

ARMY
NAVY
AIR FORCE

TM 11-5895-856-34-11
EE640-CA-MMI-110/E154 CPU
TO 31W2-2T-122-11

TECHNICAL MANUAL

**DIRECT SUPPORT AND GENERAL SUPPORT
MAINTENANCE MANUAL
FOR
CENTRAL, MESSAGE SWITCHING AUTOMATIC
AN/TYC-39(V)1
AND
CENTRAL OFFICE, TELEPHONE, AUTOMATIC
AN/TTC-39(V)2**

**AUTOMATIC DATA PROCESSING
ASSEMBLIES**

DEPARTMENTS OF THE ARMY, NAVY, AND AIR FORCE

22 SEPTEMBER 1983



5

SAFETY STEPS TO FOLLOW IF SOMEONE IS THE VICTIM OF ELECTRICAL SHOCK

1

DO NOT TRY TO PULL OR GRAB THE INDIVIDUAL

2

IF POSSIBLE, TURN OFF THE ELECTRICAL POWER

3

IF YOU CANNOT TURN OFF THE ELECTRICAL POWER, PULL, PUSH, OR LIFT THE PERSON TO SAFETY USING A WOODEN POLE OR A ROPE OR SOME OTHER INSULATING MATERIAL

4

SEND FOR HELP AS SOON AS POSSIBLE

5

AFTER THE INJURED PERSON IS FREE OF CONTACT WITH THE SOURCE OF ELECTRICAL SHOCK, MOVE THE PERSON A SHORT DISTANCE AWAY AND IMMEDIATELY START ARTIFICIAL RESUSCITATION

WARNING

HIGH VOLTAGE

is used in the operation of this equipment.

DEATH ON CONTACT

may result if personnel fail to observe safety precautions. Learn the areas containing high voltage in each piece of equipment. Be careful not to contact high-voltage connections when installing or operating this equipment. Before working inside the equipment, turn power off and ground points of high potential before touching them.

WARNING

USE OF CLEANING SOLVENT

Adequate ventilation should be provided while using TRICHLOROTRIFLUOROETHANE (NSN 6850-00-105-3084). Prolonged breathing of vapor should be avoided. The solvent should not be used near heat or open flame; the products of decomposition are toxic and irritating. Since TRICHLOROTRIFLUOROETHANE dissolves natural oils, prolonged contact with skin should be avoided. When necessary, use gloves which the solvent cannot penetrate. If the solvent is taken internally, consult a physician immediately.

INSERT LATEST CHANGED PAGES. DESTROY SUPERSEDED PAGES.

LIST OF EFFECTIVE PAGES

Dates of issue for original and changed pages are:

Original.....0.....

TOTAL NUMBER OF PAGES IN THIS PUBLICATION IS 452 CONSISTING OF THE FOLLOWING:

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| (149015-880) - | | | | | |
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#Zero in this column indicates an original page.

TECHNICAL MANUAL
NO. 11-5895-856-34-11
TECHNICAL MANUAL
EE640-CA-MMI-110/E154 CPU
TECHNICAL ORDER
TO 31W2-2T-122-11

DEPARTMENTS OF THE ARMY
THE NAVY, AND
THE AIR FORCE

Washington, DC, 22 September 1983

**DIRECT SUPPORT AND GENERAL SUPPORT
MAINTENANCE MANUAL
FOR
CENTRAL, MESSAGE SWITCHING, AUTOMATIC
AN/TYC-39(V)1
AND
CENTRAL OFFICE, TELEPHONE, AUTOMATIC
AN/TTC-39(V)2**

**AUTOMATIC DATA PROCESSING
ASSEMBLIES**

REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in back of this manual direct to: Commander, US Army Communications-Electronics Command and Fort Monmouth, ATTN: DRSEL-ME-MP, Fort Monmouth, New Jersey 07703.

For Air Force, submit AFTO Form 22 (Technical Order System Publication Improvement Report and Reply) in accordance with paragraph 6-5, Section VI, T.O. 00-5-1. Forward direct to prime ALC/MST.

For Navy, mail comments to the Commander, Naval Electronics Systems Command, ATTN: ELEX 8122, Washington, DC 20360.

In either case, a reply will be furnished direct to you.

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VOLUME 11 TM 11-5895-856-34-11

Card Cage Assembly, Interface Control Unit- R.H., Wire List, Connector (149015-880)

This volume is part of a 24-volume set covering the direct support and general support maintenance of the automatic data processing assemblies. This volume contains the connector wire list for the right-hand card cage assembly of the interface control unit, drawing number 149015-880. Refer to volume 1 of this series (TM 11-5895-856-34-1) for an explanation of how to use this wire list as well as other lists contained in the set.

NOTE

The pages in volumes 2 through 24 of TM 11-5895-856-34 have been numbered in a special manner. Pages within these volumes are found by keying to two page identifiers: the drawing number and the page number. To find the page that you desire within the volume, follow the steps listed below:

1. Find the applicable wire run list in the table of contents and note the applicable drawing number.
2. Look through the pages of the volume until you find the particular drawing number of the wire run list that you seek. This will insure that you are in the correct wire run section.
3. Go through these pages until you find the page number you are looking for within this particular wire run list.

Remember, pages in the volumes cited above are found by keying to the drawing number applicable to a particular wire run list, as well as, a page number. Make sure you are on the correct page by checking both page identifiers.

**CARD CAGE ASSEMBLY, INTERFACE CONTROL UNIT
- RIGHT HAND
CONNECTOR WIRE LIST
149015-880**

NOTES: UNLESS OTHERWISE SPECIFIED

1. REFERENCE TO SHEET 3 FOR DEFINITION OF FIELDS.
2. REFERENCE TO SHEET 4 FOR CONFIGURATIONS OF SHIELD AND WIRE TERMINATION'S.
3. REFERENCE TO SHEET 5 OF STRING LIST FOR WIRE CODE DEFINITIONS.
4. REFERENCE TO SHEET 6 OF STRING LIST FOR WIRE PARTS LIST.
5. ALL ABBREVIATIONS PER MIL-STD-12.
6. THROUGHOUT THE BODY OF THIS DOCUMENT THE UNIT NAME IS REFERRED TO AS: CARD CAGE ASSEMBLY IFCU.

H78 STRING AND CONNECTOR LIST, DEFINITION OF FIELDS

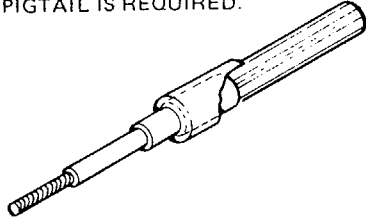
1. **Record Number** - A unique Data Processing number which associates all information pertaining to a wire "FROM" Connector, "TO" Connector, Wire Code, etc. This number is the wire ID when that field is blank.
2. **Prefix** - An assembly alphanumeric to be used when a wire terminates in two assemblies. This number will be the reference designation as required by USAS Y32.16-1968.
3. **Connector** - Any type of terminating point, plug, receptacle, etc. Designations are in accordance with USAS Y32.16-1968.
4. **Pin** - Exact terminating point of the respective connector. Designations are unique:
 - A. SHXXXX indicates the junction of a shield and a pigtail, the four digits to the right are the wire identity "of the shielded wire.
 - B. JOT indicates a common point of two or more shield pigtails.
 - C. Jacket: the terminology used when describing the line that defines the identification of a shielded wire.
5. **Sh Fg** - References a graphic representation showing how a shielded wire or coax is to be terminated. A number in this field indicates the level of automatic wire wrapping.
6. **Multi Group** - Associates wires of a group such as "twisted wire" or "shielded wire". Jacket, pigtails and center conductors will be shown as a common group.
7. **Wire Code** - A three-digit code for wire type and gage or bus bar.
8. **Wire Color** - Standard RETMA color code.
 - A. Base Stripe Tracer.
 - B. Stripe, Tracer 1 and Tracer 2 if the digit to the left is other than 9 and the two positions to the right are not blank and not equal. The Base Color is understood to be white.
9. **Wire Ident** - A number used for reference to differentiate one wire from another. This number will be used to identify the wire when specified in the wire list sleeve code field.
10. **Spc Inst** - A code which indicates that a wire must be given special attention as follows:
 - A. Direct routing, no service loops, no harnessing.
 - B. See general notes or instruction pages.
 - C. See general notes or instruction pages.
 - D. See general notes or instruction pages.
 - E. See general notes or instruction pages.
 - F. See signal description.
 - G. This connection does not go directly to the "TO" connector, but intersects a line going to the "TO" connector.
 - H. See special routing page.
 - I. Junction point for multilayer laminated board (MLB) connection.
 - J. Denotes a bus reference point.
 - K. Blank out "TO" connector and pin.
 - L. Will cause a signal name of three characters or less to be entered in the string list.
 - M. Will cause a record to be omitted from the string list. (This record will print in the connector list.)
 - N. Will suppress printing the wire identity in the harness string and double entry list.
 - P. Will cause the equation to be used as the signal name for sorting purposes only in the string list.

H78 STRING AND CONNECTOR LIST, DEFINITION OF FIELDS- Continued

- Q. Will cause an equation record to be omitted from logic listing.
 - R. Will suppress printing the "FROM/TO" pin number in the string and connector lists.
 - S. Do not move record number to the identified for an ADD transaction in the harness string and double entry only. (Use only when adding a file.)
 - T. Twist wire code.
 - U. Not available.
 - V. See general notes or instruction pages.
 - W. Fixed wire length submitted.
 - X. Sequence of string is to be left as is.
 - Y. See general notes or instruction pages.
 - Z. Will suppress printing of the "FROM" pin.
10. **Misc** - Unless otherwise noted, the number 1 indicates a pre-wired connector.
 11. **Signal** - An alphanumeric signal name, mnemonic where feasible, which identifies one specific function from another.
 - SPP - Denotes an available termination.
 - SPF- Denotes an unwired termination which has an assigned function.
 - SPW- Denotes a non-functional wire which is terminated at one or both ends.
 - SPO - Denotes a spare output of a circuit.
 - DNW - Indicates that a termination may not be wired.
 - SPA - Denotes an unassigned circuit, as one of a group on a printed circuit board.
 - SPI - Denotes a spare input of a circuit.
 - SPG - Denotes an unassigned logic gate, as one of a group on a printed circuit board.
 - SPR - Denotes a spare resistor.
 - SPD - Denotes an unassigned input diode of an assigned logic gate.
 12. **Seq No.** - A number which, in conjunction with SIGNAL, allows a signal string to be consistently printed in a given order.
 13. **Equation** - A mnemonic name assigned to each gate of an element.
 14. **Term** - An "OR" function composed of one or more factors.
 15. **Factor** - A specific input to a logical gate or active element.
 16. **Ckt or Chip Type** - Denotes a specific circuit board type.
 17. **Group** - Denotes a specific circuit on a printed circuit board.
 18. **Load or Power Plane** - Denotes the current draw in milliamps by a specific circuit or voltage.
 19. **AND Test Point** - Denotes the input test point for a specific circuit on a printed circuit board.
 20. **OR Test Point** - Denotes the output test point for a specific circuit on a circuit board.
 21. **Signal Description** - A written description or name of a signal or voltage.
 22. **ECO No.** - A letter number combination to show the Engineering Change Order level of that particular wire list record.

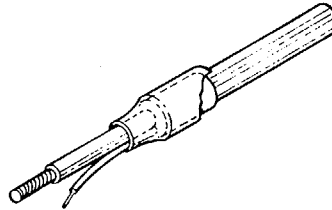
SHIELD FIGURE A

SHIELD TERMINATION FOR SHIELDED,
SINGLE AND MULTIPLE CONDUCTORS,
NO PIGTAIL IS REQUIRED.



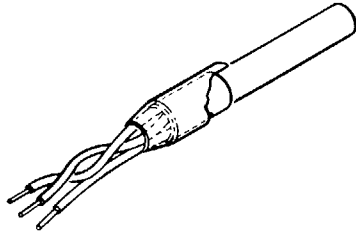
SHIELD FIGURE B

SHIELD TERMINATION FOR SHIELDED,
SINGLE AND MULTIPLE CONDUCTORS,
FRONT PIGTAIL IS REQUIRED.



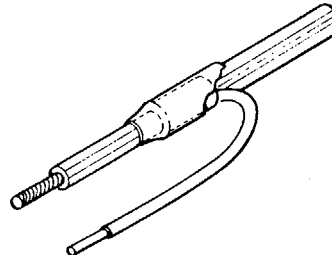
SHIELD FIGURE G

SHIELDED CABLE TERMINATION WITH DRAIN WIRE



SHIELD FIGURE C

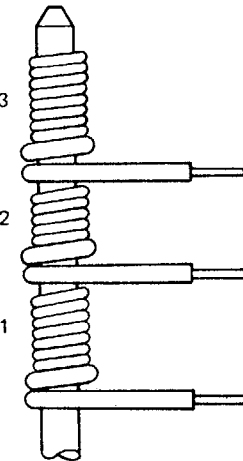
SHIELD TERMINATION FOR SHIELDED,
SINGLE AND MULTIPLE CONDUCTORS,
A REAR PIGTAIL IS REQUIRED.



SHIELD FIGURE NO. 3

SHIELD FIGURE NO. 2

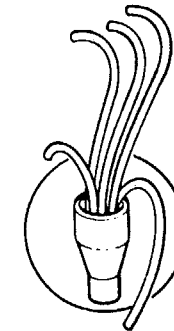
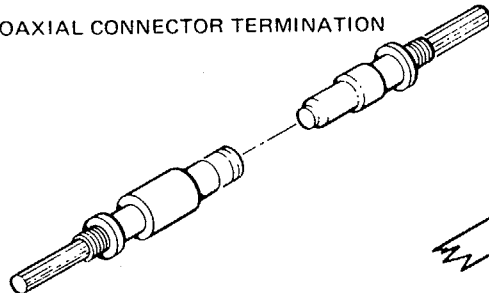
SHIELD FIGURE NO. 1



SHIELD FIGURE NUMBER
INDICATES LEVEL OF WIRE WRAP

SHIELD FIGURE Z

COAXIAL CONNECTOR TERMINATION

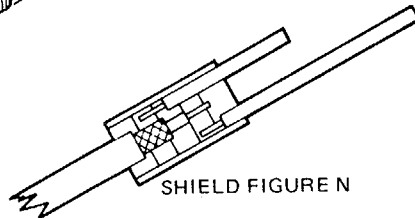


SHIELD FIGURE X

SHIELDED WIRE
PIGTAILS—HYBRID

SHIELD FIGURE M

TRANSITION DEVICE WITH
STRANDED WIRE PIGTAILS



SHIELD FIGURE N

TRANSITION DEVICE WITH
SOLID WIRE PIGTAILS

H78-14 1019

DRAWING NUMBER 149015-880

CONNECTOR

UNIT ASSEMBLY NO. 149015

REV C

INDEX

UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU

FILE IDENT T39C1FC5

DATE 09-03-82 PAGE 5

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEG NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|-----|--------|-----------|-----|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | |
| 48354 | J01 | A1 | | | | | | | | | SPP | 01 | | | | EX9 | | | | |
| 48355 | J01 | A2 | | | | | | | | | SPP | 01 | | | | EX9 | | | | |
| 48356 | J01 | A3 | | | | | | | | | SPP | 01 | | | | EX9 | | | | |
| 48401 | J01 | A4 | | XA148 | 79 | | | 18D | 9 | | WIFCON | 01 | | | | EX9 | | | | |
| 48357 | J01 | A5 | | | | | | | | | SPP | 01 | | | | EX9 | | | | |
| 48358 | J01 | A6 | | | | | | | | | SPP | 01 | | | | EX9 | | | | |
| 47931 | J01 | B1 | | | | | | | | | +5V | 01 | | | | EX9 | | | | |
| 47955 | J01 | B1 | | J01 | D1 | | | 18D | 2 | | +5VL01 | 01 | | | | EX9 | | | | |
| 48047 | J01 | B2 | | | | | | | | | GND | 01 | | | | EX9 | | | | |
| 47932 | J01 | B3 | | | | | | | | | +5V | 01 | | | | EX9 | | | | |
| 47957 | J01 | B3 | | J01 | F3 | | | 18D | 2 | | +5VL02 | 01 | | | | EX9 | | | | |
| 48048 | J01 | B4 | | | | | | | | | GND | 01 | | | | EX9 | | | | |
| 47933 | J01 | B5 | | | | | | | | | +5V | 01 | | | | EX9 | | | | |
| 48049 | J01 | B6 | | | | | | | | | GND | 01 | | | | EX9 | | | | |
| 48050 | J01 | C1 | | | | | | | | | GND | 01 | | | | EX9 | | | | |
| 47934 | J01 | C2 | | | | | | | | | +5V | 01 | | | | EX9 | | | | |
| 47960 | J01 | C2 | | J01 | F1 | | | 18D | 2 | | +5VL04 | 01 | | | | EX9 | | | | |
| 48051 | J01 | C3 | | | | | | | | | GND | 01 | | | | EX9 | | | | |
| 47935 | J01 | C4 | | | | | | | | | +5V | 01 | | | | EX9 | | | | |
| 47962 | J01 | C4 | | J01 | E4 | | | 18D | 2 | | +5VL05 | 01 | | | | EX9 | | | | |
| 48052 | J01 | C5 | | | | | | | | | GND | 01 | | | | EX9 | | | | |
| 47936 | J01 | C6 | | | | | | | | | +5V | 01 | | | | EX9 | | | | |
| 47964 | J01 | C6 | | J01 | E6 | | | 18D | 2 | | +5VL06 | 01 | | | | EX9 | | | | |
| 47956 | J01 | D1 | | | | | | | | | +5VL01 | 02 | | | | EX9 | | | | |
| 48053 | J01 | D2 | | | | | | | | | GND | 01 | | | | EX9 | | | | |
| 47937 | J01 | D3 | | | | | | | | | +5V | 01 | | | | EX9 | | | | |
| 47966 | J01 | D3 | | J01 | N2 | | | 18D | 2 | | +5VL08 | 01 | | | | EX9 | | | | |
| 48054 | J01 | D4 | | | | | | | | | GND | 01 | | | | EX9 | | | | |
| 47938 | J01 | D5 | | | | | | | | | +5V | 01 | | | | EX9 | | | | |
| 47967 | J01 | D5 | | J01 | F5 | | | 18D | 2 | | +5VL09 | 01 | | | | EX9 | | | | |
| 48055 | J01 | D6 | | | | | | | | | GND | 01 | | | | EX9 | | | | |
| 48122 | J01 | E2 | | XA148 | 65 | | | 16B | 9 | | KC1FLT | 01 | | | | EX9 | | | | |
| 48056 | J01 | E3 | | | | | | | | | GND | 01 | | | | EX9 | | | | |
| 47963 | J01 | E4 | | | | | | | | | +5VL05 | 02 | | | | EX9 | | | | |
| 48057 | J01 | E5 | | | | | | | | | GND | 01 | | | | EX9 | | | | |
| 47965 | J01 | E6 | | | | | | | | | +5VL06 | 02 | | | | EX9 | | | | |
| 47961 | J01 | F1 | | | | | | | | | +5VL04 | 02 | | | | EX9 | | | | |
| 48058 | J01 | F2 | | | | | | | | | GND | 01 | | | | EX9 | | | | |
| 47958 | J01 | F3 | | | | | | | | | +5VL02 | 02 | | | | EX9 | | | | |
| 48059 | J01 | F4 | | | | | | | | | GND | 01 | | | | EX9 | | | | |
| 47968 | J01 | F5 | | | | | | | | | +5VL09 | 02 | | | | EX9 | | | | |
| 48060 | J01 | F6 | | | | | | | | | GND | 01 | | | | EX9 | | | | |
| 48360 | J01 | H1 | | | | | | | | | SPP | 01 | | | | EX9 | | | | |
| 48361 | J01 | H2 | | | | | | | | | SPP | 01 | | | | EX9 | | | | |
| 48061 | J01 | H5 | | | | | | | | | GND | 01 | | | | EX9 | | | | |
| 48362 | J01 | H6 | | | | | | | | | SPP | 01 | | | | EX9 | | | | |
| 48363 | J01 | J1 | | | | | | | | | SPP | 01 | | | | EX9 | | | | |
| 48364 | J01 | K1 | | | | | | | | | SPP | 01 | | | | EX9 | | | | |
| 48062 | J01 | K2 | | | | | | | | | GND | 01 | | | | EX9 | | | | |
| 48365 | J01 | K5 | | | | | | | | | SPP | 01 | | | | EX9 | | | | |

CONNECTOR J01 CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX J01
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 6

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SIC NO | EQUATION | TIDM | LAYER | GROUP | LAYER OR BOARD PLAN | FUNCTION | SIGNAL TERMINATION | TYPE | |
|---|--------|-----------|-----|--------|-----------|-----|-------|------|-------|------|---------|--------|----------|------|-------|-------|---------------------|----------|--------------------|------|-----|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | GROUP | TYPE | IDENT | TYPE | | | | | | | | | | | |
| 48366 | | J01 | K6 | | | | | | | | SPP | 01 | | | | | | | | | |
| 48073 | | J01 | L1 | | J01 | L3 | | | 180 | 0 | GNOL1L3 | 01 | | | | | | | | | |
| 48367 | | J01 | L2 | | | | | | | | SPP | 01 | | | | | | | | | |
| 48063 | | J01 | L3 | | | | | | | | GND | 01 | | | | | | | | | |
| 48074 | | J01 | L3 | | | | | | | | GNDL1L3 | 02 | | | | | | | | | |
| 47969 | | J01 | L4 | | XA146 | 13 | | | 168 | 9 | DDIFC | 01 | | | | | | | | | |
| 47927 | | J01 | L5 | | XA148 | 62 | | AA | 1ED | 0 | +5AUXG | 01 | | | | | | | | | A03 |
| 48064 | | J01 | L5 | | | | | | | | GND | 01 | | | | | | | | | A03 |
| 47926 | | J01 | L6 | | XA148 | 61 | | AA | 1ED | 2 | +5AUX | 01 | | | | | | | | | |
| 48148 | | J01 | M2 | | XA146 | 40 | | | 168 | 9 | LORIF | 01 | | | | | | | | | A03 |
| 48368 | | J01 | M3 | | | | | | | | SPP | 01 | | | | | | | | | |
| 48065 | | J01 | M4 | | | | | | | | GND | 01 | | | | | | | | | |
| 48369 | | J01 | M5 | | | | | | | | SPP | 01 | | | | | | | | | |
| 48370 | | J01 | M6 | | | | | | | | SPP | 01 | | | | | | | | | |
| 48371 | | J01 | N1 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47959 | | J01 | N2 | | | | | | | | +5VLOB | 02 | | | | | | | | | |
| 48066 | | J01 | N3 | | | | | | | | GND | 01 | | | | | | | | | |
| 48372 | | J01 | N4 | | | | | | | | SPP | 01 | | | | | | | | | |
| 48373 | | J01 | N5 | | | | | | | | SPP | 01 | | | | | | | | | |
| 48374 | | J01 | N6 | | | | | | | | SPP | 01 | | | | | | | | | |
| 48375 | | J01 | P1 | | | | | | | | SPP | 01 | | | | | | | | | |
| 48175 | | J01 | P2 | | | | | | | | SPP | 01 | | | | | | | | | |
| 48176 | | J01 | P3 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47970 | | J01 | P4 | | | | | | | | GND | 01 | | | | | | | | | |
| 48177 | | J01 | P5 | | | | | | | | SPP | 01 | | | | | | | | | |
| 48178 | | J01 | P6 | | | | | | | | SPP | 01 | | | | | | | | | |
| 48179 | | J01 | R1 | | | | | | | | SPP | 01 | | | | | | | | | |
| 48180 | | J01 | R2 | | | | | | | | SPP | 01 | | | | | | | | | |
| 48181 | | J01 | R3 | | | | | | | | SPP | 01 | | | | | | | | | |
| 48182 | | J01 | R4 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47971 | | J01 | R5 | | | | | | | | GND | 01 | | | | | | | | | |
| 48183 | | J01 | R6 | | | | | | | | SPP | 01 | | | | | | | | | |
| 48184 | | J01 | S1 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47972 | | J01 | S2 | | | | | | | | GND | 01 | | | | | | | | | |
| 48185 | | J01 | S3 | | | | | | | | SPP | 01 | | | | | | | | | |
| 48186 | | J01 | S4 | | | | | | | | SPP | 01 | | | | | | | | | |
| 48187 | | J01 | S5 | | | | | | | | SPP | 01 | | | | | | | | | |
| 48067 | | J01 | S6 | | | | | | | | GND | 01 | | | | | | | | | |
| 35582 | | XA101 | 01 | | | | | | | | SPP | 01 | | | | | | | | | |
| 33250 | | XA101 | 02 | | | | | | | | GND | 01 | | | | | | | | | |
| 35583 | | XA101 | 03 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35584 | | XA101 | 04 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35585 | | XA101 | 05 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35586 | | XA101 | 06 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35587 | | XA101 | 07 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35588 | | XA101 | 08 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35589 | | XA101 | 09 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35590 | | XA101 | 10 | | | | | | | | SPP | 01 | | | | | | | | | |
| CONNECTOR (XA101) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA101
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 7

| REF. OR NUMBER | FROM | | | TO | | | WIRE | | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | LOAD OR POWER PLANE | TEST POINTS ENC OR | SIGNAL DESCRIPTION | ECO NO |
|--|--------|-----------|-----|--------|-----------|-----|--------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | EN FID | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | |
| 35591 | | XA101 | 11 | | | | | | | | | SPP | 01 | | | | | | | | |
| 33017 | | XA101 | 12 | | | | | | | | | +5V | 01 | | | | | | | | |
| 35592 | | XA101 | 13 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35593 | | XA101 | 14 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35594 | | XA101 | 15 | | | | | | | | | SPP | 01 | | | | | | | | |
| 33251 | | XA101 | 16 | | | | | | | | | GND | 01 | | | | | | | | |
| 35595 | | XA101 | 17 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35596 | | XA101 | 18 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35597 | | XA101 | 19 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35598 | | XA101 | 20 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35599 | | XA101 | 21 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35600 | | XA101 | 22 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35601 | | XA101 | 23 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35602 | | XA101 | 24 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35603 | | XA101 | 25 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35604 | | XA101 | 26 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35605 | | XA101 | 27 | | | | | | | | | SPP | 01 | | | | | | | | |
| 33018 | | XA101 | 28 | | | | | | | | | +5V | 01 | | | | | | | | |
| 35606 | | XA101 | 29 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35607 | | XA101 | 30 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35608 | | XA101 | 31 | | | | | | | | | SPP | 01 | | | | | | | | |
| 33252 | | XA101 | 32 | | | | | | | | | GND | 01 | | | | | | | | |
| 35609 | | XA101 | 33 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35610 | | XA101 | 34 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35611 | | XA101 | 35 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35612 | | XA101 | 36 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35613 | | XA101 | 37 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35614 | | XA101 | 38 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35615 | | XA101 | 39 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35616 | | XA101 | 40 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35617 | | XA101 | 41 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35618 | | XA101 | 42 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35619 | | XA101 | 43 | | | | | | | | | SPP | 01 | | | | | | | | |
| 33253 | | XA101 | 44 | | | | | | | | | GND | 01 | | | | | | | | |
| 35620 | | XA101 | 45 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35621 | | XA101 | 46 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35622 | | XA101 | 47 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35623 | | XA101 | 48 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35624 | | XA101 | 49 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35625 | | XA101 | 50 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35626 | | XA101 | 51 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35627 | | XA101 | 52 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35628 | | XA101 | 53 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35629 | | XA101 | 54 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35630 | | XA101 | 55 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35631 | | XA101 | 56 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35632 | | XA101 | 57 | | | | | | | | | SPP | 01 | | | | | | | | |
| 33254 | | XA101 | 58 | | | | | | | | | GND | 01 | | | | | | | | |
| 35633 | | XA101 | 59 | | | | | | | | | SPP | 01 | | | | | | | | |
| 35634 | | XA101 | 60 | | | | | | | | | SPP | 01 | | | | | | | | |
| CONNECTOR (XA101) CONTINUED ON THE NEXT PAGE. **** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA101
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 8

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | FROM | FACTOR | CMT ON CHIP TYPE | ORAMP | LOAD ON POWER PLANE | TEST POINTS | SIGNAL DESCRIPTION | PIN NO |
|---|--------|-----------|-----|--------|-----------|-----|-------------|------|-------|------|--------|--------|----------|------|--------|------------------|-------|---------------------|-------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | IDEN | | | | | | | | | | | |
| 35635 | | XA101 | 61 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35636 | | XA101 | 62 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35637 | | XA101 | 63 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35638 | | XA101 | 64 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35639 | | XA101 | 65 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35640 | | XA101 | 66 | | | | | | | | SPP | 01 | | | | | | | | | |
| 33255 | | XA101 | 67 | | | | | | | | GND | 01 | | | | | | | | | |
| 35641 | | XA101 | 68 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35642 | | XA101 | 69 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35643 | | XA101 | 70 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35644 | | XA101 | 71 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35645 | | XA101 | 72 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35646 | | XA101 | 73 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35647 | | XA101 | 74 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35648 | | XA101 | 75 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35649 | | XA101 | 76 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35650 | | XA101 | 77 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35651 | | XA101 | 78 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35652 | | XA101 | 79 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35653 | | XA101 | 80 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35654 | | XA102 | 01 | | | | | | | | SPP | 01 | | | | | | | | | |
| 33256 | | XA102 | 02 | | | | | | | | GND | 01 | | | | | | | | | |
| 35655 | | XA102 | 03 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35656 | | XA102 | 04 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35657 | | XA102 | 05 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35658 | | XA102 | 06 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35659 | | XA102 | 07 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35660 | | XA102 | 08 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35661 | | XA102 | 09 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35662 | | XA102 | 10 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35663 | | XA102 | 11 | | | | | | | | SPP | 01 | | | | | | | | | |
| 33019 | | XA102 | 12 | | | | | | | | +5V | 01 | | | | | | | | | |
| 35664 | | XA102 | 13 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35665 | | XA102 | 14 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35666 | | XA102 | 15 | | | | | | | | SPP | 01 | | | | | | | | | |
| 33257 | | XA102 | 16 | | | | | | | | GND | 01 | | | | | | | | | |
| 35667 | | XA102 | 17 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35668 | | XA102 | 18 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35669 | | XA102 | 19 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35670 | | XA102 | 20 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35671 | | XA102 | 21 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35672 | | XA102 | 22 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35673 | | XA102 | 23 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35674 | | XA102 | 24 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35675 | | XA102 | 25 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35676 | | XA102 | 26 | | | | | | | | SPP | 01 | | | | | | | | | |
| 35677 | | XA102 | 27 | | | | | | | | SPP | 01 | | | | | | | | | |
| 33020 | | XA102 | 28 | | | | | | | | +5V | 01 | | | | | | | | | |
| CONNECTOR (XA102) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA102
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 9

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|---------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|-------------|------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | WIRE NO | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | SPEC INST | MISC | | |
| 35678 | | XA102 | 29 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35679 | | XA102 | 30 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35680 | | XA102 | 31 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33258 | | XA102 | 32 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 35681 | | XA102 | 33 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35682 | | XA102 | 34 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35683 | | XA102 | 35 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35684 | | XA102 | 36 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35685 | | XA102 | 37 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35686 | | XA102 | 38 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35687 | | XA102 | 39 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35688 | | XA102 | 40 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35689 | | XA102 | 41 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35690 | | XA102 | 42 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35691 | | XA102 | 43 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33259 | | XA102 | 44 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 35692 | | XA102 | 45 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35693 | | XA102 | 46 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35694 | | XA102 | 47 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35695 | | XA102 | 48 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35696 | | XA102 | 49 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35697 | | XA102 | 50 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35698 | | XA102 | 51 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35699 | | XA102 | 52 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35700 | | XA102 | 53 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35701 | | XA102 | 54 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35702 | | XA102 | 55 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35703 | | XA102 | 56 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35704 | | XA102 | 57 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33260 | | XA102 | 58 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 35705 | | XA102 | 59 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35706 | | XA102 | 60 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35707 | | XA102 | 61 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35708 | | XA102 | 62 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35709 | | XA102 | 63 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35710 | | XA102 | 64 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35711 | | XA102 | 65 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35712 | | XA102 | 66 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33261 | | XA102 | 67 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 35713 | | XA102 | 68 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35714 | | XA102 | 69 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35715 | | XA102 | 70 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35716 | | XA102 | 71 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35717 | | XA102 | 72 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35718 | | XA102 | 73 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35719 | | XA102 | 74 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35720 | | XA102 | 75 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35721 | | XA102 | 76 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35722 | | XA102 | 77 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35723 | | XA102 | 78 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| CONNECTOR (XA102) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA102
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 10

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---------------|-----------|-----------|---------------------------------|--------|-----------|-----|------|------|-------------|------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|-------------|-----|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | TO A | TO B | MULTI GROUP | CODE | COLOR | | | | | | | | | IDENT | AND | | |
| 35724 | | XA102 | 79 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35725 | | XA102 | 80 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35726 | | XA103 | 01 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33262 | | XA103 | 02 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 35727 | | XA103 | 03 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35728 | | XA103 | 04 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35729 | | XA103 | 05 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35730 | | XA103 | 06 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35731 | | XA103 | 07 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35732 | | XA103 | 08 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35733 | | XA103 | 09 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35734 | | XA103 | 10 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35735 | | XA103 | 11 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33021 | | XA103 | 12 | | | | | | | | | +5V | 01 | | | | | | | | | | |
| 35736 | | XA103 | 13 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35737 | | XA103 | 14 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35738 | | XA103 | 15 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33263 | | XA103 | 16 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 35739 | | XA103 | 17 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35740 | | XA103 | 18 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35741 | | XA103 | 19 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35742 | | XA103 | 20 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35743 | | XA103 | 21 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35744 | | XA103 | 22 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35745 | | XA103 | 23 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35746 | | XA103 | 24 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35747 | | XA103 | 25 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35748 | | XA103 | 26 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35749 | | XA103 | 27 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33022 | | XA103 | 28 | | | | | | | | | +5V | 01 | | | | | | | | | | |
| 35750 | | XA103 | 29 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35751 | | XA103 | 30 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35752 | | XA103 | 31 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33264 | | XA103 | 32 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 35753 | | XA103 | 33 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35754 | | XA103 | 34 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35755 | | XA103 | 35 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35756 | | XA103 | 36 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35757 | | XA103 | 37 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35758 | | XA103 | 38 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35759 | | XA103 | 39 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35760 | | XA103 | 40 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35761 | | XA103 | 41 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35762 | | XA103 | 42 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35763 | | XA103 | 43 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33265 | | XA103 | 44 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 35764 | | XA103 | 45 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35765 | | XA103 | 46 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| | CONNECTOR | XA103 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA103
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC5 FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 11

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---------------|-----------|-----------|-----|--------------|-----------|---------------|------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|-------------|----|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | ENR | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | AND | OR | | |
| 35766 | | XA103 | 47 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35767 | | XA103 | 48 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35768 | | XA103 | 49 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35769 | | XA103 | 50 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35770 | | XA103 | 51 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35771 | | XA103 | 52 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35772 | | XA103 | 53 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35773 | | XA103 | 54 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35774 | | XA103 | 55 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35775 | | XA103 | 56 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35776 | | XA103 | 57 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33266 | | XA103 | 58 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 35777 | | XA103 | 59 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35778 | | XA103 | 60 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35779 | | XA103 | 61 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35780 | | XA103 | 62 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35781 | | XA103 | 63 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35782 | | XA103 | 64 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35783 | | XA103 | 65 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35784 | | XA103 | 66 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33267 | | XA103 | 67 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 35785 | | XA103 | 68 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35786 | | XA103 | 69 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35787 | | XA103 | 70 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35788 | | XA103 | 71 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35789 | | XA103 | 72 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35790 | | XA103 | 73 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35791 | | XA103 | 74 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35792 | | XA103 | 75 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35793 | | XA103 | 76 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35794 | | XA103 | 77 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35795 | | XA103 | 78 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35796 | | XA103 | 79 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35797 | | XA103 | 80 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35798 | | XA104 | 01 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33268 | | XA104 | 02 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 35799 | | XA104 | 03 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35800 | | XA104 | 04 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35801 | | XA104 | 05 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35802 | | XA104 | 06 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35803 | | XA104 | 07 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35804 | | XA104 | 08 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35805 | | XA104 | 09 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35806 | | XA104 | 10 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35807 | | XA104 | 11 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33023 | | XA104 | 12 | | | | | | | | | +5V | 01 | | | | | | | | | | |
| 35808 | | XA104 | 13 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35809 | | XA104 | 14 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| | CONNECTOR | XA104 | | CONTINUED ON | | THE NEXT PAGE | **** | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA104
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 12

| RECORD NUMBER | FROM | | | TO | WIRE | | | | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|---------------------------------|-----|----|--------|-----------|-----|-------|-------------|------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|-------------|-----|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | SH/FG | MULTI GROUP | CODE | COLOR | | | | | | | | | IDENT | AND | | |
| 35810 | | XA104 | 15 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33269 | | XA104 | 16 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 35811 | | XA104 | 17 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35812 | | XA104 | 18 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35813 | | XA104 | 19 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35814 | | XA104 | 20 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35815 | | XA104 | 21 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35816 | | XA104 | 22 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35817 | | XA104 | 23 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35818 | | XA104 | 24 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35819 | | XA104 | 25 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35820 | | XA104 | 26 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35821 | | XA104 | 27 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33024 | | XA104 | 28 | | | | | | | | | +5V | 01 | | | | | | | | | | |
| 35822 | | XA104 | 29 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35823 | | XA104 | 30 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35824 | | XA104 | 31 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33270 | | XA104 | 32 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 35825 | | XA104 | 33 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35826 | | XA104 | 34 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35827 | | XA104 | 35 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35828 | | XA104 | 36 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35829 | | XA104 | 37 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35830 | | XA104 | 38 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35831 | | XA104 | 39 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35832 | | XA104 | 40 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35833 | | XA104 | 41 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35834 | | XA104 | 42 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35835 | | XA104 | 43 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33271 | | XA104 | 44 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 35836 | | XA104 | 45 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35837 | | XA104 | 46 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35838 | | XA104 | 47 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35839 | | XA104 | 48 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35840 | | XA104 | 49 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35841 | | XA104 | 50 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35842 | | XA104 | 51 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35843 | | XA104 | 52 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35844 | | XA104 | 53 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35845 | | XA104 | 54 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35846 | | XA104 | 55 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35847 | | XA104 | 56 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35848 | | XA104 | 57 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33272 | | XA104 | 58 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 35849 | | XA104 | 59 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35850 | | XA104 | 60 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35851 | | XA104 | 61 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35852 | | XA104 | 62 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35853 | | XA104 | 63 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35854 | | XA104 | 64 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| CONNECTOR | XA104 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA104
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 13

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | | SIGNAL | SEQ NO | EQUATION | TERM FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|------|-------------|------|-------|-------|--------|--------|----------|-------------|------------------|-------|---------------------|-------------|----|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SIZE | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | AND | OR | | |
| 35855 | | XA104 | 65 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35856 | | XA104 | 66 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 33273 | | XA104 | 67 | | | | | | | | | GND | 01 | | | | | | | | | |
| 35857 | | XA104 | 68 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35858 | | XA104 | 69 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35859 | | XA104 | 70 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35860 | | XA104 | 71 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35861 | | XA104 | 72 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35862 | | XA104 | 73 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35863 | | XA104 | 74 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35864 | | XA104 | 75 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35865 | | XA104 | 76 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35866 | | XA104 | 77 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35867 | | XA104 | 78 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35868 | | XA104 | 79 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35869 | | XA104 | 80 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35870 | | XA105 | 01 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 33274 | | XA105 | 02 | | | | | | | | | GND | 01 | | | | | | | | | |
| 35871 | | XA105 | 03 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35872 | | XA105 | 04 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35873 | | XA105 | 05 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35874 | | XA105 | 06 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35875 | | XA105 | 07 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35876 | | XA105 | 08 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35877 | | XA105 | 09 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35878 | | XA105 | 10 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35879 | | XA105 | 11 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 33025 | | XA105 | 12 | | | | | | | | | +5V | 01 | | | | | | | | | |
| 35880 | | XA105 | 13 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35881 | | XA105 | 14 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35882 | | XA105 | 15 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 33275 | | XA105 | 16 | | | | | | | | | GND | 01 | | | | | | | | | |
| 35883 | | XA105 | 17 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35884 | | XA105 | 18 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35885 | | XA105 | 19 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35886 | | XA105 | 20 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35887 | | XA105 | 21 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35888 | | XA105 | 22 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35889 | | XA105 | 23 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35890 | | XA105 | 24 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35891 | | XA105 | 25 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35892 | | XA105 | 26 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35893 | | XA105 | 27 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 33026 | | XA105 | 28 | | | | | | | | | +5V | 01 | | | | | | | | | |
| 35894 | | XA105 | 29 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35895 | | XA105 | 30 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 35896 | | XA105 | 31 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 33276 | | XA105 | 32 | | | | | | | | | GND | 01 | | | | | | | | | |
| CONNECTOR (XA105) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA105
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 14

| RECORD NUMBER | FROM | | | TO | | | | WIRE | | | | SPP | MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | LCO NO | |
|---------------|--------|-----------|-----|--------|-----------|-----|------|-------------|------|-------|-------|-----|------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|--|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | DATA | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | | | |
| 35897 | | XA105 | 33 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35898 | | XA105 | 34 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35899 | | XA105 | 35 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35900 | | XA105 | 36 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35901 | | XA105 | 37 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35902 | | XA105 | 38 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35903 | | XA105 | 39 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35904 | | XA105 | 40 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35905 | | XA105 | 41 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35906 | | XA105 | 42 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35907 | | XA105 | 43 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 33277 | | XA105 | 44 | | | | | | | | | GND | 01 | | | | | | | | | | | | |
| 35908 | | XA105 | 45 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35909 | | XA105 | 46 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35910 | | XA105 | 47 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35911 | | XA105 | 48 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35912 | | XA105 | 49 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35913 | | XA105 | 50 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35914 | | XA105 | 51 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35915 | | XA105 | 52 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35916 | | XA105 | 53 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35917 | | XA105 | 54 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35918 | | XA105 | 55 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35919 | | XA105 | 56 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35920 | | XA105 | 57 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 33278 | | XA105 | 58 | | | | | | | | | GND | 01 | | | | | | | | | | | | |
| 35921 | | XA105 | 59 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35922 | | XA105 | 60 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35923 | | XA105 | 61 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35924 | | XA105 | 62 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35925 | | XA105 | 63 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35926 | | XA105 | 64 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35927 | | XA105 | 65 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35928 | | XA105 | 66 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 33279 | | XA105 | 67 | | | | | | | | | GND | 01 | | | | | | | | | | | | |
| 35929 | | XA105 | 68 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35930 | | XA105 | 69 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35931 | | XA105 | 70 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35932 | | XA105 | 71 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35933 | | XA105 | 72 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35934 | | XA105 | 73 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35935 | | XA105 | 74 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35936 | | XA105 | 75 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35937 | | XA105 | 76 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35938 | | XA105 | 77 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35939 | | XA105 | 78 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35940 | | XA105 | 79 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 35941 | | XA105 | 80 | | | | | | | | | SPP | 01 | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA106
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 15

| RECORD NUMBER | FROM | | | DIP PK | TO | | | WIRE | | | | SFC TEST INSEC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO | |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|----------------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|-------|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | NET ID | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | | IDENT |
| 35942 | | XA106 | 01 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 33280 | | XA106 | 02 | | | | | | | | | GND | 01 | | | | | | | | | | | |
| 35943 | | XA106 | 03 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35944 | | XA106 | 04 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35945 | | XA106 | 05 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35946 | | XA106 | 06 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35947 | | XA106 | 07 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35948 | | XA106 | 08 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35949 | | XA106 | 09 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35950 | | XA106 | 10 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35951 | | XA106 | 11 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 33027 | | XA106 | 12 | | | | | | | | | +5V | 01 | | | | | | | | | | | |
| 35952 | | XA106 | 13 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35953 | | XA106 | 14 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35954 | | XA106 | 15 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 33281 | | XA106 | 16 | | | | | | | | | GND | 01 | | | | | | | | | | | |
| 35955 | | XA106 | 17 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35956 | | XA106 | 18 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35957 | | XA106 | 19 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35958 | | XA106 | 20 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35959 | | XA106 | 21 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35960 | | XA106 | 22 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35961 | | XA106 | 23 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35962 | | XA106 | 24 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35963 | | XA106 | 25 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35964 | | XA106 | 26 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35965 | | XA106 | 27 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 33028 | | XA106 | 28 | | | | | | | | | +5V | 01 | | | | | | | | | | | |
| 35966 | | XA106 | 29 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35967 | | XA106 | 30 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35968 | | XA106 | 31 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 33282 | | XA106 | 32 | | | | | | | | | GND | 01 | | | | | | | | | | | |
| 35969 | | XA106 | 33 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35970 | | XA106 | 34 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35971 | | XA106 | 35 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35972 | | XA106 | 36 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35973 | | XA106 | 37 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35974 | | XA106 | 38 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35975 | | XA106 | 39 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35976 | | XA106 | 40 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35977 | | XA106 | 41 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35978 | | XA106 | 42 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35979 | | XA106 | 43 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 33283 | | XA106 | 44 | | | | | | | | | GND | 01 | | | | | | | | | | | |
| 35980 | | XA106 | 45 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35981 | | XA106 | 46 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35982 | | XA106 | 47 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35983 | | XA106 | 48 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35984 | | XA106 | 49 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 35985 | | XA106 | 50 | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| CONNECTOR XA106 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA106
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 15

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|-------------|-------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SN PG | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | SPEC LIST | INSTR | | |
| 35942 | | XA106 | 01 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33280 | | XA106 | 02 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 35943 | | XA106 | 03 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35944 | | XA106 | 04 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35945 | | XA106 | 05 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35946 | | XA106 | 06 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35947 | | XA106 | 07 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35948 | | XA106 | 08 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35949 | | XA106 | 09 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35950 | | XA106 | 10 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35951 | | XA106 | 11 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33027 | | XA106 | 12 | | | | | | | | | +5V | 01 | | | | | | | | | | |
| 35952 | | XA106 | 13 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35953 | | XA106 | 14 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35954 | | XA106 | 15 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33281 | | XA106 | 16 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 35955 | | XA106 | 17 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35956 | | XA106 | 18 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35957 | | XA106 | 19 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35958 | | XA106 | 20 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35959 | | XA106 | 21 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35960 | | XA106 | 22 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35961 | | XA106 | 23 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35962 | | XA106 | 24 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35963 | | XA106 | 25 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35964 | | XA106 | 26 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35965 | | XA106 | 27 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33028 | | XA106 | 28 | | | | | | | | | +5V | 01 | | | | | | | | | | |
| 35966 | | XA106 | 29 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35967 | | XA106 | 30 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35968 | | XA106 | 31 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33282 | | XA106 | 32 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 35969 | | XA106 | 33 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35970 | | XA106 | 34 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35971 | | XA106 | 35 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35972 | | XA106 | 36 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35973 | | XA106 | 37 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35974 | | XA106 | 38 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35975 | | XA106 | 39 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35976 | | XA106 | 40 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35977 | | XA106 | 41 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35978 | | XA106 | 42 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35979 | | XA106 | 43 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33283 | | XA106 | 44 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 35980 | | XA106 | 45 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35981 | | XA106 | 46 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35982 | | XA106 | 47 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35983 | | XA106 | 48 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35984 | | XA106 | 49 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35985 | | XA106 | 50 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| CONNECTOR (XA106) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA106
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC5 FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 16

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|------|-------|-------------|------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|-------------|----------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH PG | PREFIX | CONNECTOR | PIN | SH PG | MULTI GROUP | CODE | COLOR | | | | | | | | | IDEN | SPC INST | | |
| 35986 | | XA106 | 51 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35987 | | XA106 | 52 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35988 | | XA106 | 53 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35989 | | XA106 | 54 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35990 | | XA106 | 55 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35991 | | XA106 | 56 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35992 | | XA106 | 57 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33284 | | XA106 | 58 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 35993 | | XA106 | 59 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35994 | | XA106 | 60 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35995 | | XA106 | 61 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35996 | | XA106 | 62 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35997 | | XA106 | 63 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35998 | | XA106 | 64 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 35999 | | XA106 | 65 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36000 | | XA106 | 66 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33285 | | XA106 | 67 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 36001 | | XA106 | 68 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36002 | | XA106 | 69 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36003 | | XA106 | 70 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36004 | | XA106 | 71 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36005 | | XA106 | 72 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36006 | | XA106 | 73 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36007 | | XA106 | 74 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36008 | | XA106 | 75 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36009 | | XA106 | 76 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36010 | | XA106 | 77 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36011 | | XA106 | 78 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36012 | | XA106 | 79 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36013 | | XA106 | 80 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36014 | | XA107 | 01 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33286 | | XA107 | 02 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 36015 | | XA107 | 03 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36016 | | XA107 | 04 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36017 | | XA107 | 05 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36018 | | XA107 | 06 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36019 | | XA107 | 07 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36020 | | XA107 | 08 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36021 | | XA107 | 09 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36022 | | XA107 | 10 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36023 | | XA107 | 11 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33029 | | XA107 | 12 | | | | | | | | | +5V | 01 | | | | | | | | | | |
| 36024 | | XA107 | 13 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36025 | | XA107 | 14 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36026 | | XA107 | 15 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33287 | | XA107 | 16 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 36027 | | XA107 | 17 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36028 | | XA107 | 18 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| CONNECTOR XA107 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA107
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 17

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|--|--------|-----------|-----|--------|-----------|-----|---------|-------------|------|-------|--------|--------|----------|-------------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | WIRE NO | MULTI GROUP | CODE | COLOR | | | | | | | | | | |
| 36029 | | XA107 | 19 | | | | | | | | | SPP | 01 | | | | | | | |
| 36030 | | XA107 | 20 | | | | | | | | | SPP | 01 | | | | | | | |
| 36031 | | XA107 | 21 | | | | | | | | | SPP | 01 | | | | | | | |
| 36032 | | XA107 | 22 | | | | | | | | | SPP | 01 | | | | | | | |
| 36033 | | XA107 | 23 | | | | | | | | | SPP | 01 | | | | | | | |
| 36034 | | XA107 | 24 | | | | | | | | | SPP | 01 | | | | | | | |
| 36035 | | XA107 | 25 | | | | | | | | | SPP | 01 | | | | | | | |
| 36036 | | XA107 | 26 | | | | | | | | | SPP | 01 | | | | | | | |
| 36037 | | XA107 | 27 | | | | | | | | | SPP | 01 | | | | | | | |
| 33030 | | XA107 | 28 | | | | | | | | | +5V | 01 | | | | | | | |
| 36038 | | XA107 | 29 | | | | | | | | | SPP | 01 | | | | | | | |
| 36039 | | XA107 | 30 | | | | | | | | | SPP | 01 | | | | | | | |
| 36040 | | XA107 | 31 | | | | | | | | | SPP | 01 | | | | | | | |
| 33288 | | XA107 | 32 | | | | | | | | | GND | 01 | | | | | | | |
| 36041 | | XA107 | 33 | | | | | | | | | SPP | 01 | | | | | | | |
| 36042 | | XA107 | 34 | | | | | | | | | SPP | 01 | | | | | | | |
| 36043 | | XA107 | 35 | | | | | | | | | SPP | 01 | | | | | | | |
| 36044 | | XA107 | 36 | | | | | | | | | SPP | 01 | | | | | | | |
| 36045 | | XA107 | 37 | | | | | | | | | SPP | 01 | | | | | | | |
| 36046 | | XA107 | 38 | | | | | | | | | SPP | 01 | | | | | | | |
| 36047 | | XA107 | 39 | | | | | | | | | SPP | 01 | | | | | | | |
| 36048 | | XA107 | 40 | | | | | | | | | SPP | 01 | | | | | | | |
| 36049 | | XA107 | 41 | | | | | | | | | SPP | 01 | | | | | | | |
| 36050 | | XA107 | 42 | | | | | | | | | SPP | 01 | | | | | | | |
| 36051 | | XA107 | 43 | | | | | | | | | SPP | 01 | | | | | | | |
| 33289 | | XA107 | 44 | | | | | | | | | GND | 01 | | | | | | | |
| 36052 | | XA107 | 45 | | | | | | | | | SPP | 01 | | | | | | | |
| 36053 | | XA107 | 46 | | | | | | | | | SPP | 01 | | | | | | | |
| 36054 | | XA107 | 47 | | | | | | | | | SPP | 01 | | | | | | | |
| 36055 | | XA107 | 48 | | | | | | | | | SPP | 01 | | | | | | | |
| 36056 | | XA107 | 49 | | | | | | | | | SPP | 01 | | | | | | | |
| 36057 | | XA107 | 50 | | | | | | | | | SPP | 01 | | | | | | | |
| 36058 | | XA107 | 51 | | | | | | | | | SPP | 01 | | | | | | | |
| 36059 | | XA107 | 52 | | | | | | | | | SPP | 01 | | | | | | | |
| 36060 | | XA107 | 53 | | | | | | | | | SPP | 01 | | | | | | | |
| 36061 | | XA107 | 54 | | | | | | | | | SPP | 01 | | | | | | | |
| 36062 | | XA107 | 55 | | | | | | | | | SPP | 01 | | | | | | | |
| 36063 | | XA107 | 56 | | | | | | | | | SPP | 01 | | | | | | | |
| 36064 | | XA107 | 57 | | | | | | | | | SPP | 01 | | | | | | | |
| 33290 | | XA107 | 58 | | | | | | | | | GND | 01 | | | | | | | |
| 36065 | | XA107 | 59 | | | | | | | | | SPP | 01 | | | | | | | |
| 36066 | | XA107 | 60 | | | | | | | | | SPP | 01 | | | | | | | |
| 36067 | | XA107 | 61 | | | | | | | | | SPP | 01 | | | | | | | |
| 36068 | | XA107 | 62 | | | | | | | | | SPP | 01 | | | | | | | |
| 36069 | | XA107 | 63 | | | | | | | | | SPP | 01 | | | | | | | |
| 36070 | | XA107 | 64 | | | | | | | | | SPP | 01 | | | | | | | |
| 36071 | | XA107 | 65 | | | | | | | | | SPP | 01 | | | | | | | |
| 36072 | | XA107 | 66 | | | | | | | | | SPP | 01 | | | | | | | |
| 33291 | | XA107 | 67 | | | | | | | | | GND | 01 | | | | | | | |
| 36073 | | XA107 | 68 | | | | | | | | | SPP | 01 | | | | | | | |
| CONNECTOR (XA107) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA107
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 18

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO | |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|----------------|
| | PREFIX | CONNECTOR | PIN | SP. FC | PREFIX | CONNECTOR | PIN | SP. FC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | SP. TEST POINT |
| 36074 | | XA107 | 69 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36075 | | XA107 | 70 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36076 | | XA107 | 71 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36077 | | XA107 | 72 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36078 | | XA107 | 73 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36079 | | XA107 | 74 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36080 | | XA107 | 75 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36081 | | XA107 | 76 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36082 | | XA107 | 77 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36083 | | XA107 | 78 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36084 | | XA107 | 79 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36085 | | XA107 | 80 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36086 | | XA108 | 01 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33292 | | XA108 | 02 | | | | | | | | | | GND | 01 | | | | | | | | | | |
| 36087 | | XA108 | 03 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36088 | | XA108 | 04 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36089 | | XA108 | 05 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36090 | | XA108 | 06 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36091 | | XA108 | 07 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36092 | | XA108 | 08 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36093 | | XA108 | 09 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36094 | | XA108 | 10 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36095 | | XA108 | 11 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33031 | | XA108 | 12 | | | | | | | | | | +5V | 01 | | | | | | | | | | |
| 36096 | | XA108 | 13 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36097 | | XA108 | 14 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36098 | | XA108 | 15 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33293 | | XA108 | 16 | | | | | | | | | | GND | 01 | | | | | | | | | | |
| 36099 | | XA108 | 17 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36100 | | XA108 | 18 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36101 | | XA108 | 19 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36102 | | XA108 | 20 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36103 | | XA108 | 21 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36104 | | XA108 | 22 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36105 | | XA108 | 23 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36106 | | XA108 | 24 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36107 | | XA108 | 25 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36108 | | XA108 | 26 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36109 | | XA108 | 27 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33032 | | XA108 | 28 | | | | | | | | | | +5V | 01 | | | | | | | | | | |
| 36110 | | XA108 | 29 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36111 | | XA108 | 30 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36112 | | XA108 | 31 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33294 | | XA108 | 32 | | | | | | | | | | GND | 01 | | | | | | | | | | |
| 36113 | | XA108 | 33 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36114 | | XA108 | 34 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36115 | | XA108 | 35 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36116 | | XA108 | 36 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| CONNECTOR (XA108) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA108
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 19

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | | | SIGNAL | SEQ NO | EQUIP | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|---------|-------------|------|-------|-------|------------------|--------|--------|-------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | WIRE NO | MULTI GROUP | CODE | COLOR | IDENT | SPEC INSTE M/SEC | | | | | | | | | | | |
| 36117 | | XA108 | 37 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36118 | | XA108 | 38 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36119 | | XA108 | 39 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36120 | | XA108 | 40 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36121 | | XA108 | 41 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36122 | | XA108 | 42 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36123 | | XA108 | 43 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33295 | | XA108 | 44 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 36124 | | XA108 | 45 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36125 | | XA108 | 46 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36126 | | XA108 | 47 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36127 | | XA108 | 48 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36128 | | XA108 | 49 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36129 | | XA108 | 50 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36130 | | XA108 | 51 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36131 | | XA108 | 52 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36132 | | XA108 | 53 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36133 | | XA108 | 54 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36134 | | XA108 | 55 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36135 | | XA108 | 56 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36136 | | XA108 | 57 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33296 | | XA108 | 58 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 36137 | | XA108 | 59 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36138 | | XA108 | 60 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36139 | | XA108 | 61 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36140 | | XA108 | 62 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36141 | | XA108 | 63 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36142 | | XA108 | 64 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36143 | | XA108 | 65 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36144 | | XA108 | 66 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33297 | | XA108 | 67 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 36145 | | XA108 | 68 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36146 | | XA108 | 69 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36147 | | XA108 | 70 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36148 | | XA108 | 71 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36149 | | XA108 | 72 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36150 | | XA108 | 73 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36151 | | XA108 | 74 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36152 | | XA108 | 75 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36153 | | XA108 | 76 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36154 | | XA108 | 77 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36155 | | XA108 | 78 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36156 | | XA108 | 79 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36157 | | XA108 | 80 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36158 | | XA109 | 01 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33298 | | XA109 | 02 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 36159 | | XA109 | 03 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36160 | | XA109 | 04 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| CONNECTOR (XA109) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA109
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 20

| RECORD NUMBER | FROM | | | SH IFC | TO | | | SH IFC | MULTI GROUP | WIRE | | | | SPP | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO | |
|---------------|-----------|-----------|-----|--------|--------------|-----------|---------------|--------|-------------|------|-------|------|-----|-----|--------|--------|----------|------|--------|------------------|-------|---------------------|-------------|--|--------------------|--------|--|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | | | CODE | COLOR | IDEN | AND | | | | | | | | | | OR | | | | |
| 36161 | | XA109 | 05 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36162 | | XA109 | 06 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36163 | | XA109 | 07 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36164 | | XA109 | 08 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36165 | | XA109 | 09 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36166 | | XA109 | 10 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36167 | | XA109 | 11 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 33033 | | XA109 | 12 | | | | | | | | | | | +5V | 01 | | | | | | | | | | | | |
| 36168 | | XA109 | 13 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36169 | | XA109 | 14 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36170 | | XA109 | 15 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 33299 | | XA109 | 16 | | | | | | | | | | | GND | 01 | | | | | | | | | | | | |
| 36171 | | XA109 | 17 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36172 | | XA109 | 18 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36173 | | XA109 | 19 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36174 | | XA109 | 20 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36175 | | XA109 | 21 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36176 | | XA109 | 22 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36177 | | XA109 | 23 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36178 | | XA109 | 24 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36179 | | XA109 | 25 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36180 | | XA109 | 26 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36181 | | XA109 | 27 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 33034 | | XA109 | 28 | | | | | | | | | | | +5V | 01 | | | | | | | | | | | | |
| 36182 | | XA109 | 29 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36183 | | XA109 | 30 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36184 | | XA109 | 31 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 33300 | | XA109 | 32 | | | | | | | | | | | GND | 01 | | | | | | | | | | | | |
| 36185 | | XA109 | 33 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36186 | | XA109 | 34 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36187 | | XA109 | 35 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36188 | | XA109 | 36 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36189 | | XA109 | 37 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36190 | | XA109 | 38 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36191 | | XA109 | 39 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36192 | | XA109 | 40 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36193 | | XA109 | 41 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36194 | | XA109 | 42 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36195 | | XA109 | 43 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 33301 | | XA109 | 44 | | | | | | | | | | | GND | 01 | | | | | | | | | | | | |
| 36196 | | XA109 | 45 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36197 | | XA109 | 46 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36198 | | XA109 | 47 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36199 | | XA109 | 48 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36200 | | XA109 | 49 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36201 | | XA109 | 50 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36202 | | XA109 | 51 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36203 | | XA109 | 52 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36204 | | XA109 | 53 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 36205 | | XA109 | 54 | | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| | CONNECTOR | XA109 | | | CONTINUED ON | | THE NEXT PAGE | **** | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA109
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC5 FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 21

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|------|--------|-----------|-----|------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|-----------------|-----|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | THRU | PREFIX | CONNECTOR | PIN | THRU | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | SPEC INST. MISC | AND | | |
| 36206 | | XA109 | 55 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36207 | | XA109 | 56 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36208 | | XA109 | 57 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33302 | | XA109 | 58 | | | | | | | | | | GND | 01 | | | | | | | | | | |
| 36209 | | XA109 | 59 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36210 | | XA109 | 60 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36211 | | XA109 | 61 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36212 | | XA109 | 62 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36213 | | XA109 | 63 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36214 | | XA109 | 64 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36215 | | XA109 | 65 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36216 | | XA109 | 66 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33303 | | XA109 | 67 | | | | | | | | | | GND | 01 | | | | | | | | | | |
| 36217 | | XA109 | 68 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36218 | | XA109 | 69 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36219 | | XA109 | 70 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36220 | | XA109 | 71 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36221 | | XA109 | 72 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36222 | | XA109 | 73 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36223 | | XA109 | 74 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36224 | | XA109 | 75 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36225 | | XA109 | 76 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36226 | | XA109 | 77 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36227 | | XA109 | 78 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36228 | | XA109 | 79 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36229 | | XA109 | 80 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36230 | | XA110 | 01 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33304 | | XA110 | 02 | | | | | | | | | | GND | 01 | | | | | | | | | | |
| 36231 | | XA110 | 03 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36232 | | XA110 | 04 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36233 | | XA110 | 05 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36234 | | XA110 | 06 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36235 | | XA110 | 07 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36236 | | XA110 | 08 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36237 | | XA110 | 09 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36238 | | XA110 | 10 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36239 | | XA110 | 11 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33035 | | XA110 | 12 | | | | | | | | | | +5V | 01 | | | | | | | | | | |
| 36240 | | XA110 | 13 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36241 | | XA110 | 14 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36242 | | XA110 | 15 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33305 | | XA110 | 16 | | | | | | | | | | GND | 01 | | | | | | | | | | |
| 36243 | | XA110 | 17 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36244 | | XA110 | 18 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36245 | | XA110 | 19 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36246 | | XA110 | 20 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36247 | | XA110 | 21 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36248 | | XA110 | 22 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| CONNECTOR (XA110) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA110
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC5 FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 22

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO | |
|---------------|-----------|-----------|--------------------------------|------|--------|-----------|-----|------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|-------------|----|--------------------|--------|--|
| | PREFIX | CONNECTOR | PIN | SH/L | PREFIX | CONNECTOR | PIN | SH/L | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | AND | OR | | | |
| 36249 | | XA110 | 23 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36250 | | XA110 | 24 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36251 | | XA110 | 25 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36252 | | XA110 | 26 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36253 | | XA110 | 27 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 33036 | | XA110 | 28 | | | | | | | | | | +5V | 01 | | | | | | | | | | | |
| 36254 | | XA110 | 29 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36255 | | XA110 | 30 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36256 | | XA110 | 31 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 33306 | | XA110 | 32 | | | | | | | | | | GND | 01 | | | | | | | | | | | |
| 36257 | | XA110 | 33 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36258 | | XA110 | 34 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36259 | | XA110 | 35 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36260 | | XA110 | 36 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36261 | | XA110 | 37 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36262 | | XA110 | 38 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36263 | | XA110 | 39 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36264 | | XA110 | 40 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36265 | | XA110 | 41 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36266 | | XA110 | 42 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36267 | | XA110 | 43 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 33307 | | XA110 | 44 | | | | | | | | | | GND | 01 | | | | | | | | | | | |
| 36268 | | XA110 | 45 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36269 | | XA110 | 46 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36270 | | XA110 | 47 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36271 | | XA110 | 48 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36272 | | XA110 | 49 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36273 | | XA110 | 50 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36274 | | XA110 | 51 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36275 | | XA110 | 52 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36276 | | XA110 | 53 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36277 | | XA110 | 54 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36278 | | XA110 | 55 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36279 | | XA110 | 56 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36280 | | XA110 | 57 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 33308 | | XA110 | 58 | | | | | | | | | | GND | 01 | | | | | | | | | | | |
| 36281 | | XA110 | 59 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36282 | | XA110 | 60 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36283 | | XA110 | 61 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36284 | | XA110 | 62 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36285 | | XA110 | 63 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36286 | | XA110 | 64 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36287 | | XA110 | 65 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36288 | | XA110 | 66 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 33309 | | XA110 | 67 | | | | | | | | | | GND | 01 | | | | | | | | | | | |
| 36289 | | XA110 | 68 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36290 | | XA110 | 69 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36291 | | XA110 | 70 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36292 | | XA110 | 71 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36293 | | XA110 | 72 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| | CONNECTOR | XA110 | CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA110
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 23

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO | |
|---------------|-----------|-----------|--------------------------------|--------|-----------|-----|---------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|--|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | WIRE NO | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | |
| 36294 | | XA110 | 73 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36295 | | XA110 | 74 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36296 | | XA110 | 75 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36297 | | XA110 | 76 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36298 | | XA110 | 77 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36299 | | XA110 | 78 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36300 | | XA110 | 79 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36301 | | XA110 | 80 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36302 | | XA111 | 01 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33310 | | XA111 | 02 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 36303 | | XA111 | 03 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36304 | | XA111 | 04 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36305 | | XA111 | 05 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36306 | | XA111 | 06 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36307 | | XA111 | 07 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36308 | | XA111 | 08 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36309 | | XA111 | 09 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36310 | | XA111 | 10 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36311 | | XA111 | 11 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33037 | | XA111 | 12 | | | | | | | | | +5V | 01 | | | | | | | | | | |
| 36312 | | XA111 | 13 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36313 | | XA111 | 14 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36314 | | XA111 | 15 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33311 | | XA111 | 16 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 36315 | | XA111 | 17 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36316 | | XA111 | 18 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36317 | | XA111 | 19 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36318 | | XA111 | 20 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36319 | | XA111 | 21 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36320 | | XA111 | 22 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36321 | | XA111 | 23 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36322 | | XA111 | 24 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36323 | | XA111 | 25 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36324 | | XA111 | 26 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36325 | | XA111 | 27 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33038 | | XA111 | 28 | | | | | | | | | +5V | 01 | | | | | | | | | | |
| 36326 | | XA111 | 29 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36327 | | XA111 | 30 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36328 | | XA111 | 31 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33312 | | XA111 | 32 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 36329 | | XA111 | 33 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36330 | | XA111 | 34 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36331 | | XA111 | 35 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36332 | | XA111 | 36 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36333 | | XA111 | 37 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36334 | | XA111 | 38 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36335 | | XA111 | 39 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36336 | | XA111 | 40 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| | CONNECTOR | XA111 | CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA111
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 24

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | SRQP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO | |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|------|---------------------|-------------|-------|--------------------|--------|-----|
| | PREFIX | CONNECTOR | PIN | DR TO | PREFIX | CONNECTOR | PIN | DR TO | MULTI GROUP | CODE | COLOR | IDEN1 | | | | | | | | | SPC INET | INUSE | | | AND |
| 36337 | | XA111 | 41 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36338 | | XA111 | 42 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36339 | | XA111 | 43 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 33313 | | XA111 | 44 | | | | | | | | | | GND | 01 | | | | | | | | | | | |
| 36340 | | XA111 | 45 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36341 | | XA111 | 46 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36342 | | XA111 | 47 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36343 | | XA111 | 48 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36344 | | XA111 | 49 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36345 | | XA111 | 50 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36346 | | XA111 | 51 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36347 | | XA111 | 52 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36348 | | XA111 | 53 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36349 | | XA111 | 54 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36350 | | XA111 | 55 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36351 | | XA111 | 56 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36352 | | XA111 | 57 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 33314 | | XA111 | 58 | | | | | | | | | | GND | 01 | | | | | | | | | | | |
| 36353 | | XA111 | 59 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36354 | | XA111 | 60 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36355 | | XA111 | 61 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36356 | | XA111 | 62 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36357 | | XA111 | 63 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36358 | | XA111 | 64 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36359 | | XA111 | 65 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36360 | | XA111 | 66 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 33315 | | XA111 | 67 | | | | | | | | | | GND | 01 | | | | | | | | | | | |
| 36361 | | XA111 | 68 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36362 | | XA111 | 69 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36363 | | XA111 | 70 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36364 | | XA111 | 71 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36365 | | XA111 | 72 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36366 | | XA111 | 73 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36367 | | XA111 | 74 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36368 | | XA111 | 75 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36369 | | XA111 | 76 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36370 | | XA111 | 77 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36371 | | XA111 | 78 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36372 | | XA111 | 79 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36373 | | XA111 | 80 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36374 | | XA112 | 01 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 33316 | | XA112 | 02 | | | | | | | | | | GND | 01 | | | | | | | | | | | |
| 36375 | | XA112 | 03 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36376 | | XA112 | 04 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36377 | | XA112 | 05 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36378 | | XA112 | 06 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36379 | | XA112 | 07 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36380 | | XA112 | 08 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| CONNECTOR XA112 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA112
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 25

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|--|---------|-----------|-----|-----|--------|-----------|------|----|----|-------------|------|--------|--------|----------|------|--------|------------------|-------|---------------------|-------------|-------|--------------------|--------|
| | *PREFIX | CONNECTOR | PIN | SUF | PREFIX | CONNECTOR | PIN | DI | FE | MULTI GROUP | CODE | | | | | | | | | COLOR | IDENT | | |
| 36381 | | XA112 | 09 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36382 | | XA112 | 10 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36383 | | XA112 | 11 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 33039 | | XA112 | 12 | | | | | | | | | | +5V | 01 | | | | | | | | | |
| 36384 | | XA112 | 13 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36385 | | XA112 | 14 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36386 | | XA112 | 15 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 33317 | | XA112 | 16 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36387 | | XA112 | 17 | | | | | | | | | | GND | 01 | | | | | | | | | |
| 36388 | | XA112 | 18 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36389 | | XA112 | 19 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36390 | | XA112 | 20 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36391 | | XA112 | 21 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36392 | | XA112 | 22 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36393 | | XA112 | 23 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36394 | | XA112 | 24 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36395 | | XA112 | 25 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36396 | | XA112 | 26 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36397 | | XA112 | 27 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 33040 | | XA112 | 28 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36398 | | XA112 | 29 | | | | | | | | | | +5V | 01 | | | | | | | | | |
| 36399 | | XA112 | 30 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36400 | | XA112 | 31 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 33318 | | XA112 | 32 | | | | | | | | | | GND | 01 | | | | | | | | | |
| 36401 | | XA112 | 33 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36402 | | XA112 | 34 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36403 | | XA112 | 35 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36404 | | XA112 | 36 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36405 | | XA112 | 37 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36406 | | XA112 | 38 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36407 | | XA112 | 39 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36408 | | XA112 | 40 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36409 | | XA112 | 41 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36410 | | XA112 | 42 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36411 | | XA112 | 43 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 33319 | | XA112 | 44 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36412 | | XA112 | 45 | | | | | | | | | | GND | 01 | | | | | | | | | |
| 36413 | | XA112 | 46 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36414 | | XA112 | 47 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36415 | | XA112 | 48 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36416 | | XA112 | 49 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36417 | | XA112 | 50 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36418 | | XA112 | 51 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36419 | | XA112 | 52 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36420 | | XA112 | 53 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36421 | | XA112 | 54 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36422 | | XA112 | 55 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36423 | | XA112 | 56 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36424 | | XA112 | 57 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 33320 | | XA112 | 58 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| | | | | | | | | | | | | | GND | 01 | | | | | | | | | |
| CONNECTOR (XA112) CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA112
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 26

| RECORD NUMBER | FROM | | | | TO | | | | | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO | |
|---------------|--------|----------------------------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|--|
| | PREFIX | CONNECTOR | PIN | IN FC | PREFIX | CONNECTOR | PIN | IN FC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | |
| 36425 | | XA112 | 59 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36426 | | XA112 | 60 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36427 | | XA112 | 61 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36428 | | XA112 | 62 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36429 | | XA112 | 63 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36430 | | XA112 | 64 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36431 | | XA112 | 65 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36432 | | XA112 | 66 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33321 | | XA112 | 67 | | | | | | | | | | GND | 01 | | | | | | | | | | |
| 36433 | | XA112 | 68 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36434 | | XA112 | 69 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36435 | | XA112 | 70 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36436 | | XA112 | 71 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36437 | | XA112 | 72 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36438 | | XA112 | 73 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36439 | | XA112 | 74 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36440 | | XA112 | 75 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36441 | | XA112 | 76 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36442 | | XA112 | 77 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36443 | | XA112 | 78 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36444 | | XA112 | 79 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36445 | | XA112 | 80 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 34036 | | XA113 | 01 | | | XA113 | 18 | | | 16B | 9 | | KK1290 | 01 | KAEBRA | 01 | 1 | TS8 | A1 | | 02B | | | |
| 33322 | | XA113 | 02 | | | | | | | | | | GND | 01 | | | | | | | 01A | | | |
| 33118 | | XA113 | 03 | | | | | | | | | | DNW | 01 | | | | | | | | | | |
| 33970 | | XA113 | 04 | | | XA122 | 01 | | | 16B | 9 | | KK08C0 | 02 | KAEBRA | 01 | 2 | TS8 | A1 | | 04A | | | |
| 33951 | | XA113 | 05 | | | XA113 | 20 | | | 16B | 9 | | KK04F0 | 01 | KAEBRA | 01 | 3 | TS8 | A1 | | 03B | | | |
| 33927 | | XA113 | 06 | | | | | | | | | | KK03F0 | 02 | KAEBRA | 01 | 4 | TS8 | A1 | | 05A | | | |
| 34410 | | XA113 | 07 | | | XA113 | 37 | | | 16B | 9 | | KXCP3B | 25 | KAEBRA | 01 | 5 | TS8 | A1 | | 03A | | | |
| 35161 | | XA113 | 08 | | | XA114 | 13 | | | 16B | 9 | | SPI0011 | 23 | KAEBRA | 01 | 6 | TS8 | A1 | | 06A | | | |
| 33119 | | XA113 | 09 | | | | | | | | | | DNW | 01 | | | | | | | | | | |
| 35207 | | XA113 | 10 | | | XA116 | 15 | | | 16B | 9 | | SPI0031 | 01 | KAEBRA | 01 | 7 | TS8 | A1 | | 07A | | | |
| 33567 | | XA113 | 11 | | | | | | | | | | KAEBRA | 02 | KAEBRA | 00 | 1 | TS8 | A1 | | 05B | RESET OUTPUT COMMA | | |
| 33041 | | XA113 | 12 | | | | | | | | | | +5V | 01 | | | | | | | | | | |
| 35190 | | XA113 | 13 | | | XA113 | 25 | | | 16B | 9 | | SPI0021 | 15 | KAEBRA | 01 | 8 | TS8 | A1 | | 06B | | | |
| 33613 | | XA113 | 14 | | | XA120 | 38 | | | 16B | 9 | | KAEOBS | 01 | KAQERA | 01 | 1 | TS8 | B1 | | 09A | | | |
| 33120 | | XA113 | 15 | | | | | | | | | | DNW | 01 | | | | | | | | | | |
| 33323 | | XA113 | 16 | | | | | | | | | | GND | 01 | | | | | | | | 21B | | |
| 33121 | | XA113 | 17 | | | | | | | | | | DNW | 01 | | | | | | | | | | |
| 34037 | | XA113 | 18 | | | XA113 | 34 | | | 16B | 9 | | KK1290 | 02 | KAQERA | 01 | 2 | TS8 | B1 | | 10A | | | |
| 33969 | | XA113 | 19 | | | XA113 | 04 | | | 16B | 9 | | KK08C0 | 01 | KAQERA | 01 | 3 | TS8 | B1 | | 09B | | | |
| 33952 | | XA113 | 20 | | | XA123 | 15 | | | 16B | 9 | | KK04F0 | 02 | KAQERA | 01 | 4 | TS8 | B1 | | 11A | | | |
| 33122 | | XA113 | 21 | | | | | | | | | | DNW | 01 | | | | | | | | | | |
| 33923 | | XA113 | 22 | | | XA119 | 01 | | | 16B | 9 | | KK03F0 | 01 | KAQERA | 01 | 5 | TS8 | B1 | | 12A | | | |
| 33647 | | XA113 | 23 | | | | | | | | | | KAQERA | 02 | KAQERA | 00 | 1 | TS8 | B1 | | 11B | RESET AUTO OUTPUT | | |
| 34409 | | XA113 | 24 | | | XA113 | 07 | | | 16B | 9 | | KXCP3B | 24 | KAQERA | 01 | 6 | TS8 | B1 | | 13A | | | |
| 35191 | | XA113 | 25 | | | XA113 | 38 | | | 16B | 9 | | SPI0021 | 16 | KAQERA | 01 | 7 | TS8 | B1 | | 12B | | | |
| 35163 | | XA113 | 26 | | | XA114 | 26 | | | 16B | 9 | | SPI0011 | 25 | KAQERA | 01 | 8 | TS8 | B1 | | 14A | | | |
| CONNECTOR | XA113 | CONTINUED ON THE NEXT PAGE | | | | | | | | | | **** | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA113
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 27

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|----|--------|-----------|-----|----|------|----|-------------|------|--------|---------|----------|--------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | LC | PREFIX | CONNECTOR | PIN | LC | SH | FO | MULTI GROUP | CODE | | | | | | | | | | | |
| 33123 | | XA113 | 27 | | | | | | | | | | | DNW | 01 | | | TS8 | | | | | |
| 33042 | | XA113 | 28 | | | | | | | | | | | +5V | 01 | | | TS8 | | | | | |
| 33124 | | XA113 | 29 | | | | | | | | | | | DNW | 01 | | | TS8 | | | | | |
| 33758 | | XA113 | 30 | | | XA115 | 37 | | | | 16B | 9 | | KDOUTQ | 06 | KAEN2A | 01 1 | TS8 | C1 | | 15A | | |
| 33643 | | XA113 | 31 | | | XA115 | 38 | | | | 16B | 9 | | KAOENS | 04 | KAEN2A | 01 2 | TS8 | C1 | | 15B | | |
| 33324 | | XA113 | 32 | | | | | | | | | | | GND | 01 | | | TS8 | | | 27A | | |
| 33125 | | XA113 | 33 | | | | | | | | | | | DNW | 01 | | | TS8 | | | | | |
| 34038 | | XA113 | 34 | | | XA114 | 73 | | | | 16B | 9 | | KK1290 | 03 | KAEN2A | 01 3 | TS8 | C1 | | 16A | | |
| 33587 | | XA113 | 35 | | | XA124 | 48 | | | | 16B | 9 | | KAEN2A | 01 | KAEN2A | 00 1 | TS8 | C1 | | 17B | | |
| 33891 | | XA113 | 36 | | | XA121 | 70 | | | | 16B | 9 | | KKPE00 | 01 | KAEN2A | 01 4 | TS8 | C1 | | 17A | | |
| 34411 | | XA113 | 37 | | | XA114 | 40 | | | | 16B | 9 | | KXCP3B | 26 | KAEN2A | 01 5 | TS8 | C1 | | 18B | B04 | |
| 35192 | | XA113 | 38 | | | XA113 | 77 | | | | 16B | 9 | | SPIO021 | 17 | KAEN2A | 01 6 | TS8 | C1 | | 18A | C02 | |
| 33126 | | XA113 | 39 | | | | | | | | | | | DNW | 01 | | | TS8 | | | | | |
| 35169 | | XA113 | 40 | | | XA113 | 56 | | | | 16B | 9 | | SPIO011 | 31 | KAEN2A | 01 7 | TS8 | C1 | | 19A | | |
| 33127 | | XA113 | 41 | | | | | | | | | | | DNW | 01 | | | TS8 | | | | | |
| 35220 | | XA113 | 42 | | | XA113 | 78 | | | | 16B | 9 | | SPIO031 | 14 | KAEN2A | 01 8 | TS8 | C1 | | 20A | C02 | |
| 34465 | | XA113 | 43 | | | XA135 | 38 | | | | 16B | 9 | | KXDV55 | 02 | KXDV3A | 01 1 | TS8 | D1 | | 23B | | |
| 33325 | | XA113 | 44 | | | | | | | | | | | GND | 01 | | | TS8 | | | 40A | | |
| 33128 | | XA113 | 45 | | | | | | | | | | | DNW | 01 | | | TS8 | | | | | |
| 34942 | | XA113 | 46 | | | XA131 | 31 | | | | 16B | 9 | | KXXB20 | 02 | KXDV3A | 01 2 | TS8 | D1 | | 21A | | |
| 34481 | | XA113 | 47 | | | | | | | | | | | KXDV3A | 02 | KXDV3A | 00 1 | TS8 | D1 | | 25B | START END INPUT CO | |
| 34853 | | XA113 | 48 | | | XA114 | 05 | | | | 16B | 9 | | KXXA0P | 01 | KXDV3A | 01 3 | TS8 | D1 | | 22A | | |
| 34872 | | XA113 | 49 | | | | | | | | | | | KXXA1Q | 08 | KXDV3A | 01 4 | TS8 | D1 | | 26B | | |
| 33815 | | XA113 | 50 | | | | | | | | | | | KENTNO | 02 | KXDV3A | 01 5 | TS8 | D1 | | 23A | | |
| 33129 | | XA113 | 51 | | | | | | | | | | | DNW | 01 | | | TS8 | | | | | |
| 34703 | | XA113 | 52 | | | XA114 | 08 | | | | 16B | 9 | | KXROPA | 01 | KXDV3A | 01 6 | TS8 | D1 | | 24A | | |
| 33130 | | XA113 | 53 | | | | | | | | | | | DNW | 01 | | | TS8 | | | | | |
| 34477 | | XA113 | 54 | | | | | | | | | | | KXDV2A | 02 | KXDV3A | 01 7 | TS8 | D1 | | 25A | | |
| 35171 | | XA113 | 55 | | | | | | | | | | | KD00BP | 02 | KNULLA | 01 1 | TS8 | E1 | | 29B | C02 | |
| 35170 | | XA113 | 56 | | | XA115 | 49 | | | | 16B | 9 | | SPIO011 | 32 | KXDV3A | 01 8 | TS8 | D1 | | 26A | C02 | |
| 33131 | | XA113 | 57 | | | | | | | | | | | DNW | 01 | | | TS8 | | | | | |
| 33326 | | XA113 | 58 | | | | | | | | | | | GND | 01 | | | TS8 | | | | | |
| 36735 | | XA113 | 59 | | | XA115 | 42 | | | | 16B | 9 | | KNULLA | 01 | KNULLA | 00 1 | TS8 | E1 | | 31B | C02 | |
| 35221 | | XA113 | 60 | | | XA114 | 46 | | | | 16B | 9 | | KD01BP | 005 | KNULLA | 01 2 | TS8 | E1 | | 28A | C02 | |
| 35193 | | XA113 | 61 | | | XA114 | 48 | | | | 16B | 9 | | KD02BP | 005 | KNULLA | 01 3 | TS8 | E1 | | 32B | C02 | |
| 35278 | | XA113 | 62 | | | XA114 | 49 | | | | 16B | 9 | | KD03BP | 005 | KNULLA | 01 4 | TS8 | E1 | | 29A | C02 | |
| 33132 | | XA113 | 63 | | | | | | | | | | | DNW | 01 | | | TS8 | | | | | |
| 35251 | | XA113 | 64 | | | XA114 | 50 | | | | 16B | 9 | | KD04BP | 005 | KNULLA | 01 5 | TS8 | E1 | | 30A | C02 | |
| 33133 | | XA113 | 65 | | | | | | | | | | | DNW | 01 | | | TS8 | | | | | |
| 35301 | | XA113 | 66 | | | XA116 | 41 | | | | 16B | 9 | | KD05BP | 005 | KNULLA | 01 6 | TS8 | E1 | | 31A | C02 | |
| 33327 | | XA113 | 67 | | | | | | | | | | | GND | 01 | | | TS8 | | | | | |
| 35290 | | XA113 | 68 | | | XA116 | 39 | | | | 16B | 9 | | KD06BP | 005 | KNULLA | 01 7 | TS8 | E1 | | 32A | C02 | |
| 33134 | | XA113 | 69 | | | | | | | | | | | DNW | 01 | | | TS8 | | | | | |
| 35302 | | XA113 | 70 | | | XA116 | 37 | | | | 16B | 9 | | KD07BP | 005 | KNULLA | 01 8 | TS8 | E1 | | 33A | C02 | |
| 34100 | | XA113 | 71 | | | XA132 | 74 | | | | 16B | 9 | | KSC11A | 01 | KINT10 | 01 1 | TS8 | F1 | | 36A | | |
| 33820 | | XA113 | 72 | | | XA118 | 29 | | | | 16B | 9 | | KETX1A | 01 | KINT10 | 01 2 | TS8 | F1 | | 34A | | |
| 33634 | | XA113 | 73 | | | | | | | | | | | KAIERA | 04 | KINT10 | 01 3 | TS8 | F1 | | 36B | | |
| 34082 | | XA113 | 74 | | | | | | | | | | | KPINTA | 02 | KINT10 | 01 4 | TS8 | F1 | | 35B | | |
| 35140 | | XA113 | 75 | | | XA114 | 78 | | | | 16B | 9 | | SPIO011 | 02 | KINT10 | 01 5 | TS8 | F1 | | 37B | | |
| 33874 | | XA113 | 76 | | | | | | | | | | | KINT10 | 03 | KINT10 | 00 1 | TS8 | F1 | | 37A | END OF DEV COMMAND | |
| CONNECTOR XA113 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA113
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 28

| RECORD NUMBER | FROM | | | SH TO | TO | | | WIRE | | | SPEC INSET MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO | |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-----------------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|-------|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | SH TO | MULTI GROUP | CODE | | | | | | | | | | | | | COLOR |
| 35194 | | XA113 | 77 | | XA114 | 77 | | | 16B | 9 | | SPI0021 | 19 | KINT10 | 01 | 6 | TS8 | F1 | | 38B | | | |
| 35222 | | XA113 | 78 | | XA114 | 79 | | | 16B | 9 | | SPI0031 | 16 | KINT10 | 01 | 7 | TS8 | F1 | | 38A | | | |
| 35250 | | XA113 | 79 | | XA115 | 70 | | | 16B | 9 | | SPI0041 | 12 | KINT10 | 01 | 8 | TS8 | F1 | | 39B | | C02 | |
| 33135 | | XA113 | 80 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 34464 | | XA114 | 01 | | XA113 | 43 | | | 16B | 9 | | KXDVSS | 01 | KXSS0A | 01 | 1 | TS8 | A1 | | 02B | | | |
| 33328 | | XA114 | 02 | | | | | | | | | GND | 01 | | | | TS8 | | | 01A | | | |
| 33136 | | XA114 | 03 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 34941 | | XA114 | 04 | | XA113 | 46 | | | 16B | 9 | | KXXB20 | 01 | KXSS0A | 01 | 2 | TS8 | A1 | | 04A | | | |
| 34854 | | XA114 | 05 | | XA129 | 11 | | | 16B | 9 | | KXXAOP | 02 | KXSS0A | 01 | 3 | TS8 | A1 | | 03B | | | |
| 34871 | | XA114 | 06 | | XA113 | 49 | | | 16B | 9 | | KXXA1Q | 07 | KXSS0A | 01 | 4 | TS8 | A1 | | 05A | | | |
| 34792 | | XA114 | 07 | | XA127 | 46 | | | 16B | 9 | | KXSS0A | 01 | KXSS0A | 01 | 5 | TS8 | A1 | | 03A | | | |
| 34704 | | XA114 | 08 | | XA125 | 13 | | | 16B | 9 | | KXROPA | 02 | KXSS0A | 01 | 6 | TS8 | A1 | | 06A | | | |
| 33137 | | XA114 | 09 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 35189 | | XA114 | 10 | | XA113 | 13 | | | 16B | 9 | | SPI0021 | 14 | KXSS0A | 01 | 7 | TS8 | A1 | | 07A | | | |
| 34795 | | XA114 | 11 | | XA131 | 18 | | | 16B | 9 | | KXSS0A | 02 | KXSS0A | 00 | 1 | TS8 | A1 | | 05B | SOFTWARE STOP COMM | | |
| 33043 | | XA114 | 12 | | | | | | | | | +5V | 01 | | | | TS8 | | | | | | |
| 35162 | | XA114 | 13 | | XA113 | 26 | | | 16B | 9 | | SPI0011 | 24 | KXSS0A | 01 | 8 | TS8 | A1 | | 06B | | | |
| 33667 | | XA114 | 14 | | XA114 | 30 | | | 16B | 9 | | KDAINQ | 01 | KDP7RA | 01 | 1 | TS8 | B1 | | 09A | | | |
| 33138 | | XA114 | 15 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 33329 | | XA114 | 16 | | | | | | | | | GND | 01 | | | | TS8 | | | 21B | | | |
| 33139 | | XA114 | 17 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 33619 | | XA114 | 18 | | XA114 | 31 | | | 16B | 9 | | KAIENS | 01 | KDP7RA | 01 | 2 | TS8 | B1 | | 10A | | | |
| 33905 | | XA114 | 19 | | XA117 | 23 | | | 16B | 9 | | KKTCCP | 08 | KDP7RA | 01 | 3 | TS8 | B1 | | 09B | | | |
| 33979 | | XA114 | 20 | | XA114 | 37 | | | 16B | 9 | | KK0870 | 01 | KDP7RA | 01 | 4 | TS8 | B1 | | 11A | | | |
| 33140 | | XA114 | 21 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 33948 | | XA114 | 22 | | | | | | | | | KK0485U | 05 | KDP7RA | 01 | 5 | TS8 | B1 | | 12A | | | |
| 33720 | | XA114 | 23 | | XA124 | 57 | | | 16B | 9 | | KDP7RA | 01 | KDP7RA | 00 | 1 | TS8 | B1 | | 11B | RESET DATA REG. ON | | |
| 33997 | | XA114 | 24 | | XA119 | 22 | | | 16B | 9 | | KK1200 | 01 | KDP7RA | 01 | 6 | TS8 | B1 | | 13A | | | |
| 34408 | | XA114 | 25 | | XA113 | 24 | | | 16B | 9 | | KXCP3B | 23 | KDP7RA | 01 | 7 | TS8 | B1 | | 12B | | | |
| 35164 | | XA114 | 26 | | XA116 | 29 | | | 16B | 9 | | SPI0011 | 26 | KDP7RA | 01 | 8 | TS8 | B1 | | 14A | | | |
| 33141 | | XA114 | 27 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 33044 | | XA114 | 28 | | | | | | | | | +5V | 01 | | | | TS8 | | | | | | |
| 33142 | | XA114 | 29 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 33669 | | XA114 | 30 | | XA114 | 71 | | | 16B | 9 | | KDAINQ | 03 | KDP7SA | 01 | 1 | TS8 | C1 | | 15A | | | |
| 33620 | | XA114 | 31 | | XA116 | 59 | | | 16B | 9 | | KATENS | 02 | KDP7SA | 01 | 2 | TS8 | C1 | | 15B | | | |
| 33330 | | XA114 | 32 | | | | | | | | | GND | 01 | | | | TS8 | | | 27A | | | |
| 33143 | | XA114 | 33 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 33831 | | XA114 | 34 | | | | | | | | | KEYIN0 | 02 | KDP7SA | 01 | 3 | TS8 | C1 | | 16A | | | |
| 33723 | | XA114 | 35 | | | | | | | | | KDP7SA | 02 | KDP7SA | 00 | 1 | TS8 | C1 | | 17B | LOAD DATA REGISTER | | |
| 33904 | | XA114 | 36 | | XA114 | 19 | | | 16B | 9 | | KKTCCP | 07 | KDP7SA | 01 | 4 | TS8 | C1 | | 17A | | | |
| 33980 | | XA114 | 37 | | XA123 | 66 | | | 16B | 9 | | KK0870 | 02 | KDP7SA | 01 | 5 | TS8 | C1 | | 18B | | | |
| 33947 | | XA114 | 38 | | XA114 | 22 | | | 16B | 9 | | KK0485U | 04 | KDP7SA | 01 | 6 | TS8 | C1 | | 18A | | | |
| 33144 | | XA114 | 39 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 34412 | | XA114 | 40 | | XA114 | 64 | | | 16B | 9 | | KXCP3B | 27 | KDP7SA | 01 | 7 | TS8 | C1 | | 19A | | | |
| 33145 | | XA114 | 41 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 35168 | | XA114 | 42 | | XA113 | 40 | | | 16B | 9 | | SPI0011 | 30 | KDP7SA | 01 | 8 | TS8 | C1 | | 20A | | | |
| 33749 | | XA114 | 43 | | XA130 | 55 | | | 16B | 9 | | KDOPBQ | 01 | KETX0A | 01 | 1 | TS8 | D1 | | 23B | | | |
| 33331 | | XA114 | 44 | | | | | | | | | GND | 01 | | | | TS8 | | | 40A | | | |
| CONNECTOR (XA114) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA114
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 29

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|--|--------|-----------|-----|--------|-----------|-----|-------------|------|-------|-------|---------|--------|----------|------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 33146 | | XA114 | 45 | | | | | | | | DNW | 01 | | | | | | | | | |
| 33765 | | XA114 | 46 | | XA116 | 50 | | 16B | 9 | | KD01BP | 01 | KETXOA | 01 | 2 | TS8 | D1 | | 21A | | |
| 33817 | | XA114 | 47 | | | | | | | | KETXOA | 02 | KETXOA | 00 | 1 | TS8 | D1 | | 25B | EXT CHARACTER IS | |
| 33772 | | XA114 | 48 | | XA116 | 47 | | 16B | 9 | | KD02BP | 01 | KETXOA | 01 | 3 | TS8 | D1 | | 22A | | |
| 33779 | | XA114 | 49 | | XA116 | 45 | | 16B | 9 | | KD03BP | 01 | KETXOA | 01 | 4 | TS8 | D1 | | 26B | | |
| 33786 | | XA114 | 50 | | XA116 | 43 | | 16B | 9 | | KD04BP | 01 | KETXOA | 01 | 5 | TS8 | D1 | | 23A | | |
| 33147 | | XA114 | 51 | | | | | | | | DNW | 01 | | | | | | | | | |
| 33794 | | XA114 | 52 | | XA128 | 57 | | 16B | 9 | | KD05BP | 02 | KETXOA | 01 | 6 | TS8 | D1 | | 24A | | |
| 33148 | | XA114 | 53 | | | | | | | | DNW | 01 | | | | | | | | | |
| 33802 | | XA114 | 54 | | XA116 | 70 | | 16B | 9 | | KD06BQ | 01 | KETXOA | 01 | 7 | TS8 | D1 | | 25A | | |
| 34107 | | XA114 | 55 | | XA123 | 09 | | 16B | 9 | | KSNCOA | 01 | KSNCOA | 01 | 1 | TS8 | E1 | | 29B | | |
| 33811 | | XA114 | 56 | | | | | | | | KD07BQ | 03 | KETXOA | 01 | 8 | TS8 | D1 | | 26A | | |
| 33149 | | XA114 | 57 | | | | | | | | DNW | 01 | | | | | | | | | |
| 33332 | | XA114 | 58 | | | | | | | | GND | 01 | | | | | | | | | |
| 34103 | | XA114 | 59 | | | | | | | | KSNCOA | 02 | KSNCOA | 00 | 1 | TS8 | E1 | | 31B | | |
| 34124 | | XA114 | 60 | | | | | | | | KSNCOA | 03 | KSNCOA | 01 | 2 | TS8 | E1 | | 28A | | |
| 33653 | | XA114 | 61 | | XA123 | 17 | | 16B | 9 | | KBUSYR | 01 | KSNCOA | 01 | 3 | TS8 | E1 | | 32B | | |
| 33871 | | XA114 | 62 | | | | | | | | KINT1A | 04 | KSNCOA | 01 | 4 | TS8 | F1 | | 29A | | |
| 33150 | | XA114 | 63 | | | | | | | | DNW | 01 | | | | | | | | | |
| 34413 | | XA114 | 64 | | XA114 | 75 | | 16B | 9 | | KXCP3B | 28 | KSNCOA | 01 | 5 | TS8 | E1 | | 30A | | |
| 33151 | | XA114 | 65 | | | | | | | | DNW | 01 | | | | | | | | | |
| 35142 | | XA114 | 66 | | XA115 | 66 | | 16B | 9 | | SPI0011 | 04 | KSNCOA | 01 | 6 | TS8 | E1 | | 31A | | |
| 33333 | | XA114 | 67 | | | | | | | | GND | 01 | | | | | | | | | |
| 35196 | | XA114 | 68 | | XA115 | 61 | | 16B | 9 | | SPI0021 | 21 | KSNCOA | 01 | 7 | TS8 | F1 | | 32A | | |
| 33152 | | XA114 | 69 | | | | | | | | DNW | 01 | | | | | | | | | |
| 35224 | | XA114 | 70 | | XA115 | 68 | | 16B | 9 | | SPI0031 | 18 | KSNCOA | 01 | 8 | TS8 | F1 | | 33A | | |
| 33670 | | XA114 | 71 | | XA120 | 69 | | 16B | 9 | | KDAINQ | 04 | KIENOA | 01 | 1 | TS8 | F1 | | 36A | | |
| 33623 | | XA114 | 72 | | XA120 | 76 | | 16B | 9 | | KAIENS | 05 | KIENOA | 01 | 2 | TS8 | F1 | | 34A | | |
| 34039 | | XA114 | 73 | | XA121 | 68 | | 16B | 9 | | KK1290 | 04 | KIENOA | 01 | 3 | TS8 | F1 | | 36B | | |
| 33892 | | XA114 | 74 | | | | | | | | KK08B3U | 04 | KIENOA | 01 | 4 | TS8 | F1 | | 35B | | B04 |
| 34414 | | XA114 | 75 | | | | | | | | KXCP3B | 29 | KIENOA | 01 | 5 | TS8 | F1 | | 37B | | |
| 33842 | | XA114 | 76 | | XA123 | 56 | | 16B | 9 | | KIENOA | 01 | KIENOA | 00 | 1 | TS8 | F1 | | 37A | START INPUT COUNT | |
| 35195 | | XA114 | 77 | | XA114 | 68 | | 16B | 9 | | SPI0021 | 20 | KIENOA | 01 | 6 | TS8 | F1 | | 38B | | |
| 35141 | | XA114 | 78 | | XA114 | 66 | | 16B | 9 | | SPI0011 | 03 | KIENOA | 01 | 7 | TS8 | F1 | | 38A | | |
| 35223 | | XA114 | 79 | | XA114 | 70 | | 16B | 9 | | SPI0031 | 17 | KIENOA | 01 | 8 | TS8 | F1 | | 39B | | |
| 33153 | | XA114 | 80 | | | | | | | | DNW | 01 | | | | | | | | | |
| 33943 | | XA115 | 01 | | | | | | | | KK04B4U | 02 | KK04FA | 01 | 1 | TD4 | A2 | | 02B | | |
| 33334 | | XA115 | 02 | | | | | | | | GND | 01 | | | | | | | 01A | | |
| 33154 | | XA115 | 03 | | | | | | | | DNW | 01 | | | | | | | | | |
| 33940 | | XA115 | 04 | | XA134 | 42 | | 16B | 9 | | KK04B3U | 01 | KK04FA | 01 | 2 | TD4 | A2 | | 04A | | |
| 33939 | | XA115 | 05 | | | | | | | | KK04B2U | 02 | KK04FA | 01 | 3 | TD4 | A2 | | 03B | | |
| 33966 | | XA115 | 06 | | | | | | | | KK08B4U | 02 | KK08CA | 01 | 1 | TD4 | A1 | | 05A | | |
| 33936 | | XA115 | 07 | | XA134 | 38 | | 16B | 9 | | KK04B1U | 01 | KK04FA | 01 | 4 | TD4 | A2 | | 03A | | |
| 33964 | | XA115 | 08 | | XA114 | 74 | | 16B | 9 | | KK08B3U | 03 | KK08CA | 01 | 2 | TD4 | A1 | | 06A | | B04 |
| 33950 | | XA115 | 09 | | | | | | | | KK04FA | 02 | KK04FA | 00 | 1 | TD4 | A2 | | 04B | KK04 STATE F | |
| 33983 | | XA115 | 10 | | | | | | | | KK09QA | 02 | KK08CA | 01 | 3 | TD4 | A1 | | 07A | | |
| 33968 | | XA115 | 11 | | | | | | | | KK08CA | 02 | KK08CA | 00 | 1 | TD4 | A1 | | 05B | KK08 STATE C | |
| 33045 | | XA115 | 12 | | | | | | | | +5V | 01 | | | | | | | | | |
| CONNECTOR XA115 CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA115
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 30

| RECORD NUMBER | FROM | | | U | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|---|--------|-----------|-----|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 33976 | | XA115 | 13 | | | | | | | | | KK08QA | 02 | KK08CA | 01 | 4 | TD4 | A1 | | 06B | | |
| 34118 | | XA115 | 14 | | | | | | | | | KSNC1S | 04 | KBSY0A | 01 | 1 | TD4 | B2 | | 09A | | |
| 33155 | | XA115 | 15 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 33335 | | XA115 | 16 | | | | | | | | | GND | 01 | | | | TD4 | | | | 20B | |
| 33156 | | XA115 | 17 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 35188 | | XA115 | 18 | | XA114 | 10 | | | 16B | 9 | | SPI0021 | 13 | KBSY0A | 01 | 2 | TD4 | B2 | | 10A | | |
| 34379 | | XA115 | 19 | | | | | | | | | KXCP1B | 23 | KBSY0A | 01 | 3 | TD4 | B2 | | 09B | | |
| 35174 | | XA115 | 20 | | XA144 | 37 | | | 16B | 9 | | SPI0011 | 36 | KBSY0A | 01 | 4 | TD4 | B2 | | 11A | | |
| 33649 | | XA115 | 21 | | | | | | | | | KBSY0A | 02 | KBSY0A | 00 | 1 | TD4 | B2 | | 10B | SET HARDWARE BUSY | |
| 33757 | | XA115 | 22 | | XA113 | 30 | | | 16B | 9 | | KDOUTQ | 05 | KAENO A | 01 | 1 | TD4 | B1 | | 12A | | |
| 33572 | | XA115 | 23 | | | | | | | | | KAENO A | 03 | KAENO A | 00 | 1 | TD4 | B1 | | 11B | START OUTPUT COMMA | |
| 34130 | | XA115 | 24 | | | | | | | | | KSNC2S | 06 | KAENO A | 01 | 2 | TD4 | B1 | | 13A | | |
| 33660 | | XA115 | 25 | | | | | | | | | KBUSYS | 04 | KAENO A | 01 | 3 | TD4 | B1 | | 12B | | |
| 34407 | | XA115 | 26 | | XA114 | 25 | | | 16B | 9 | | KXCP3B | 22 | KAENO A | 01 | 4 | TD4 | B1 | | 14A | | |
| 33157 | | XA115 | 27 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 33046 | | XA115 | 28 | | | | | | | | | +5V | 01 | | | | TD4 | | | | | |
| 33158 | | XA115 | 29 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 33663 | | XA115 | 30 | | XA120 | 03 | | | 16B | 9 | | SPI0021 | 04 | | 01 | 1 | TD4 | C2 | | 15A | | |
| 33621 | | XA115 | 31 | | XA120 | 24 | | | 16B | 9 | | SPI0031 | 07 | | 01 | 2 | TD4 | C2 | | 15B | | |
| 33336 | | XA115 | 32 | | | | | | | | | GND | 01 | | | | TD4 | | | | 21B | |
| 33881 | | XA115 | 33 | | | | | | | | | SPO | 01 | | 00 | 1 | TD4 | C2 | | 16B | | |
| 33887 | | XA115 | 34 | | | | | | | | | SPI0041 | 26 | | 01 | 3 | TD4 | C2 | | 16A | | |
| 34088 | | XA115 | 35 | | | | | | | | | KPOUTA | 02 | KPOUTA | 00 | 1 | TD4 | C1 | | 17B | | |
| 33902 | | XA115 | 36 | | | | | | | | | SPI0051 | 16 | | 01 | 4 | TD4 | C2 | | 17A | A03 | |
| 33759 | | XA115 | 37 | | XA119 | 59 | | | 16B | 9 | | KDOUTQ | 07 | KPOUTA | 01 | 1 | TD4 | C1 | | 18B | | |
| 33644 | | XA115 | 38 | | XA116 | 53 | | | 16B | 9 | | KAENS | 05 | KPOUTA | 01 | 2 | TD4 | C1 | | 18A | | |
| 33159 | | XA115 | 39 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 33903 | | XA115 | 40 | | XA114 | 36 | | | 16B | 9 | | KKTCCP | 06 | KPOUTA | 01 | 3 | TD4 | C1 | | 19A | | |
| 33160 | | XA115 | 41 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 35167 | | XA115 | 42 | | | | | | 16B | 9 | | KNULLA | 02 | KPOUTA | 01 | 4 | TD4 | C1 | | 20A | C02 | |
| 35257 | | XA115 | 43 | | XA116 | 34 | | | 16B | 9 | | SPI0041 | 19 | | 01 | 1 | TD4 | D2 | | 23B | | |
| 33337 | | XA115 | 44 | | | | | | | | | GND | 01 | | | | TD4 | | | | 27A | |
| 36736 | | XA115 | 45 | | | | | | | | | SPO | 01 | | 00 | 1 | TD4 | D2 | | 24B | | |
| 35219 | | XA115 | 46 | | XA113 | 42 | | | 16B | 9 | | SPI0031 | 13 | | 01 | 2 | TD4 | D2 | | 21A | | |
| 36737 | | XA115 | 47 | | | | | | | | | SPO | 01 | | 00 | 1 | TD4 | D1 | | 25B | | |
| 35199 | | XA115 | 48 | | XA115 | 52 | | | 16B | 9 | | SPI0021 | 24 | | 01 | 3 | TD4 | D2 | | 22A | | |
| 35172 | | XA115 | 49 | | XA115 | 50 | | | 16B | 9 | | SPI0011 | 34 | | 01 | 1 | TD4 | D1 | | 26B | | |
| 35173 | | XA115 | 50 | | XA115 | 20 | | | 16B | 9 | | SPI0011 | 35 | | 01 | 4 | TD4 | D2 | | 23A | | |
| 33161 | | XA115 | 51 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 35200 | | XA115 | 52 | | XA117 | 53 | | | 16B | 9 | | SPI0021 | 25 | | 01 | 2 | TD4 | D1 | | 24A | | |
| 33162 | | XA115 | 53 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 35255 | | XA115 | 54 | | XA115 | 55 | | | 16B | 9 | | SPI0041 | 17 | | 01 | 3 | TD4 | D1 | | 25A | | |
| 35256 | | XA115 | 55 | | XA115 | 43 | | | 16B | 9 | | SPI0041 | 18 | | 01 | 1 | TD4 | E2 | | 29B | | |
| 35227 | | XA115 | 56 | | XA117 | 52 | | | 16B | 9 | | SPI0031 | 21 | | 01 | 4 | TD4 | D1 | | 26A | | |
| 36738 | | XA115 | 57 | | | | | | | | | SPO | 01 | | 00 | 1 | TD4 | E2 | | 30B | | |
| 33338 | | XA115 | 58 | | | | | | | | | GND | 01 | | | | TD4 | | | | 40A | |
| 36739 | | XA115 | 59 | | | | | | | | | SPO | 01 | | 00 | 1 | TD4 | E1 | | 31B | | |
| 35144 | | XA115 | 60 | | XA117 | 62 | | | 16B | 9 | | SPI0011 | 06 | | 01 | 2 | TD4 | F2 | | 28A | | |
| 35197 | | XA115 | 61 | | XA115 | 64 | | | 16B | 9 | | SPI0021 | 22 | | 01 | 1 | TD4 | E1 | | 32B | | |
| 35226 | | XA115 | 62 | | XA115 | 56 | | | 16B | 9 | | SPI0031 | 20 | | 01 | 3 | TD4 | E2 | | 29A | | |
| CONNECTOR XA115 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA115
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 31

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FC | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 33163 | | XA115 | 63 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 35198 | | XA115 | 64 | | XA115 | 48 | | | 16B | 9 | | | SPI0021 | 23 | | 01 | 4 | TD4 | F2 | | 30A | | |
| 33164 | | XA115 | 67 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 35143 | | XA115 | 66 | | XA115 | 60 | | | 16B | 9 | | | SPI0011 | 05 | | 01 | 2 | TD4 | F1 | | 31A | | |
| 33339 | | XA115 | 67 | | | | | | | | | | GND | 01 | | | | TD4 | | | 40B | | |
| 35225 | | XA115 | 68 | | XA115 | 62 | | | 16B | 9 | | | SPI0031 | 19 | | 01 | 3 | TD4 | F1 | | 32A | | |
| 34960 | | XA115 | 69 | | | | | | | | | | KXXCIO | 02 | KXXCIO | 00 | 1 | TD4 | F2 | | 35A | INDICATOR INPUT CO | |
| 35252 | | XA115 | 70 | | XA118 | 51 | | | 16B | 9 | | | SPI0041 | 14 | | 01 | 4 | TD4 | F1 | | 33A | | |
| 34141 | | XA115 | 71 | | | | | | | | | | KSYN1A | 03 | KXXCIO | 01 | 1 | TD4 | F2 | | 36A | | |
| 34470 | | XA115 | 72 | | XA117 | 17 | | | 16B | 9 | | | KXDV3A | 00 | KXXCIO | 01 | 2 | TD4 | F2 | | 34A | | A03 |
| 34794 | | XA115 | 73 | | XA114 | 11 | | | 16B | 9 | | | KXSS0A | 01 | KXXCIO | 01 | 3 | TD4 | F2 | | 36B | | |
| 35063 | | XA115 | 74 | | XA117 | 03 | | | 16B | 9 | | | KXOD0A | 01 | KXXCIO | 01 | 4 | TD4 | F2 | | 35B | | |
| 33581 | | XA115 | 75 | | | | | | | | | | KAEN1A | 03 | KXXRCO | 01 | 1 | TD4 | F1 | | 37B | | |
| 35032 | | XA115 | 76 | | XA124 | 45 | | | 16B | 9 | | | KXXRCO | 01 | KXXRCO | 00 | 1 | TD4 | F1 | | 37A | YOU REQUEST OR GAT | |
| 34056 | | XA115 | 77 | | | | | | | | | | KLPT1A | 04 | KXXRCO | 01 | 2 | TD4 | F1 | | 38B | | |
| 33855 | | XA115 | 78 | | | | | | | | | | KIEN1A | 03 | KXXRCO | 01 | 3 | TD4 | F1 | | 38A | | |
| 33878 | | XA115 | 79 | | | | | | | | | | KINT2A | 04 | KXXRCO | 01 | 4 | TD4 | F1 | | 39B | | |
| 33165 | | XA115 | 80 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 33166 | | XA116 | 01 | | | | | | | | | | DNW | 01 | | | | MUX | | | | | |
| 33340 | | XA116 | 02 | | | | | | | | | | GND | 01 | | | | MUX | | | 01B | | |
| 35297 | | XA116 | 03 | | XA116 | 21 | | | 16B | 9 | | | SPI0071 | 07 | | 01 | 1 | MUX | A1 | | 02B | | |
| 36740 | | XA116 | 04 | | | | | | | | | | SPO | 01 | | 00 | 1 | MUX | A1 | | 02A | | |
| 35285 | | XA116 | 05 | | XA116 | 19 | | | 16B | 9 | | | SPI0061 | 07 | | 01 | 2 | MUX | A1 | | 03B | | |
| 36741 | | XA116 | 06 | | | | | | | | | | SPO | 01 | | 00 | 1 | MUX | A2 | | 03A | | |
| 35160 | | XA116 | 07 | | XA113 | 08 | | | 16B | 9 | | | SPI0011 | 22 | | 01 | 3 | MUX | A1 | | 04B | | |
| 35327 | | XA116 | 08 | | | | | | | | | | SPI0121 | 03 | | 01 | 3 | MUX | A2 | | 04A | | |
| 35276 | | XA116 | 09 | | XA118 | 03 | | | 16B | 9 | | | SPI0051 | 13 | | 01 | 4 | MUX | A1 | | 05B | | |
| 35317 | | XA116 | 10 | | XA116 | 27 | | | 16B | 9 | | | SPI0091 | 06 | | 01 | 2 | MUX | A2 | | 05A | | |
| 35263 | | XA116 | 11 | | XA115 | 34 | | | 16B | 9 | | | SPI0041 | 25 | | 01 | 5 | MUX | A1 | | 06B | | |
| 33047 | | XA116 | 12 | | | | | | | | | | +5V | 01 | | | | MUX | | | 08A | | |
| 35321 | | XA116 | 13 | | | | | | | | | | SPI0101 | 03 | | 01 | 4 | MUX | A2 | | 07A | | |
| 35322 | | XA116 | 14 | | XA116 | 26 | | | 16B | 9 | | | SPI0111 | 01 | | 01 | 1 | MUX | A2 | | 06A | | |
| 35208 | | XA116 | 15 | | XA117 | 06 | | | 16B | 9 | | | SPI0031 | 02 | | 01 | 6 | MUX | A1 | | 07B | | |
| 33341 | | XA116 | 16 | | | | | | | | | | GND | 01 | | | | MUX | | | 20B | | |
| 35187 | | XA116 | 17 | | XA115 | 18 | | | 16B | 9 | | | SPI0021 | 12 | | 01 | 8 | MUX | A1 | | 08B | | |
| 35306 | | XA116 | 18 | | XA236 | 04 | | | 16B | 9 | | | SPI0081 | 05 | | 01 | 7 | MUX | A1 | | 09A | | |
| 35286 | | XA116 | 19 | | XA117 | 29 | | | 16B | 9 | | | SPI0061 | 08 | | 01 | 1 | MUX | B1 | | 09B | | |
| 36742 | | XA116 | 20 | | | | | | | | | | SPO | 01 | | 00 | 1 | MUX | B1 | | 10A | | |
| 35298 | | XA116 | 21 | | XA117 | 50 | | | 16B | 9 | | | SPI0071 | 08 | | 01 | 2 | MUX | B1 | | 10B | | |
| 36743 | | XA116 | 22 | | | | | | | | | | SPO | 01 | | 00 | 1 | MUX | B2 | | 11A | | |
| 35305 | | XA116 | 23 | | XA116 | 18 | | | 16B | 9 | | | SPI0081 | 04 | | 01 | 3 | MUX | B1 | | 11B | | |
| 35326 | | XA116 | 24 | | XA116 | 08 | | | 16B | 9 | | | SPI0121 | 02 | | 01 | 3 | MUX | B2 | | 12A | | |
| 35186 | | XA116 | 25 | | XA116 | 17 | | | 16B | 9 | | | SPI0021 | 11 | | 01 | 4 | MUX | B1 | | 12B | | |
| 35323 | | XA116 | 26 | | XA144 | 53 | | | 16B | 9 | | | SPI0111 | 02 | | 01 | 2 | MUX | B2 | | 13A | | |
| 35318 | | XA116 | 27 | | | | | | | | | | SPI0091 | 07 | | 01 | 1 | MUX | B2 | | 14A | | |
| 33048 | | XA116 | 28 | | | | | | | | | | +5V | 01 | | | | MUX | | | 08A | | |
| 35165 | | XA116 | 29 | | XA116 | 35 | | | 16B | 9 | | | SPI0011 | 27 | | 01 | 5 | MUX | B1 | | 13B | | |
| 35320 | | XA116 | 30 | | XA116 | 13 | | | 16B | 9 | | | SPI0101 | 02 | | 01 | 4 | MUX | B2 | | 15A | | |
| CONNECTOR XA116 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA116
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 32

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|-----|----|--------|-----------|-----|----|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | OR | PREFIX | CONNECTOR | PIN | OR | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 35218 | | XA116 | 31 | | | | | | | | | | SPI0031 | 12 | | 01 | 6 | MUX | B1 | | 14B | | |
| 33342 | | XA116 | 32 | | | XA115 | 46 | | | 16B | 9 | | GND | 01 | | | | MUX | | | 27A | | |
| 35275 | | XA116 | 33 | | | XA116 | 09 | | | 16B | 9 | | SPI0051 | 12 | | 01 | 8 | MUX | B1 | | 16A | | |
| 35258 | | XA116 | 34 | | | XA117 | 30 | | | 16B | 9 | | SPI0041 | 20 | | 01 | 7 | MUX | B1 | | 15B | | |
| 35166 | | XA116 | 35 | | | XA114 | 42 | | | 16B | 9 | | SPI0011 | 28 | KPDTX1X | 01 | 1 | MUX | C1 | | 16B | | |
| 34070 | | XA116 | 36 | | | | | | | | | | KPDTX1X | 02 | KPDTX1X | 00 | 1 | MUX | C1 | | 17A | C02 | |
| 33807 | | XA116 | 37 | | | XA128 | 69 | | | 16B | 9 | | KD078P | 01 | KPDTX1X | 01 | 2 | MUX | C1 | | 17B | | |
| 36808 | | XA116 | 38 | | | | | | | | | M | KPDTX2X | 01 | KPDTX2X | 00 | 1 | MUX | C2 | | 18A | | |
| 33800 | | XA116 | 39 | | | XA128 | 76 | | | 16B | 9 | | KD068P | 01 | KPDTX1X | 01 | 3 | MUX | C1 | | 18B | | |
| 33992 | | XA116 | 40 | | | | | | | | | | KK1283U | 03 | KPDTX2X | 01 | 3 | MUX | C2 | | 19A | | |
| 33793 | | XA116 | 41 | | | XA114 | 52 | | | 16B | 9 | | KD058P | 01 | KPDTX1X | 01 | 4 | MUX | C1 | | 19B | | |
| 33987 | | XA116 | 42 | | | XA134 | 56 | | | 16B | 9 | | KK1282U | 01 | KPDTX2X | 01 | 2 | MUX | C2 | | 20A | | |
| 33787 | | XA116 | 43 | | | XA129 | 69 | | | 16B | 9 | | KD048P | 02 | KPDTX1X | 01 | 5 | MUX | C1 | | 22B | | |
| 33343 | | XA116 | 44 | | | | | | | | | | GND | 01 | | | | MUX | | | 40A | | |
| 33780 | | XA116 | 45 | | | XA129 | 76 | | | 16B | 9 | | KD038P | 02 | KPDTX1X | 01 | 6 | MUX | C1 | | 23B | | |
| 33986 | | XA116 | 46 | | | | | | | | | | KK1281U | 03 | KPDTX2X | 01 | 1 | MUX | C2 | | 21A | | |
| 33773 | | XA116 | 47 | | | XA129 | 57 | | | 16B | 9 | | KD028P | 02 | KPDTX1X | 01 | 7 | MUX | C1 | | 23A | | |
| 33993 | | XA116 | 48 | | | XA119 | 41 | | | 16B | 9 | | KK1284U | 01 | KPDTX2X | 01 | 4 | MUX | C2 | | 22A | | |
| 34423 | | XA116 | 49 | | | | | | | | | | KXDBS0 | 03 | KXDB0TA | 01 | 4 | MUX | D1 | | 24B | | |
| 33766 | | XA116 | 50 | | | XA130 | 69 | | | 16B | 9 | | KD018P | 02 | KPDTX1X | 01 | 8 | MUX | C1 | | 24A | | |
| 33763 | | XA116 | 51 | | | XA130 | 78 | | | 16B | 9 | | KD008Q | 01 | KXDB0TA | 01 | 1 | MUX | D1 | | 25B | | |
| 34957 | | XA116 | 52 | | | XA116 | 68 | | | 16B | 9 | | KXXCIQ | 03 | KXDB0TA | 01 | 3 | MUX | D1 | | 25A | | |
| 33645 | | XA116 | 53 | | | | | | | | | | KA08NS | 06 | KXDB0TA | 01 | 2 | MUX | D1 | | 26B | | |
| 33776 | | XA116 | 54 | | | | | | | | | | KD028Q | 02 | KXDB0TC | 01 | 1 | MUX | D3 | | 26A | | |
| 34425 | | XA116 | 55 | | | | | | | | | | KXDB0TA | 02 | KXDB0TA | 00 | 1 | MUX | D1 | | 27B | C01 | |
| 34079 | | XA116 | 56 | | | XA118 | 37 | | | 16B | 9 | | KPE08Q | 01 | KXDB0TC | 01 | 2 | MUX | D3 | | 28B | | |
| 33768 | | XA116 | 57 | | | XA130 | 74 | | | 16B | 9 | | KD018Q | 01 | KXDB0TB | 01 | 1 | MUX | D2 | | 29B | | |
| 33344 | | XA116 | 58 | | | | | | | | | | GND | 01 | | | | MUX | | | 40B | | |
| 33622 | | XA116 | 59 | | | XA114 | 72 | | | 16B | 9 | | KAIENS | 04 | KXDB0TB | 01 | 2 | MUX | D2 | | 30B | | |
| 34429 | | XA116 | 60 | | | | | | | | | | KXDB0TC | 02 | KXDB0TC | 00 | 1 | MUX | D3 | | 28A | | |
| 34426 | | XA116 | 61 | | | XA134 | 73 | | | 16B | 9 | | KXDB0TB | 01 | KXDB0TB | 00 | 1 | MUX | D2 | | 31B | | |
| 33783 | | XA116 | 62 | | | | | | | | | | KD038Q | 02 | KXDB0TD | 01 | 1 | MUX | D4 | | 29A | | |
| 34430 | | XA116 | 63 | | | XA134 | 77 | | | 16B | 9 | | KXDB0TD | 01 | KXDB0TD | 00 | 1 | MUX | D4 | | 31A | | |
| 34077 | | XA116 | 64 | | | XA118 | 31 | | | 16B | 9 | | K2ETXQ | 01 | KXDB0TD | 01 | 2 | MUX | D4 | | 30A | | |
| 33167 | | XA116 | 65 | | | | | | | | | | DNW | 01 | | | | MUX | | | | | |
| 34422 | | XA116 | 66 | | | XA116 | 49 | | | 16B | 9 | | KXDBS0 | 02 | KXDB4TA | 01 | 4 | MUX | F1 | | 32B | | |
| 33345 | | XA116 | 67 | | | | | | | | | | GND | 01 | | | | MUX | | | | | |
| 34958 | | XA116 | 68 | | | | | | | | | | KXXCIQ | 04 | KXDB4TA | 01 | 3 | MUX | F1 | | 33A | | |
| 33790 | | XA116 | 69 | | | | | | | | | | KD048Q | 02 | KXDB4TA | 01 | 1 | MUX | E1 | | 32A | | |
| 33803 | | XA116 | 70 | | | XA128 | 78 | | | 16B | 9 | | KD068Q | 02 | KXDB4TC | 01 | 1 | MUX | E3 | | 34A | | |
| 34085 | | XA116 | 71 | | | XA122 | 80 | | | 16B | 9 | | KPRQP0 | 01 | KXDB4TA | 01 | 2 | MUX | E1 | | 33B | | |
| 34525 | | XA116 | 72 | | | XA135 | 76 | | | 16B | 9 | | KK009A1 | 005 | KXDB4TC | 01 | 2 | MUX | E3 | | 35A | C01 | |
| 34433 | | XA116 | 73 | | | | | | | | | | KXDB4TA | 02 | KXDB4TA | 00 | 1 | MUX | E1 | | 34B | | |
| 34437 | | XA116 | 74 | | | | | | | | | | KXDB4TC | 02 | KXDB4TC | 00 | 1 | MUX | E3 | | 36A | | |
| 33797 | | XA116 | 75 | | | | | | | | | | KD058Q | 02 | KXDB4TB | 01 | 1 | MUX | E2 | | 35B | | |
| 33810 | | XA116 | 76 | | | XA114 | 56 | | | 16B | 9 | | KD078Q | 02 | KXDB4TD | 01 | 1 | MUX | E4 | | 37A | | |
| 34068 | | XA116 | 77 | | | | | | | | | | KPBZY0 | 03 | KXDB4TB | 01 | 2 | MUX | E2 | | 36B | | |
| 33661 | | XA116 | 78 | | | XA117 | 37 | | | 16B | 9 | | KCDERQ | 01 | KXDB4TD | 01 | 2 | MUX | E4 | | 38A | | |
| 34434 | | XA116 | 79 | | | XA133 | 73 | | | 16B | 9 | | KXDB4TB | 01 | KXDB4TB | 00 | 1 | MUX | E2 | | 37B | | |
| 34438 | | XA116 | 80 | | | XA133 | 77 | | | 16B | 9 | | KXDB4TD | 01 | KXDB4TD | 00 | 1 | MUX | E4 | | 38B | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA117
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 33

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|--|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH PC | PREFIX | CONNECTOR | PIN | SH PC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 34055 | | XA117 | 01 | | | | | | | | | | KLPT1A | 03 | KLPTON | 01 | 1 | TDD | BN | | 02B | | |
| 33346 | | XA117 | 02 | | XA115 | 77 | | | 16B | 9 | | | GND | 01 | | | | TDD | | | 01B | | |
| 35064 | | XA117 | 03 | | XA123 | 05 | | | 16B | 9 | | | KX0D0A | 02 | KLPT00 | 01 | 1 | TDD | BQ | | 02A | | |
| 34679 | | XA117 | 04 | | XA120 | 23 | | | 16B | 9 | | | KXRS0B | 52 | KLPTOP | 01 | 1 | TDD | BP | | 04A | C02 | |
| 34526 | | XA117 | 05 | | XA117 | 18 | | | 16B | 9 | | | KXGN2A | 01 | KLPT0I | 01 | 1 | TDD | BT | | 03B | | |
| 35209 | | XA117 | 06 | | XA118 | 06 | | | 16B | 9 | | | SPI0031 | 03 | | 01 | 1 | TDD | AP | | 05A | | |
| 34052 | | XA117 | 07 | | | | | | | | | | KLPT00 | 02 | KLPT00 | 00 | 1 | TDD | BQ | | 03A | LOOP TEST COUNTER | |
| 35159 | | XA117 | 08 | | XA116 | 07 | | | 16B | 9 | | | SPI0011 | 21 | | 01 | 1 | TDD | AT | | 06A | | |
| 36806 | | XA117 | 09 | | | | | | | | M | | KLPTOP | 01 | KLPTOP | 01 | 1 | TDD | BP | | 04B | | |
| 35184 | | XA117 | 10 | | XA118 | 17 | | | 16B | 9 | | | SPI0021 | 09 | | 01 | 1 | TDD | AN | | 07A | | |
| 36744 | | XA117 | 11 | | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | AP | | 05B | | |
| 33049 | | XA117 | 12 | | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 36745 | | XA117 | 13 | | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | AQ | | 06B | | |
| 33694 | | XA117 | 14 | | XA119 | 51 | | | 16B | 9 | | | KDEV0A | 01 | KDEVON | 01 | 1 | TDD | DN | | 09A | | |
| 35262 | | XA117 | 15 | | XA116 | 11 | | | 16B | 9 | | | SPI0041 | 24 | | 01 | 1 | TDD | AQ | | 07B | | |
| 33347 | | XA117 | 16 | | | | | | | | | | GND | 01 | | | | TDD | | | 20B | | |
| 34480 | | XA117 | 17 | | XA113 | 47 | | | 16B | 9 | | | KXDV3A | 01 | KDEVOQ | 01 | 1 | TDD | DQ | | 08B | | |
| 34527 | | XA117 | 18 | | XA128 | 18 | | | 16B | 9 | | | KXGN2A | 02 | KDEVOI | 01 | 1 | TDD | DI | | 10A | | |
| 33699 | | XA117 | 19 | | | | | | | | | | KDEVOQ | 02 | KDEVOQ | 00 | 1 | TDD | DQ | | 09B | END INPUT COUNTER | |
| 34675 | | XA117 | 20 | | XA118 | 20 | | | 16B | 9 | | | KXRS0B | 48 | KDEVOP | 01 | 1 | TDD | DP | | 11A | | |
| 36790 | | XA117 | 21 | | | | | | | | M | | KDEVOP | 01 | KDEVOP | 00 | 1 | TDD | DP | | 10B | | |
| 33908 | | XA117 | 22 | | | | | | | | | | KKTCRA | 02 | KKTCCP | 01 | 1 | TDD | CP | | 12A | | |
| 33906 | | XA117 | 23 | | | | | | | | | | KKTCCP | 09 | KKTCCP | 01 | 1 | TDD | CP | | 11B | | |
| 35151 | | XA117 | 24 | | XA118 | 27 | | | 16B | 9 | | | SPI0011 | 13 | KKTCCI | 01 | 1 | TDD | CI | | 13A | | |
| 36796 | | XA117 | 25 | | | | | | | | M | | KKTCCQ | 01 | KKTCCQ | 00 | 1 | TDD | CQ | | 12B | MAIN TIMING COUNT | |
| 34045 | | XA117 | 26 | | | | | | | | | | KK15QA | 02 | KKTCCN | 01 | 1 | TDD | CN | | 14A | | |
| 34674 | | XA117 | 27 | | | | | | | | | | KKTC1A | 02 | KKTCCQ | 01 | 1 | TDD | CQ | | 13B | C02 | |
| 33050 | | XA117 | 28 | | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 35287 | | XA117 | 29 | | XA118 | 46 | | | 16B | 9 | | | SPI0061 | 09 | | 01 | 1 | TDD | FQ | | 14B | | |
| 35259 | | XA117 | 30 | | XA118 | 30 | | | 16B | 9 | | | SPI0041 | 21 | | 01 | 1 | TDD | FN | | 15A | | |
| 36746 | | XA117 | 31 | | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | FQ | | 15B | | |
| 33348 | | XA117 | 32 | | | | | | | | | | GND | 01 | | | | TDD | | | 21B | | |
| 36747 | | XA117 | 33 | | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | FP | | 16B | | |
| 35217 | | XA117 | 34 | | XA116 | 31 | | | 16B | 9 | | | SPI0031 | 11 | | 01 | 1 | TDD | FI | | 16A | | |
| 36788 | | XA117 | 35 | | | | | | | | M | | KCDERP | 01 | KCDERP | 00 | 1 | TDD | EP | | 17B | | |
| 35274 | | XA117 | 36 | | XA116 | 33 | | | 16B | 9 | | | SPI0051 | 11 | | 01 | 1 | TDD | EP | | 17A | | |
| 33662 | | XA117 | 37 | | | | | | | | | | KCDERQ | 02 | KCDERQ | 00 | 1 | TDD | EQ | | 18B | COMPUTER DATA PART | |
| 34136 | | XA117 | 38 | | | | | | | | | | KRSR0A | 04 | KCDERP | 01 | 1 | TDD | EP | | 18A | | |
| 33664 | | XA117 | 39 | | | | | | | | | | KCDESA | 02 | KCDERQ | 01 | 1 | TDD | EQ | | 19B | | |
| 35150 | | XA117 | 40 | | XA117 | 24 | | | 16B | 9 | | | SPI0011 | 12 | KCDERI | 01 | 1 | TDD | EI | | 19A | | |
| 35304 | | XA117 | 41 | | XA116 | 23 | | | 16B | 9 | | | SPI0081 | 03 | | 01 | 1 | TDD | HO | | 22B | | |
| 35203 | | XA117 | 42 | | XA118 | 42 | | | 16B | 9 | | | SPI0021 | 28 | KCDERN | 01 | 1 | TDD | EN | | 20A | | |
| 36748 | | XA117 | 43 | | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | HO | | 23B | | |
| 33349 | | XA117 | 44 | | | | | | | | | | GND | 01 | | | | TDD | | | 27A | | |
| 36749 | | XA117 | 45 | | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | HP | | 24B | | |
| 35289 | | XA117 | 46 | | | | | | | | | | SPI0061 | 11 | | 01 | 1 | TDD | HN | | 21A | C02 | |
| 36750 | | XA117 | 47 | | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | GP | | 25B | | |
| 35273 | | XA117 | 48 | | XA117 | 36 | | | 16B | 9 | | | SPI0051 | 10 | | 01 | 1 | TDD | HI | | 22A | | |
| 36751 | | XA117 | 49 | | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | GO | | 26B | | |
| 35299 | | XA117 | 50 | | XA118 | 50 | | | 16B | 9 | | | SPI0071 | 09 | | 01 | 1 | TDD | HP | | 23A | | |
| CONNECTOR (XA117) CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA117
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 34

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CAT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|---------------------------------|-----|--------|-----------|-----|-----|------|-------------|------|-------|--------|---------|----------|---------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | LOC | PREFIX | CONNECTOR | PIN | LOC | SIZE | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 35254 | | XA117 | 51 | | | XA115 | 54 | | | | | | | SPT0041 | 16 | | 01 | 1 | TDD | GO | 27B | | |
| 35228 | | XA117 | 52 | | | XA118 | 52 | | | | | | | SPT0031 | 22 | | 01 | 1 | TDD | GP | 24A | | |
| 35201 | | XA117 | 53 | | | XA117 | 56 | | | | | | | SPT0021 | 26 | KIENOQ | 01 | 1 | TDD | KQ | 28B | | |
| 35146 | | XA117 | 54 | | | XA118 | 53 | | | | | | | SPT0011 | 08 | | 01 | 1 | TDD | GI | 25A | | |
| 33846 | | XA117 | 55 | | | | | | | | | | | KIEN00 | 03 | KIEN00 | 00 | 1 | TDD | KQ | 29B | DATA DETECT COUNT | |
| 35202 | | XA117 | 56 | | | XA117 | 42 | | | | | | | SPT0021 | 27 | | 01 | 1 | TDD | GN | 26A | | |
| 36794 | | XA117 | 57 | | | | | | | | | | | KIEN0P | 01 | KIEN0P | 00 | 1 | TDD | KP | 30B | | |
| 33350 | | XA117 | 58 | | | | | | | | | | | GND | 01 | | | | TDD | | 40A | | |
| 36891 | | XA117 | 59 | | | | | | | | | | | KXXRCP | 01 | KXXRCP | 00 | 1 | TDD | JP | 31B | | |
| 35113 | | XA117 | 60 | | | XA118 | 79 | | | | | | | K16MIO | 07 | KIENON | 01 | 1 | TDD | KN | 28A | | |
| 35031 | | XA117 | 61 | | | | | | | | | | | KXXRC0 | 04 | KXXRC0 | 00 | 1 | TDD | JO | 32B | IOU REQUEST CONTR | |
| 35145 | | XA117 | 62 | | | XA117 | 54 | | | | | | | SPT0011 | 07 | KIENO I | 01 | 1 | TDD | KI | 29A | | |
| 35027 | | XA117 | 63 | | | | | | | | | | | KXXRCA | 02 | KXXRC0 | 01 | 1 | TDD | JQ | 33B | | |
| 33835 | | XA117 | 64 | | | XA118 | 64 | | | | | | | KIENRA | 01 | KIEN0P | 01 | 1 | TDD | KP | 30A | | |
| 34573 | | XA117 | 65 | | | | | | | | | | | KXIR1A | 03 | KXXDSQ | 01 | 1 | TDD | MQ | 34B | | |
| 34670 | | XA117 | 66 | | | XA118 | 73 | | | | | | | KXRS0B | 43 | KXXRCP | 01 | 1 | TDD | JP | 31A | | |
| 33351 | | XA117 | 67 | | | | | | | | | | | GND | 01 | | | | TDD | | 40B | | |
| 34539 | | XA117 | 68 | | | XA118 | 68 | | | | | | | KXGN3A | 04 | KXXRCI | 01 | 1 | TDD | JI | 32A | | |
| 35021 | | XA117 | 69 | | | XA119 | 79 | | | | | | | KXXDSP | 01 | KXXDSP | 00 | 1 | TDD | MP | 35A | | |
| 35049 | | XA117 | 70 | | | | | | | | | | | KXXR2P | 03 | KXXRCN | 01 | 1 | TDD | JN | 33A | | |
| 34537 | | XA117 | 71 | | | XA118 | 71 | | | | | | | KXGN3A | 02 | KXXDSI | 01 | 1 | TDD | MI | 36A | | |
| 34988 | | XA117 | 72 | | | XA117 | 79 | | | | | | | KXXC4P | 05 | KXXDSN | 01 | 1 | TDD | MN | 34A | | |
| 34672 | | XA117 | 73 | | | XA117 | 75 | | | | | | | KXRS0B | 45 | KXXDSP | 01 | 1 | TDD | MP | 36B | | |
| 36890 | | XA117 | 74 | | | | | | | | | | | KXXDSQ | 01 | KXXDSQ | 00 | 1 | TDD | MQ | 35B | IOU INPUT ITR DATA | |
| 34673 | | XA117 | 75 | | | XA117 | 20 | | | | | | | KXRS0B | 46 | KXXDDP | 01 | 1 | TDD | LP | 37B | 804 | |
| 34998 | | XA117 | 76 | | | | | | | | | | | KXXDDP | 05 | KXXDDP | 00 | 1 | TDD | LP | 37A | | |
| 34536 | | XA117 | 77 | | | XA117 | 71 | | | | | | | KXGN3A | 01 | KXXDDI | 01 | 1 | TDD | LI | 38B | | |
| 36888 | | XA117 | 78 | | | | | | | | | | | KXXDDQ | 01 | KXXDDQ | 00 | 1 | TDD | LQ | 38A | IOU INPUT DATA CON | |
| 34989 | | XA117 | 79 | | | | | | | | | | | KXXC4P | 06 | KXXDDN | 01 | 1 | TDD | LN | 39B | | |
| 34992 | | XA117 | 80 | | | XA126 | 80 | | | | | | | KXXDDA | 01 | KXXDDQ | 01 | 1 | TDD | LQ | 39A | | |
| 34378 | | XA118 | 01 | | | XA115 | 19 | | | | | | | KXCP1B | 22 | KLPT1N | 01 | 1 | TDD | BN | 02B | | |
| 33352 | | XA118 | 02 | | | | | | | | | | | GND | 01 | | | | TDD | | 01B | | |
| 35277 | | XA118 | 03 | | | XA115 | 36 | | | | | | | SPT0051 | 14 | KLPT1Q | 01 | 1 | TDD | BQ | 02A | C02 | |
| 34678 | | XA118 | 04 | | | XA117 | 04 | | | | | | | KXRS0B | 51 | KLPT1P | 01 | 1 | TDD | BP | 04A | | |
| 34051 | | XA118 | 05 | | | XA117 | 07 | | | | | | | KLPT0Q | 01 | KLPT1I | 01 | 1 | TDD | BI | 03B | | |
| 35210 | | XA118 | 06 | | | XA120 | 05 | | | | | | | SPT0031 | 04 | | 01 | 1 | TDD | AP | 05A | | |
| 34058 | | XA118 | 07 | | | | | | | | | | | KLPT1Q | 02 | KLPT1Q | 00 | 1 | TDD | BQ | 03A | LOOP TEST COUNTER | |
| 35158 | | XA118 | 08 | | | XA117 | 08 | | | | | | | SPT0011 | 20 | | 01 | 1 | TDD | AI | 06A | | |
| 36807 | | XA118 | 09 | | | | | | | | | | | KLPT1P | 01 | KLPT1P | 00 | 1 | TDD | BP | 04B | | |
| 35183 | | XA118 | 10 | | | XA117 | 10 | | | | | | | SPT0021 | 08 | | 01 | 1 | TDD | AN | 07A | | |
| 36752 | | XA118 | 11 | | | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | AP | 05B | | |
| 33051 | | XA118 | 12 | | | | | | | | | | | +5V | 01 | | | | TDD | | | | |
| 36753 | | XA118 | 13 | | | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | AQ | 06B | | |
| 34377 | | XA118 | 14 | | | XA118 | 01 | | | | | | | KXCP1B | 21 | KDEV1N | 01 | 1 | TDD | DN | 09A | | |
| 35261 | | XA118 | 15 | | | XA117 | 15 | | | | | | | SPT0041 | 23 | | 01 | 1 | TDD | AQ | 07B | | |
| 33353 | | XA118 | 16 | | | | | | | | | | | GND | 01 | | | | TDD | | 20B | | |
| 35185 | | XA118 | 17 | | | XA116 | 25 | | | | | | | SPT0021 | 10 | KDEV1Q | 01 | 1 | TDD | DQ | 08B | | |
| 33698 | | XA118 | 18 | | | XA117 | 19 | | | | | | | KDEV0Q | 01 | KDEV1I | 01 | 1 | TDD | DI | 10A | | |
| CONNECTOR | | XA118 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

H78-14 1049

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA118
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 35

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|---------------------------------|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|----------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH PC | PREFIX | CONNECTOR | PIN | SH PC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | SPEC INST MISC | ANG | | |
| 33704 | | XA118 | 19 | | | | | | | | | | KDEV1Q | 02 | KDEV1Q | 00 | 1 | TDD | DQ | | 09B | END INPUT COUNTER | | |
| 34676 | | XA118 | 20 | | XA118 | 22 | | | 16B | 9 | | | KXRS0B | 49 | KDEV1P | 01 | 1 | TDD | DP | | 11A | | | |
| 36791 | | XA118 | 21 | | | | | | | | | M | KDEV1P | 01 | KDEV1P | 00 | 1 | TDD | DP | | 10B | | | |
| 34677 | | XA118 | 22 | | XA118 | 04 | | | 16B | 9 | | | KXRS0B | 50 | KPOUTP | 01 | 1 | TDD | CP | | 12A | | | |
| 36811 | | XA118 | 23 | | | | | | | | | M | KPOUTP | 01 | KPOUTP | 00 | 1 | TDD | CP | | 11B | | | |
| 34075 | | XA118 | 24 | | XA120 | 19 | | | 16B | 9 | | | KPDT90 | 01 | KPOUTI | 01 | 1 | TDD | CI | | 13A | | | |
| 34092 | | XA118 | 25 | | | | | | | | | | KPOUTQ | 02 | KPOUTQ | 00 | 1 | TDD | CO | | 12B | | | |
| 34406 | | XA118 | 26 | | XA115 | 26 | | | 16B | 9 | | | KXCP3B | 21 | KPOUTN | 01 | 1 | TDD | CN | | 14A | | | |
| 35152 | | XA118 | 27 | | XA119 | 26 | | | 16B | 9 | | | SPI0011 | 14 | KPOUTQ | 01 | 1 | TDD | CQ | | 13B | | | |
| 33052 | | XA118 | 28 | | | | | | | | | | +5V | 01 | | | | TDD | | | | | | |
| 33821 | | XA118 | 29 | | XA120 | 55 | | | 16B | 9 | | | KETX1A | 02 | KPETXQ | 01 | 1 | TDD | FQ | | 14B | | | |
| 35260 | | XA118 | 30 | | XA118 | 15 | | | 16B | 9 | | | SPI0041 | 22 | KPETXN | 01 | 1 | TDD | FN | | 15A | | | |
| 34078 | | XA118 | 31 | | | | | | | | | | KPETXQ | 02 | KPETXQ | 00 | 1 | TDD | FQ | | 15B | EXT ON INPUT COMMA | | |
| 33354 | | XA118 | 32 | | | | | | | | | | GND | 01 | | | | TDD | | | 21B | | | |
| 36809 | | XA118 | 33 | | | | | | | | | M | KPETXP | 01 | KPETXP | 00 | 1 | TDD | FP | | 16B | | | |
| 35216 | | XA118 | 34 | | XA117 | 34 | | | 16B | 9 | | | SPI0031 | 10 | KPETXI | 01 | 1 | TDD | FI | | 16A | | | |
| 36810 | | XA118 | 35 | | | | | | | | | M | KPEOBP | 01 | KPEOBP | 00 | 1 | TDD | EP | | 17B | | | |
| 34134 | | XA118 | 36 | | XA118 | 38 | | | 16B | 9 | | | KRS0A | 02 | KPETXP | 01 | 1 | TDD | EP | | 17A | | | |
| 34080 | | XA118 | 37 | | | | | | | | | | KPEOBQ | 02 | KPEOBQ | 00 | 1 | TDD | EQ | | 18B | EOB ON INPUT COMMA | | |
| 34135 | | XA118 | 38 | | XA117 | 38 | | | 16B | 9 | | | KRS0A | 03 | KPEOBP | 01 | 1 | TDD | EP | | 18A | | | |
| 33633 | | XA118 | 39 | | XA113 | 73 | | | 16B | 9 | | | KAIERA | 03 | KPEOBQ | 01 | 1 | TDD | EQ | | 19B | | | |
| 35149 | | XA118 | 40 | | XA117 | 40 | | | 16B | 9 | | | SPI0011 | 11 | KPEOBI | 01 | 1 | TDD | FI | | 19A | | | |
| 35303 | | XA118 | 41 | | XA117 | 41 | | | 16B | 9 | | | SPI0081 | 02 | | 01 | 1 | TDD | HO | | 22B | | | |
| 35204 | | XA118 | 42 | | XA118 | 56 | | | 16B | 9 | | | SPI0021 | 29 | KPEOBN | 01 | 1 | TDD | FN | | 20A | | | |
| 36754 | | XA118 | 43 | | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | HO | | 23B | | | |
| 33355 | | XA118 | 44 | | | | | | | | | | GND | 01 | | | | TDD | | | 27A | | | |
| 36755 | | XA118 | 45 | | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | HP | | 24B | | | |
| 35288 | | XA118 | 46 | | XA117 | 46 | | | 16B | 9 | | | SPI0061 | 10 | | 01 | 1 | TDD | HN | | 21A | | | |
| 36756 | | XA118 | 47 | | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | GP | | 25B | | | |
| 35272 | | XA118 | 48 | | XA117 | 48 | | | 16B | 9 | | | SPI0051 | 09 | | 01 | 1 | TDD | HT | | 27A | | | |
| 36757 | | XA118 | 49 | | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | GQ | | 26B | | | |
| 35300 | | XA118 | 50 | | | | | | | | | | SPI0071 | 10 | | 01 | 1 | TDD | HP | | 23A | | C02 | |
| 35253 | | XA118 | 51 | | XA117 | 51 | | | 16B | 9 | | | SPI0041 | 15 | | 01 | 1 | TDD | GQ | | 27B | | | |
| 35229 | | XA118 | 52 | | XA120 | 59 | | | 16B | 9 | | | SPI0031 | 23 | | 01 | 1 | TDD | GP | | 24A | | | |
| 35147 | | XA118 | 53 | | XA118 | 54 | | | 16B | 9 | | | SPI0011 | 09 | KIEN1Q | 01 | 1 | TDD | KQ | | 28B | | | |
| 35148 | | XA118 | 54 | | XA118 | 40 | | | 16B | 9 | | | SPI0011 | 10 | | 01 | 1 | TDD | GI | | 25A | | | |
| 36795 | | XA118 | 55 | | | | | | | | | M | KIEN1Q | 01 | KIEN1Q | 00 | 1 | TDD | KQ | | 29B | DATA DETECT COUNT | | |
| 35205 | | XA118 | 56 | | XA120 | 57 | | | 16B | 9 | | | SPI0021 | 30 | | 01 | 1 | TDD | GN | | 26A | | | |
| 33856 | | XA118 | 57 | | XA124 | 70 | | | 16B | 9 | | | KIEN1P | 01 | KIEN1P | 00 | 1 | TDD | KP | | 30B | | | |
| 33356 | | XA118 | 58 | | | | | | | | | | GND | 01 | | | | TDD | | | 40A | | | |
| 35036 | | XA118 | 59 | | | | | | | | | | KXXREP | 03 | KXXREP | 00 | 1 | TDD | JP | | 31B | | | |
| 35112 | | XA118 | 60 | | XA117 | 60 | | | 16B | 9 | | | K16M1Q | 06 | KIEN1N | 01 | 1 | TDD | KN | | 28A | | | |
| 35038 | | XA118 | 61 | | | | | | | | | | KXXREQ | 02 | KXXREQ | 00 | 1 | TDD | JQ | | 32B | IOU REQUEST ENABLE | | |
| 33845 | | XA118 | 62 | | XA117 | 55 | | | 16B | 9 | | | KIEN0Q | 02 | KIEN1I | 01 | 1 | TDD | KT | | 29A | | | |
| 35040 | | XA118 | 63 | | | | | | | | | | KXXROP | 02 | KXXREQ | 01 | 1 | TDD | JQ | | 33B | | | |
| 33836 | | XA118 | 64 | | XA123 | 63 | | | 16B | 9 | | | KIENRA | 02 | KIEN1P | 01 | 1 | TDD | KP | | 30A | | | |
| 35002 | | XA118 | 65 | | | | | | | | | | KXXDIA | 02 | KXXDIQ | 01 | 1 | TDD | MQ | | 34B | | | |
| 34669 | | XA118 | 66 | | XA117 | 66 | | | 16B | 9 | | | KXRS0B | 42 | KXXREP | 01 | 1 | TDD | JP | | 31A | | | |
| 33357 | | XA118 | 67 | | | | | | | | | | GND | 01 | | | | TDD | | | 40B | | | |
| 34540 | | XA118 | 68 | | XA126 | 51 | | | 16B | 9 | | | KXGN3A | 05 | KXXREI | 01 | 1 | TDD | JT | | 32A | | | |
| CONNECTOR | | XA118 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

H78-14 1050

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA118
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 36

| RECORD NUMBER | FROM | | | DR TO | TO | | | WIRE | | | SFC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | FCO NO | |
|--|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|---------------|--------|---------|----------|-------------|------------------|-------|---------------------|--------------------|--------------------|--------|---------------------|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | DR TO | MULTI GROUP | CODE | | | | | | | | | | | | COLOR |
| 35003 | | XA118 | 69 | | | XA119 | 77 | | | 16B | 9 | | KXXDIP | 01 | KXXDIP | 00 | 1 | TDD | MP | | 35A | |
| 34484 | | XA118 | 70 | | | XA123 | 76 | | | 16B | 9 | | KXEA0A | 01 | KXXREN | 01 | 1 | TDD | JN | | 33A | |
| 34538 | | XA118 | 71 | | | XA117 | 68 | | | 16B | 9 | | KXGN3A | 03 | KXXDII | 01 | 1 | TDD | MI | | 36A | |
| 34987 | | XA118 | 72 | | | XA117 | 72 | | | 16B | 9 | | KXXC4P | 04 | KXXDIN | 01 | 1 | TDD | MN | | 34A | |
| 34671 | | XA118 | 73 | | | XA117 | 73 | | | 16B | 9 | | KXRS0B | 44 | KXXDIP | 01 | 1 | TDD | MP | | 36B | |
| 36889 | | XA118 | 74 | | | | | | | | | M | KXXDIQ | 01 | KXXDIQ | 00 | 1 | TDD | NQ | | 35B | IOU INPUT INTERRUPT |
| 34966 | | XA118 | 75 | | | | | | | | | M | KXXCRO | 06 | KXXC1P | 01 | 1 | TDD | LP | | 37B | |
| 36886 | | XA118 | 76 | | | | | | | | | | KXXC1P | 01 | KXXC1P | 00 | 1 | TDD | LP | | 37A | |
| 34972 | | XA118 | 77 | | | XA130 | 49 | | | 16B | 9 | | KXXC0Q | 01 | KXXC1I | 01 | 1 | TDD | LI | | 38B | |
| 34975 | | XA118 | 78 | | | | | | | | | | KXXC1Q | 02 | KXXC1Q | 00 | 1 | TDD | LQ | | 38A | |
| 35114 | | XA118 | 79 | | | | | | | | | | K16MT0 | 08 | KXXC1N | 01 | 1 | TDD | LN | | 39B | |
| 35139 | | XA118 | 80 | | | XA113 | 75 | | | 16B | 9 | | SPI0011 | 01 | KXXC1Q | 01 | 1 | TDD | LQ | | 39A | |
| 33924 | | XA119 | 01 | | | XA131 | 75 | | | 16B | 9 | | KK03E0 | 02 | KK03E0 | 00 | 1 | TQ2 | A2 | | 02B | STATE E OF KK03 BI |
| 33358 | | XA119 | 02 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01A | |
| 33934 | | XA119 | 03 | | | XA134 | 29 | | | 16B | 9 | | KK0307T | 01 | KK03F0 | 01 | 1 | TQ2 | A3 | | 02A | |
| 33933 | | XA119 | 04 | | | | | | | | | | KK0306T | 02 | KK03E0 | 01 | 1 | TQ2 | A2 | | 04A | |
| 35156 | | XA119 | 05 | | | XA119 | 07 | | | 16B | 9 | | SPI0011 | 18 | KK03E0 | 01 | 2 | TQ2 | A2 | | 03B | |
| 33921 | | XA119 | 06 | | | XA131 | 64 | | | 16B | 9 | | KK03D0 | 01 | KK03D0 | 00 | 1 | TQ2 | A1 | | 05A | STATE D OF KK03 BI |
| 35157 | | XA119 | 07 | | | XA118 | 08 | | | 16B | 9 | | SPI0011 | 19 | KK03F0 | 01 | 2 | TQ2 | A3 | | 03A | |
| 33930 | | XA119 | 08 | | | XA134 | 23 | | | 16B | 9 | | KK0305T | 01 | KK03D0 | 01 | 1 | TQ2 | A1 | | 06A | |
| 33926 | | XA119 | 09 | | | XA113 | 06 | | | 16B | 9 | | KK03F0 | 01 | KK03F0 | 00 | 1 | TQ2 | A3 | | 04B | STATE F OF KK03 BI |
| 35154 | | XA119 | 10 | | | XA119 | 05 | | | 16B | 9 | | SPI0011 | 16 | KK03D0 | 01 | 2 | TQ2 | A1 | | 07A | |
| 35155 | | XA119 | 11 | | | | | | | | | | KKTC10 | 02 | KKTC1A | 01 | 1 | TQ2 | A4 | | 05B | C02 |
| 33053 | | XA119 | 12 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | C02 |
| 35182 | | XA119 | 13 | | | XA118 | 10 | | | 16B | 9 | | SPI0021 | 07 | KKTC1A | 01 | 2 | TQ2 | A4 | | 06B | C02 |
| 34020 | | XA119 | 14 | | | | | | | | | | KK1210 | 02 | KK1210 | 00 | 1 | TQ2 | B2 | | 09A | KK12 STATE 1 |
| 36758 | | XA119 | 15 | | | XA117 | 27 | | | 16B | 9 | | KKTC1A | 01 | KKTC1A | 00 | 1 | TQ2 | A4 | | 07B | C02 |
| 33359 | | XA119 | 16 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01B | |
| 34004 | | XA119 | 17 | | | | | | | | | | KK1202T | 02 | KK1220 | 01 | 1 | TQ2 | B3 | | 08B | |
| 34001 | | XA119 | 18 | | | XA133 | 10 | | | 16B | 9 | | KK1201T | 01 | KK1210 | 01 | 1 | TQ2 | B2 | | 10A | |
| 35338 | | XA119 | 19 | | | XA119 | 25 | | | 16B | 9 | | SPI0131 | 11 | KK1220 | 01 | 2 | TQ2 | B3 | | 09B | |
| 35337 | | XA119 | 20 | | | XA119 | 19 | | | 16B | 9 | | SPI0131 | 10 | KK1210 | 01 | 2 | TQ2 | B2 | | 11A | |
| 34021 | | XA119 | 21 | | | XA121 | 20 | | | 16B | 9 | | KK1220 | 01 | KK1220 | 00 | 1 | TQ2 | B3 | | 10B | KK12 STATE 2 |
| 33998 | | XA119 | 22 | | | | | | | | | | KK1200 | 02 | KK1200 | 00 | 1 | TQ2 | B1 | | 12A | KK12 STATE 0 |
| 34005 | | XA119 | 23 | | | XA133 | 13 | | | 16B | 9 | | KK1203T | 01 | KK1230 | 01 | 1 | TQ2 | B4 | | 11B | |
| 34000 | | XA119 | 24 | | | | | | | | | | KK1200T | 02 | KK1200 | 01 | 1 | TQ2 | B1 | | 13A | |
| 35339 | | XA119 | 25 | | | XA119 | 31 | | | 16B | 9 | | SPI0131 | 12 | KK1230 | 01 | 2 | TQ2 | B4 | | 12B | |
| 35153 | | XA119 | 26 | | | XA119 | 10 | | | 16B | 9 | | SPI0011 | 15 | KK1200 | 01 | 2 | TQ2 | B1 | | 14A | |
| 34024 | | XA119 | 27 | | | | | | | | | | KK1230 | 02 | KK1230 | 00 | 1 | TQ2 | B4 | | 13B | KK12 STATE 3 |
| 33054 | | XA119 | 28 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | |
| 34012 | | XA119 | 29 | | | | | | | | | | KK1206T | 02 | KK1260 | 01 | 1 | TQ2 | C3 | | 14B | |
| 34028 | | XA119 | 30 | | | | | | | | | | KK1250 | 02 | KK1250 | 00 | 1 | TQ2 | C2 | | 15A | KK12 STATE 5 |
| 35340 | | XA119 | 31 | | | XA119 | 36 | | | 16B | 9 | | SPI0131 | 13 | KK1260 | 01 | 2 | TQ2 | C3 | | 15B | |
| 33360 | | XA119 | 32 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 20B | |
| 34029 | | XA119 | 33 | | | XA121 | 05 | | | 16B | 9 | | KK1260 | 01 | KK1260 | 00 | 1 | TQ2 | C3 | | 16B | KK12 STATE 6 |
| 34009 | | XA119 | 34 | | | XA133 | 07 | | | 16B | 9 | | KK1205T | 01 | KK1250 | 01 | 1 | TQ2 | C2 | | 16A | |
| 34013 | | XA119 | 35 | | | XA133 | 11 | | | 16B | 9 | | KK1207T | 01 | KK1270 | 01 | 1 | TQ2 | C4 | | 17B | |
| 35341 | | XA119 | 36 | | | XA119 | 37 | | | 16B | 9 | | SPI0131 | 14 | KK1250 | 01 | 2 | TQ2 | C2 | | 17A | |
| CONNECTOR (XA119) CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1051

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA119
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 37

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CXT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------------|------|-------|-------|--------|---------|----------|--------|------|------------------|-------|---------------------|-------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTY GROUP | CODE | COLOR | IDENT | | | | | | | | | AND | OR | | |
| 35342 | | XA119 | 37 | | XA119 | 43 | | | | | | SPI0131 | 15 | KK1270 | 01 | 2 | TQ2 | C4 | 18B | | | |
| 34025 | | XA119 | 38 | | XA121 | 13 | | | | | | KK1240 | 01 | KK1240 | 00 | 1 | TQ2 | C1 | 18A | KK12 STATE 4 | | |
| 34032 | | XA119 | 39 | | | | | | | | | KK1270 | 02 | KK1270 | 00 | 1 | TQ2 | C4 | 19B | KK12 STATE 7 | | |
| 34008 | | XA119 | 40 | | | | | | | | | KK1204T | 02 | KK1240 | 01 | 1 | TQ2 | C1 | 19A | | | |
| 33994 | | XA119 | 41 | | XA134 | 62 | | | | | | KK12B4U | 02 | KK150A | 01 | 1 | TQ2 | D3 | 22B | | | |
| 35344 | | XA119 | 42 | | XA119 | 50 | | | | | | SPI0131 | 17 | KK1240 | 01 | 2 | TQ2 | C1 | 20A | | | |
| 35343 | | XA119 | 43 | | XA119 | 42 | | | | | | SPI0131 | 16 | KK150A | 01 | 2 | TQ2 | D3 | 23B | | | |
| 33361 | | XA119 | 44 | | | | | | | | | GND | 01 | | | | TQ2 | | 21B | | | |
| 34044 | | XA119 | 45 | | XA117 | 26 | | | | | | KK150A | 01 | KK150A | 00 | 1 | TQ2 | D3 | 24B | | | |
| 34041 | | XA119 | 46 | | XA131 | 60 | | | | | | KK1290 | 06 | KK1290 | 00 | 1 | TQ2 | D2 | 21A | KK12 STATE 9 | | |
| 33703 | | XA119 | 47 | | XA118 | 19 | | | | | | KDEV10 | 01 | KDEV0A | 01 | 1 | TQ2 | D4 | 25B | | | |
| 34017 | | XA119 | 48 | | XA133 | 18 | | | | | | KK1209T | 01 | KK1290 | 01 | 1 | TQ2 | D2 | 22A | | | |
| 34393 | | XA119 | 49 | | XA121 | 49 | | | | | | KXCP3B | 08 | KDEV0A | 01 | 2 | TQ2 | D4 | 26B | | | |
| 35345 | | XA119 | 50 | | XA119 | 55 | | | | | | SPI0131 | 18 | KK1290 | 01 | 2 | TQ2 | D2 | 23A | | | |
| 33695 | | XA119 | 51 | | XA121 | 43 | | | | | | KDEV0A | 02 | KDEV0A | 00 | 1 | TQ2 | D4 | 27B | | | |
| 34035 | | XA119 | 52 | | | | | | | | | KK1280 | 03 | KK1280 | 00 | 1 | TQ2 | D1 | 24A | KK12 STATE 8 | | |
| 33961 | | XA119 | 53 | | | | | | | | | KK08B2U | 03 | KK09QA | 01 | 1 | TQ2 | E3 | 28B | | | |
| 34016 | | XA119 | 54 | | | | | | | | | KK1208T | 02 | KK1280 | 01 | 1 | TQ2 | D1 | 25A | | | |
| 35346 | | XA119 | 55 | | XA119 | 56 | | | | | | SPI0131 | 19 | KK09QA | 01 | 2 | TQ2 | E3 | 29B | | | |
| 35347 | | XA119 | 56 | | XA120 | 61 | | | | | | SPI0131 | 20 | KK1280 | 01 | 2 | TQ2 | D1 | 26A | | | |
| 33982 | | XA119 | 57 | | XA115 | 10 | | | | | | KK09QA | 01 | KK09QA | 00 | 1 | TQ2 | E3 | 30B | | | |
| 33362 | | XA119 | 58 | | | | | | | | | GND | 01 | | | | TQ2 | | 27A | | | |
| 33760 | | XA119 | 59 | | | | | | | | | KDOUTQ | 08 | KXDV2A | 01 | 1 | TQ2 | E4 | 31B | | | |
| 33975 | | XA119 | 60 | | XA115 | 13 | | | | | | KK08QA | 01 | KK08QA | 00 | 1 | TQ2 | E2 | 28A | | | |
| 34479 | | XA119 | 61 | | | | | | | | | KXDV20 | 02 | KXDV2A | 01 | 2 | TQ2 | E4 | 32B | | | |
| 33956 | | XA119 | 62 | | XA124 | 56 | | | | | | KK08B1U | 01 | KK08QA | 01 | 1 | TQ2 | E2 | 29A | | | |
| 34476 | | XA119 | 63 | | XA113 | 54 | | | | | | KXDV2A | 01 | KXDV2A | 00 | 1 | TQ2 | E4 | 33B | | | |
| 35349 | | XA119 | 64 | | XA119 | 70 | | | | | | SPI0131 | 22 | KK08QA | 01 | 2 | TQ2 | E2 | 30A | | | |
| 34097 | | XA119 | 65 | | | | | | | | | KRTDEA | 02 | KXXDD0 | 01 | 1 | TQ2 | F3 | 34B | | | |
| 33818 | | XA119 | 66 | | XA120 | 60 | | | | | | KETX00 | 01 | KETX00 | 00 | 1 | TQ2 | F1 | 31A | | | |
| 33363 | | XA119 | 67 | | | | | | | | | GND | 01 | | | | TQ2 | | 40A | | | |
| 33816 | | XA119 | 68 | | XA114 | 47 | | | | | | KETX0A | 01 | KETX00 | 01 | 1 | TQ2 | F1 | 32A | | | |
| 34999 | | XA119 | 69 | | XA126 | 76 | | | | | | KXXDD0 | 01 | KXXDD0 | 00 | 1 | TQ2 | F3 | 35A | | | |
| 35350 | | XA119 | 70 | | XA119 | 73 | | | | | | SPI0131 | 23 | KETX00 | 01 | 2 | TQ2 | F1 | 33A | | | |
| 34137 | | XA119 | 71 | | XA120 | 74 | | | | | | KRS00 | 01 | KRS0A | 01 | 1 | TQ2 | F2 | 36A | | | |
| 34133 | | XA119 | 72 | | XA118 | 36 | | | | | | KRS0A | 01 | KRS0A | 00 | 1 | TQ2 | F2 | 34A | | | |
| 35351 | | XA119 | 73 | | XA119 | 78 | | | | | | SPI0131 | 24 | KRS0A | 01 | 2 | TQ2 | F2 | 36B | | | |
| 34064 | | XA119 | 74 | | XA127 | 69 | | | | | | KLTE0A | 01 | KXXDD0 | 01 | 2 | TQ2 | F3 | 35B | | | |
| 34421 | | XA119 | 75 | | XA116 | 66 | | | | | | KXDBS0 | 01 | KXDBS0 | 00 | 1 | TQ2 | F1 | 37B | INPUT MUX STATUS | | |
| 34968 | | XA119 | 76 | | | | | | | | | KXXCSA | 02 | KXXCS0 | 01 | 1 | TQ2 | F4 | 37A | | | |
| 35004 | | XA119 | 77 | | XA124 | 78 | | | | | | KXXDIP | 02 | KXDBS0 | 01 | 1 | TQ2 | F1 | 38B | | | |
| 35352 | | XA119 | 78 | | XA120 | 75 | | | | | | SPI0131 | 25 | KXXCS0 | 01 | 2 | TQ2 | F4 | 38A | | | |
| 35022 | | XA119 | 79 | | XA125 | 70 | | | | | | KXXDSP | 02 | KXDBS0 | 01 | 2 | TQ2 | F1 | 39B | | | |
| 34971 | | XA119 | 80 | | | | | | | | | KXXCS0 | 03 | KXXCS0 | 00 | 1 | TQ2 | F4 | 39A | | | |
| 35331 | | XA120 | 01 | | XA122 | 05 | | | | | | SPI0131 | 04 | | 01 | 1 | TT3 | A2 | 02B | | | |
| 33364 | | XA120 | 02 | | | | | | | | | GND | 01 | | | | TT3 | | 01B | | | |
| 35180 | | XA120 | 03 | | XA120 | 09 | | | | | | SPI0021 | 05 | | 01 | 2 | TT3 | A2 | 02A | | | |
| 33569 | | XA120 | 04 | | | | | | | | | KAER0A | 02 | KAER0A | 00 | 1 | TT3 | A1 | 04A | SET OUTPUT COMMAND | | |
| CONNECTOR XA120 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1052

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA120
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 38

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTORY | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|------|--------|-----------|-----|------|-------|------|-------|-------|---------|--------|----------|------|---------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | WIRE | PREFIX | CONNECTOR | PIN | WIRE | GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 35211 | | XA120 | 05 | | | XA120 | 11 | | | 16B | 9 | | SPI0031 | 05 | | 01 | 3 | TT3 | A2 | | 03B | | |
| 33756 | | XA120 | 06 | | | XA115 | 22 | | | 16B | 9 | | KDOUTQ | 04 | KAEBOA | 01 | 1 | TT3 | A1 | | 05A | | |
| 36759 | | XA120 | 07 | | | | | | | | | | SPO | 01 | | 00 | 1 | TT3 | A2 | | 03A | | |
| 34501 | | XA120 | 08 | | | | | | | | | | KXEB1Q | 04 | KAEBOA | 01 | 2 | TT3 | A1 | | 06A | | |
| 35181 | | XA120 | 09 | | | XA119 | 13 | | | 16B | 9 | | SPI0021 | 06 | | 01 | 1 | TT3 | A3 | | 04B | | |
| 34403 | | XA120 | 10 | | | XA122 | 10 | | | 16B | 9 | | KXCP3B | 18 | KAEBOA | 01 | 3 | TT3 | A1 | | 07A | | |
| 35212 | | XA120 | 11 | | | XA115 | 31 | | | 16B | 9 | | SPI0031 | 06 | | 01 | 2 | TT3 | A3 | | 05B | | |
| 33055 | | XA120 | 12 | | | | | | | | | | +5V | 01 | | | | TT3 | | | | | |
| 35335 | | XA120 | 13 | | | XA119 | 20 | | | 16B | 9 | | SPI0131 | 08 | | 01 | 3 | TT3 | A3 | | 06B | C02 | |
| 35334 | | XA120 | 14 | | | | | | | | | | KPDT9A | 02 | KPDT90 | 01 | 1 | TT3 | B2 | | 09A | | |
| 36760 | | XA120 | 15 | | | | | | | | | | SPO | 01 | | 00 | 1 | TT3 | A3 | | 07B | | |
| 33365 | | XA120 | 16 | | | | | | | | | | GND | 01 | | | | TT3 | | | 21B | | |
| 35213 | | XA120 | 17 | | | | | | | | | | KPDT8A | 02 | KPDT90 | 01 | 2 | TT3 | B2 | | 08B | | |
| 35179 | | XA120 | 18 | | | XA126 | 63 | | | 16B | 9 | | KOUT0A | 01 | KPDT90 | 01 | 3 | TT3 | B2 | | 10A | | |
| 36761 | | XA120 | 19 | | | | | | | | | | KPDT90 | 02 | KPDT90 | 00 | 1 | TT3 | B2 | | 09B | SERIAL OUTPUT DATA | |
| 36762 | | XA120 | 20 | | | | | | | | | | SPO | 01 | | 00 | 1 | TT3 | B1 | | 11A | | |
| 35336 | | XA120 | 21 | | | XA114 | 76 | | | 16B | 9 | | KIEN0A | 005 | KKTC10 | 01 | 1 | TT3 | B3 | | 10B | C02 | |
| 35178 | | XA120 | 22 | | | XA115 | 30 | | | 16B | 9 | | SPI0021 | 03 | | 01 | 1 | TT3 | B1 | | 12A | | |
| 35215 | | XA120 | 23 | | | | | | | | | | KXRS0B | 53 | KKTC10 | 01 | 2 | TT3 | B3 | | 11B | C02 | |
| 35214 | | XA120 | 24 | | | XA118 | 34 | | | 16B | 9 | | SPI0031 | 08 | | 01 | 2 | TT3 | B1 | | 13A | C02 | |
| 35177 | | XA120 | 25 | | | XA120 | 22 | | | 16B | 9 | | SPI0021 | 02 | KKTC10 | 01 | 3 | TT3 | B3 | | 12B | C02 | |
| 35330 | | XA120 | 26 | | | XA120 | 01 | | | 16B | 9 | | SPI0131 | 03 | | 01 | 3 | TT3 | B1 | | 14A | | |
| 36763 | | XA120 | 27 | | | XA119 | 11 | | | 16B | 9 | | KKTC10 | 01 | KKTC10 | 00 | 1 | TT3 | B3 | | 13B | C02 | |
| 33056 | | XA120 | 28 | | | | | | | | | | +5V | 01 | | | | TT3 | | | | | |
| 33642 | | XA120 | 29 | | | XA113 | 31 | | | 16B | 9 | | KA0ENS | 03 | KA0ENR | 01 | 1 | TT3 | C2 | | 14B | | |
| 33646 | | XA120 | 30 | | | XA113 | 23 | | | 16B | 9 | | KA0ERA | 01 | KA0ENR | 01 | 2 | TT3 | C2 | | 15A | | |
| 33637 | | XA120 | 31 | | | XA121 | 34 | | | 16B | 9 | | KA0ENR | 01 | KA0ENR | 00 | 1 | TT3 | C2 | | 15B | | |
| 33366 | | XA120 | 32 | | | | | | | | | | GND | 01 | | | | TT3 | | | 27A | | |
| 33586 | | XA120 | 33 | | | | | | | | | | KAEN1S | 03 | KAEN1R | 01 | 1 | TT3 | C3 | | 16B | | |
| 34664 | | XA120 | 34 | | | XA120 | 42 | | | 16B | 9 | | KXRS0B | 37 | KA0ENR | 01 | 3 | TT3 | C2 | | 16A | | |
| 33595 | | XA120 | 35 | | | XA122 | 38 | | | 16B | 9 | | KAEN3A | 01 | KAEN1R | 01 | 2 | TT3 | C3 | | 17B | | |
| 33612 | | XA120 | 36 | | | | | | | | | | KAEOBR | 02 | KAEOBR | 00 | 1 | TT3 | C1 | | 17A | | |
| 34663 | | XA120 | 37 | | | XA120 | 34 | | | 16B | 9 | | KXRS0B | 36 | KAEN1R | 01 | 3 | TT3 | C3 | | 18B | | |
| 33614 | | XA120 | 38 | | | XA121 | 38 | | | 16B | 9 | | KAEOBS | 02 | KAEOBR | 01 | 1 | TT3 | C1 | | 18A | | |
| 33582 | | XA120 | 39 | | | XA121 | 29 | | | 16B | 9 | | KAEN1R | 01 | KAEN1R | 00 | 1 | TT3 | C3 | | 19B | | |
| 33566 | | XA120 | 40 | | | XA113 | 11 | | | 16B | 9 | | KAEBRA | 01 | KAEOBR | 01 | 2 | TT3 | C1 | | 19A | | |
| 33599 | | XA120 | 41 | | | XA121 | 46 | | | 16B | 9 | | KAEN3S | 01 | KAEN3R | 01 | 1 | TT3 | D2 | | 22B | | |
| 34665 | | XA120 | 42 | | | XA122 | 43 | | | 16B | 9 | | KXRS0B | 38 | KAEOBR | 01 | 3 | TT3 | C1 | | 20A | | |
| 33598 | | XA120 | 43 | | | | | | | | | | KAEN3R | 02 | KAEN3R | 00 | 1 | TT3 | D2 | | 23B | | |
| 33367 | | XA120 | 44 | | | | | | | | | | GND | 01 | | | | TT3 | | | 40A | | |
| 33712 | | XA120 | 45 | | | | | | | | | | KDEV2S | 03 | KDEV2R | 01 | 1 | TT3 | D3 | | 24B | | |
| 33609 | | XA120 | 46 | | | XA122 | 39 | | | 16B | 9 | | KAEN7A | 01 | KAEN3R | 01 | 2 | TT3 | D2 | | 21A | | |
| 33702 | | XA120 | 47 | | | | | | | | | | KDEV1A | 03 | KDEV2R | 01 | 2 | TT3 | D3 | | 25B | | |
| 34661 | | XA120 | 48 | | | XA120 | 49 | | | 16B | 9 | | KXRS0B | 34 | KAEN3R | 01 | 3 | TT3 | D2 | | 22A | | |
| 34662 | | XA120 | 49 | | | XA120 | 37 | | | 16B | 9 | | KXRS0B | 35 | KDEV2R | 01 | 3 | TT3 | D3 | | 26B | | |
| 33589 | | XA120 | 50 | | | XA121 | 54 | | | 16B | 9 | | KAEN2R | 01 | KAEN2R | 00 | 1 | TT3 | D1 | | 23A | | |
| 33708 | | XA120 | 51 | | | XA122 | 54 | | | 16B | 9 | | KDEV2R | 02 | KDEV2R | 00 | 1 | TT3 | D3 | | 27B | | |
| 33594 | | XA120 | 52 | | | | | | | | | | KAEN2S | 03 | KAEN2R | 01 | 1 | TT3 | D1 | | 24A | | |
| 33863 | | XA120 | 53 | | | | | | | | | | KIEN1S | 04 | KETX1A | 01 | 1 | TT3 | E2 | | 28B | | |
| 33604 | | XA120 | 54 | | | XA122 | 60 | | | 16B | 9 | | KAEN5A | 01 | KAEN2R | 01 | 2 | TT3 | D1 | | 25A | | |
| CONNECTOR XA120 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1053

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA120
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 39

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO | |
|---|--------|-----------|-----|----|--------|-----------|-----|----|-------------|------|-------|-------|--------|---------|----------|--------|--------|------------------|-------|---------------------|--------------------|--------------------|--------------------|----------------|
| | PREFIX | CONNECTOR | PIN | TO | PREFIX | CONNECTOR | PIN | TO | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | SPEC INST MISC |
| 33822 | | XA120 | 55 | | | XA125 | 62 | | | | 16B | 9 | | KETX1A | 03 | KETX1A | 00 | 1 | TT3 | E2 | | | | |
| 34660 | | XA120 | 56 | | | XA120 | 48 | | | | 16B | 9 | | KXRS0B | 33 | KAEN2R | 01 | 3 | TT3 | D1 | | 29B | EXT CHARACTER STRO | |
| 35206 | | XA120 | 57 | | | | | | | | | | | SPI0021 | 31 | | 01 | 1 | TT3 | E3 | | 30B | | |
| 33368 | | XA120 | 58 | | | | | | | | | | | GND | 01 | | | | TT3 | | | 40B | | |
| 35230 | | XA120 | 59 | | | XA120 | 79 | | | | 16B | 9 | | SPI0031 | 24 | | 01 | 2 | TT3 | E3 | | 31B | | |
| 33819 | | XA120 | 60 | | | | | | | | | | | KETX00 | 02 | KETX1A | 01 | 2 | TT3 | E2 | | 28A | | |
| 35348 | | XA120 | 61 | | | XA119 | 64 | | | | 16B | 9 | | SPI0131 | 21 | | 01 | 3 | TT3 | E3 | | 32B | | |
| 34392 | | XA120 | 62 | | | XA119 | 49 | | | | 16B | 9 | | KXCP3B | 07 | KETX1A | 01 | 3 | TT3 | E2 | | 29A | | |
| 36764 | | XA120 | 63 | | | | | | | | | | | SPO | 01 | | 00 | 1 | TT3 | E3 | | 33B | | |
| 33716 | | XA120 | 64 | | | | | | | | | | | KDEV3R | 02 | KDEV3R | 00 | 1 | TT3 | F1 | | 30A | | |
| 34119 | | XA120 | 65 | | | XA123 | 36 | | | | 16B | 9 | | KSNC2A | 01 | KRSR00 | 01 | 1 | TT3 | F2 | | 34B | | |
| 33717 | | XA120 | 66 | | | XA121 | 47 | | | | 16B | 9 | | KDEV3S | 01 | KDEV3R | 01 | 1 | TT3 | F1 | | 31A | | |
| 33369 | | XA120 | 67 | | | | | | | | | | | GND | 01 | | | | TT3 | | | | | |
| 33713 | | XA120 | 68 | | | XA121 | 39 | | | | 16B | 9 | | KDEV3A | 01 | KDEV3R | 01 | 2 | TT3 | F1 | | 32A | | |
| 33671 | | XA120 | 69 | | | XA121 | 65 | | | | 16B | 9 | | KDAIN0 | 05 | KRTDEA | 01 | 1 | TT3 | F3 | | 35A | | |
| 34667 | | XA120 | 70 | | | XA120 | 72 | | | | 16B | 9 | | KXRS0B | 40 | KDEV3R | 01 | 3 | TT3 | F1 | | 33A | | |
| 35062 | | XA120 | 71 | | | | | | | | | | | KXODRA | 03 | KRSR00 | 01 | 2 | TT3 | F2 | | 36A | | |
| 34668 | | XA120 | 72 | | | XA118 | 66 | | | | 16B | 9 | | KXRS0B | 41 | KRSR00 | 01 | 3 | TT3 | F2 | | 34A | | |
| 36765 | | XA120 | 73 | | | | | | | | | | | SPO | 01 | | 00 | 1 | TT3 | F1 | | 36B | | |
| 34138 | | XA120 | 74 | | | | | | | | | | | KRSR00 | 02 | KRSR00 | 00 | 1 | TT3 | F2 | | 35B | RESET ERROR/STATUS | |
| 35353 | | XA120 | 75 | | | XA121 | 79 | | | | 16B | 9 | | SPI0131 | 26 | | 01 | 1 | TT3 | F1 | | 37B | | |
| 33624 | | XA120 | 76 | | | XA122 | 53 | | | | 16B | 9 | | KAIENS | 06 | KRTDEA | 01 | 2 | TT3 | F3 | | 37A | | |
| 35381 | | XA120 | 77 | | | XA123 | 79 | | | | 16B | 9 | | SPI0141 | 20 | | 01 | 2 | TT3 | F1 | | 38B | | |
| 34491 | | XA120 | 78 | | | | | | | | | | | KXEA00 | 04 | KRTDEA | 01 | 3 | TT3 | F3 | | 38A | | |
| 35231 | | XA120 | 79 | | | XA124 | 65 | | | | 16B | 9 | | SPI0031 | 25 | | 01 | 3 | TT3 | F1 | | 39B | | |
| 34096 | | XA120 | 80 | | | XA119 | 65 | | | | 16B | 9 | | KRTDEA | 01 | KRTDEA | 00 | 1 | TT3 | F3 | | 39A | INPUT COMMAND STAR | |
| 33777 | | XA121 | 01 | | | XA129 | 53 | | | | 16B | 9 | | KD02SA | 01 | KD02SA | 00 | 1 | TQ2 | A2 | | 02B | | |
| 33370 | | XA121 | 02 | | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01A | | |
| 33725 | | XA121 | 03 | | | XA121 | 04 | | | | 16B | 9 | | KDP7S0 | 02 | KD03SA | 01 | 1 | TQ2 | A3 | | 02A | | |
| 33726 | | XA121 | 04 | | | XA121 | 08 | | | | 16B | 9 | | KDP7S0 | 03 | KD02SA | 01 | 1 | TQ2 | A2 | | 04A | | |
| 34030 | | XA121 | 05 | | | | | | | | | | | KK1260 | 02 | KD02SA | 01 | 2 | TQ2 | A2 | | 03B | | |
| 33770 | | XA121 | 06 | | | XA130 | 65 | | | | 16B | 9 | | KD01SA | 01 | KD01SA | 00 | 1 | TQ2 | A1 | | 05A | | |
| 34027 | | XA121 | 07 | | | XA119 | 30 | | | | 16B | 9 | | KK1250 | 01 | KD03SA | 01 | 2 | TQ2 | A3 | | 03A | | |
| 33727 | | XA121 | 08 | | | XA121 | 18 | | | | 16B | 9 | | KDP7S0 | 04 | KD01SA | 01 | 1 | TQ2 | A1 | | 06A | | |
| 33784 | | XA121 | 09 | | | XA129 | 80 | | | | 16B | 9 | | KD03SA | 01 | KD03SA | 00 | 1 | TQ2 | A3 | | 04B | | |
| 34031 | | XA121 | 10 | | | XA119 | 39 | | | | 16B | 9 | | KK1270 | 01 | KD01SA | 01 | 2 | TQ2 | A1 | | 07A | | |
| 33724 | | XA121 | 11 | | | XA121 | 03 | | | | 16B | 9 | | KDP7S0 | 01 | KD04SA | 01 | 1 | TQ2 | A4 | | 05B | | |
| 33057 | | XA121 | 12 | | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 34026 | | XA121 | 13 | | | | | | | | | | | KK1240 | 02 | KD04SA | 01 | 2 | TQ2 | A4 | | 06B | | |
| 33805 | | XA121 | 14 | | | XA128 | 80 | | | | 16B | 9 | | KD06SA | 01 | KD06SA | 00 | 1 | TQ2 | B2 | | 09A | | |
| 33791 | | XA121 | 15 | | | XA129 | 65 | | | | 16B | 9 | | KD04SA | 01 | KD04SA | 00 | 1 | TQ2 | A4 | | 07B | | |
| 33371 | | XA121 | 16 | | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01B | | |
| 33729 | | XA121 | 17 | | | XA121 | 23 | | | | 16B | 9 | | KDP7S0 | 06 | KD07SA | 01 | 1 | TQ2 | B3 | | 08B | | |
| 33728 | | XA121 | 18 | | | XA121 | 17 | | | | 16B | 9 | | KDP7S0 | 05 | KD06SA | 01 | 1 | TQ2 | B2 | | 10A | | |
| 34019 | | XA121 | 19 | | | XA119 | 14 | | | | 16B | 9 | | KK1210 | 01 | KD07SA | 01 | 2 | TQ2 | B3 | | 09B | | |
| 34022 | | XA121 | 20 | | | | | | | | | | | KK1220 | 02 | KD06SA | 01 | 2 | TQ2 | B2 | | 11A | | |
| 33812 | | XA121 | 21 | | | XA128 | 65 | | | | 16B | 9 | | KD07SA | 01 | KD07SA | 00 | 1 | TQ2 | B3 | | 10B | DATA REGISTER SET | |
| 33798 | | XA121 | 22 | | | XA128 | 53 | | | | 16B | 9 | | KD05SA | 01 | KD05SA | 00 | 1 | TQ2 | B1 | | 12A | | |
| CONNECTOR XA121 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1054

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA121
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 40

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SPEC. INST. DISC. | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------------------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------------------|
| | PREFIX | CONNECTOR | PIN | PK FC | PREFIX | CONNECTOR | PIN | PK FC | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 33730 | | XA121 | 23 | | XA121 | 24 | | | 16B | 9 | | | KDP7S0 | 07 | KDOPSA | 01 | 1 | TQ2 | B4 | | 11B | | |
| 33731 | | XA121 | 24 | | XA122 | 27 | | | 16B | 9 | | | KDP7S0 | 08 | KD05SA | 01 | 1 | TQ2 | R1 | | 13A | | |
| 34034 | | XA121 | 25 | | XA119 | 52 | | | 16B | 9 | | | KK1280 | 02 | KDOPSA | 01 | 2 | TQ2 | B4 | | 12B | | |
| 34023 | | XA121 | 26 | | XA119 | 27 | | | 16B | 9 | | | KK1230 | 01 | KD05SA | 01 | 2 | TQ2 | B1 | | 14A | | |
| 33751 | | XA121 | 27 | | XA130 | 53 | | | 16B | 9 | | | KDOPSA | 01 | KDOPSA | 00 | 1 | TQ2 | B4 | | 13B | | DATA REGISTER SET |
| 33058 | | XA121 | 28 | | | | | | | | | | +5V | 01 | | | | | | | | | |
| 33583 | | XA121 | 29 | | | | | | | | | | KAEN1R | 02 | KAEN1S | 01 | 1 | TQ2 | C3 | | 14B | | |
| 33641 | | XA121 | 30 | | XA120 | 29 | | | 16B | 9 | | | KAENS | 02 | KAENS | 00 | 1 | TQ2 | C2 | | 15A | | AUTO OUTPUT MODE |
| 33602 | | XA121 | 31 | | XA122 | 30 | | | 16B | 9 | | | KAEN4A | 01 | KAEN1S | 01 | 2 | TQ2 | C3 | | 15B | | |
| 33372 | | XA121 | 32 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 20B | | |
| 33585 | | XA121 | 33 | | XA120 | 33 | | | 16B | 9 | | | KAEN1S | 02 | KAEN1S | 00 | 1 | TQ2 | C3 | | 16B | | OUTPUT COUNTER BIT |
| 33638 | | XA121 | 34 | | XA121 | 53 | | | 16B | 9 | | | KAENR | 02 | KAENS | 01 | 1 | TQ2 | C2 | | 16A | | |
| 33707 | | XA121 | 35 | | XA120 | 51 | | | 16B | 9 | | | KDEV2R | 01 | KDEV3A | 01 | 1 | TQ2 | C4 | | 17B | | |
| 33571 | | XA121 | 36 | | XA115 | 23 | | | 16B | 9 | | | KAEN0A | 02 | KAENS | 01 | 2 | TQ2 | C2 | | 17A | | |
| 34369 | | XA121 | 37 | | XA122 | 37 | | | 16B | 9 | | | KXCP1B | 13 | KDEV3A | 01 | 2 | TQ2 | C4 | | 18B | | |
| 33615 | | XA121 | 38 | | XA131 | 55 | | | 16B | 9 | | | KAEOBS | 03 | KAEOBS | 00 | 1 | TQ2 | C1 | | 18A | | EOB RECEIVED ON OU |
| 33714 | | XA121 | 39 | | | | | | | | | | KDEV3A | 02 | KDEV3A | 00 | 1 | TQ2 | C4 | | 19B | | |
| 33611 | | XA121 | 40 | | XA120 | 36 | | | 16B | 9 | | | KAEOBR | 01 | KAEOBS | 01 | 1 | TQ2 | C1 | | 19A | | |
| 33689 | | XA121 | 41 | | XA122 | 45 | | | 16B | 9 | | | KDEVIR | 01 | KDEVIS | 01 | 1 | TQ2 | D3 | | 22B | | |
| 33568 | | XA121 | 42 | | XA120 | 04 | | | 16B | 9 | | | KAEB0A | 01 | KAEOBS | 01 | 2 | TQ2 | C1 | | 20A | | |
| 33696 | | XA121 | 43 | | XA122 | 56 | | | 16B | 9 | | | KDEVOA | 03 | KDEVIS | 01 | 2 | TQ2 | D3 | | 23B | | |
| 33373 | | XA121 | 44 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 21B | | |
| 33692 | | XA121 | 45 | | XA122 | 41 | | | 16B | 9 | | | KDEVIS | 01 | KDEVIS | 00 | 1 | TQ2 | D3 | | 24B | | END INPUT COMND RE |
| 33600 | | XA121 | 46 | | XA122 | 62 | | | 16B | 9 | | | KAEN3S | 02 | KAEN3S | 00 | 1 | TQ2 | D2 | | 21A | | OUTPUT COUNTER BIT |
| 33718 | | XA121 | 47 | | XA122 | 46 | | | 16B | 9 | | | KDEV3S | 02 | KDEVIA | 01 | 1 | TQ2 | D4 | | 25B | | |
| 33597 | | XA121 | 48 | | XA120 | 43 | | | 16B | 9 | | | KAEN3R | 01 | KAEN3S | 01 | 1 | TQ2 | D2 | | 22A | | |
| 34394 | | XA121 | 49 | | XA122 | 49 | | | 16B | 9 | | | KXCP3B | 09 | KDEVIA | 01 | 2 | TQ2 | D4 | | 26B | | |
| 33607 | | XA121 | 50 | | XA122 | 33 | | | 16B | 9 | | | KAEN6A | 01 | KAEN3S | 01 | 2 | TQ2 | D2 | | 23A | | |
| 33701 | | XA121 | 51 | | XA120 | 47 | | | 16B | 9 | | | KDEVIA | 02 | KDEVIA | 00 | 1 | TQ2 | D4 | | 27B | | |
| 33593 | | XA121 | 52 | | XA120 | 52 | | | 16B | 9 | | | KAEN2S | 02 | KAEN2S | 00 | 1 | TQ2 | D1 | | 24A | | OUTPUT COUNTER BIT |
| 33639 | | XA121 | 53 | | | | | | | | | | KAENR | 03 | KXDV20 | 01 | 1 | TQ2 | E3 | | 28B | | |
| 33590 | | XA121 | 54 | | XA122 | 35 | | | 16B | 9 | | | KAEN2R | 02 | KAEN2S | 01 | 1 | TQ2 | D1 | | 25A | | |
| 35010 | | XA121 | 55 | | XA123 | 65 | | | 16B | 9 | | | KXXDIR | 02 | KXDV20 | 01 | 2 | TQ2 | E3 | | 29B | | |
| 34502 | | XA121 | 56 | | XA126 | 62 | | | 16B | 9 | | | KXED0A | 01 | KAEN2S | 01 | 2 | TQ2 | D1 | | 26A | | |
| 34478 | | XA121 | 57 | | XA119 | 61 | | | 16B | 9 | | | KXDV20 | 01 | KXDV20 | 00 | 1 | TQ2 | E3 | | 30B | | |
| 33374 | | XA121 | 58 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 27A | | |
| 33849 | | XA121 | 59 | | | | | | | | | | KIENOR | 03 | KIEN3A | 01 | 1 | TQ2 | E4 | | 31B | | |
| 36766 | | XA121 | 60 | | | | | | | | | | SPO | 01 | | 00 | 1 | TQ2 | E2 | | 28A | | |
| 34368 | | XA121 | 61 | | XA121 | 37 | | | 16B | 9 | | | KXCP1B | 12 | KIEN3A | 01 | 2 | TQ2 | E4 | | 32B | | |
| 35360 | | XA121 | 62 | | XA144 | 72 | | | 16B | 9 | | | SPI0131 | 33 | | 01 | 1 | TQ2 | E2 | | 29A | | |
| 33867 | | XA121 | 63 | | | | | | | | | | KIEN3A | 02 | KIEN3A | 00 | 1 | TQ2 | E4 | | 33B | | |
| 35379 | | XA121 | 64 | | XA121 | 78 | | | 16B | 9 | | | SPI0141 | 18 | | 01 | 2 | TQ2 | E2 | | 30A | | |
| 33672 | | XA121 | 65 | | XA124 | 75 | | | 16B | 9 | | | KDAINQ | 06 | KPRQPA | 01 | 1 | TQ2 | F3 | | 34B | | |
| 33897 | | XA121 | 66 | | | | | | | | | | KKPE1A | 02 | KKPE1A | 00 | 1 | TQ2 | F1 | | 31A | | DIVIDE BY 10 PARAL |
| 33375 | | XA121 | 67 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 40A | | |
| 34040 | | XA121 | 68 | | XA119 | 46 | | | 16B | 9 | | | KK1290 | 05 | KKPE1A | 01 | 1 | TQ2 | F1 | | 32A | | |
| 34083 | | XA121 | 69 | | XA122 | 76 | | | 16B | 9 | | | KPRQPA | 01 | KPRQPA | 00 | 1 | TQ2 | F3 | | 35A | | |
| 33893 | | XA121 | 70 | | XA122 | 66 | | | 16B | 9 | | | KKPE00 | 03 | KKPE1A | 01 | 2 | TQ2 | F1 | | 33A | | |
| 34976 | | XA121 | 71 | | XA122 | 65 | | | 16B | 9 | | | KXXC2Q | 01 | KXXCSA | 01 | 1 | TQ2 | F2 | | 36A | | |
| 34967 | | XA121 | 72 | | XA119 | 76 | | | 16B | 9 | | | KXXCSA | 01 | KXXCSA | 00 | 1 | TQ2 | F2 | | 34A | | IOU INPUT STROBE |

CONNECTOR XA121 CONTINUED ON THE NEXT PAGE ***

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA121
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 41

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|------|--------|-----------|-----|------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | IFTC | PREFIX | CONNECTOR | PIN | IFTC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 34990 | | XA121 | 73 | | | XA128 | 49 | | | 16B | 9 | | KXXC4Q | 01 | KXXCSA | 01 | 2 | TQ2 | F2 | | 36B | | |
| 35037 | | XA121 | 74 | | | XA118 | 61 | | | 16B | 9 | | KXXREQ | 01 | KPRQPA | 01 | 2 | TQ2 | F3 | | 35B | | |
| 33663 | | XA121 | 75 | | | XA117 | 39 | | | 16B | 9 | | KCDESA | 01 | KCDESA | 00 | 1 | TQ2 | F1 | | 37B | | |
| 35355 | | XA121 | 76 | | | XA122 | 79 | | | 16B | 9 | | SPI0131 | 28 | | 01 | 1 | TQ2 | F4 | | 37A | | |
| 33666 | | XA121 | 77 | | | | | | | | | | KCDESO | 02 | KCDESA | 01 | 1 | TQ2 | F1 | | 38B | | |
| 35380 | | XA121 | 78 | | | XA120 | 77 | | | 16B | 9 | | SPI0141 | 19 | | 01 | 2 | TQ2 | F4 | | 38A | | |
| 35354 | | XA121 | 79 | | | XA121 | 76 | | | 16B | 9 | | SPI0131 | 27 | KCDESA | 01 | 2 | TQ2 | F1 | | 39B | | |
| 36767 | | XA121 | 80 | | | | | | | | | | SPO | 01 | | 00 | 1 | TQ2 | F4 | | 39A | | |
| 33971 | | XA122 | 01 | | | XA131 | 61 | | | 16B | 9 | | KK08C0 | 03 | KK08C0 | 00 | 1 | TQ2 | A2 | | 02B | | |
| 33376 | | XA122 | 02 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01A | | |
| 33852 | | XA122 | 03 | | | | | | | | | | KIENOS | 03 | KIEN2A | 01 | 1 | TQ2 | A3 | | 02A | | |
| 33967 | | XA122 | 04 | | | XA115 | 11 | | | 16B | 9 | | KK08CA | 01 | KK08C0 | 01 | 1 | TQ2 | A2 | | 04A | | |
| 35332 | | XA122 | 05 | | | XA122 | 13 | | | 16B | 9 | | SPI0131 | 05 | KK08C0 | 01 | 2 | TQ2 | A2 | | 03B | | |
| 34054 | | XA122 | 06 | | | XA117 | 01 | | | 16B | 9 | | KLPT1A | 02 | KLPT1A | 00 | 1 | TQ2 | A1 | | 05A | | |
| 34376 | | XA122 | 07 | | | XA118 | 14 | | | 16B | 9 | | KXCP1B | 20 | KIEN2A | 01 | 2 | TQ2 | A3 | | 03A | | |
| 34057 | | XA122 | 08 | | | XA118 | 07 | | | 16B | 9 | | KLPT1Q | 01 | KLPT1A | 01 | 1 | TQ2 | A1 | | 06A | | |
| 33864 | | XA122 | 09 | | | XA123 | 26 | | | 16B | 9 | | KIEN2A | 01 | KIEN2A | 00 | 1 | TQ2 | A3 | | 04B | | |
| 34404 | | XA122 | 10 | | | XA122 | 26 | | | 16B | 9 | | KXCP3B | 19 | KLPT1A | 01 | 2 | TQ2 | A1 | | 07A | | |
| 35378 | | XA122 | 11 | | | XA121 | 64 | | | 16B | 9 | | SPI0141 | 17 | | 01 | 1 | TQ2 | A4 | | 05B | | |
| 33059 | | XA122 | 12 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 35333 | | XA122 | 13 | | | XA123 | 18 | | | 16B | 9 | | SPI0131 | 06 | | 01 | 2 | TQ2 | A4 | | 06B | | |
| 33876 | | XA122 | 14 | | | XA123 | 74 | | | 16B | 9 | | KINT2A | 02 | KINT2A | 00 | 1 | TQ2 | B2 | | 09A | | |
| 36768 | | XA122 | 15 | | | | | | | | | | SPO | 01 | | 00 | 1 | TQ2 | A4 | | 07B | | |
| 33377 | | XA122 | 16 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01B | | |
| 34094 | | XA122 | 17 | | | XA123 | 33 | | | 16B | 9 | | KP0UT0 | 02 | KP0T9A | 01 | 1 | TQ2 | B3 | | 08B | | |
| 33872 | | XA122 | 18 | | | XA122 | 77 | | | 16B | 9 | | KINT10 | 01 | KINT2A | 01 | 1 | TQ2 | B2 | | 10A | | |
| 34069 | | XA122 | 19 | | | XA116 | 36 | | | 16B | 9 | | KPDTX1X | 01 | KP0T9A | 01 | 2 | TQ2 | B3 | | 09B | | |
| 35328 | | XA122 | 20 | | | XA122 | 25 | | | 16B | 9 | | SPI0131 | 01 | KINT2A | 01 | 2 | TQ2 | B2 | | 11A | | |
| 34073 | | XA122 | 21 | | | XA120 | 14 | | | 16B | 9 | | KPDT9A | 01 | KP0T9A | 00 | 1 | TQ2 | B3 | | 10B | | |
| 34110 | | XA122 | 22 | | | XA124 | 40 | | | 16B | 9 | | KSNC1A | 01 | KSNC1A | 00 | 1 | TQ2 | B1 | | 12A | | |
| 33722 | | XA122 | 23 | | | XA114 | 35 | | | 16B | 9 | | KDP7SA | 01 | KDP7S0 | 01 | 1 | TQ2 | B4 | | 11B | | |
| 34129 | | XA122 | 24 | | | XA115 | 24 | | | 16B | 9 | | KSNC2S | 05 | KSNC1A | 01 | 1 | TQ2 | B1 | | 13A | | |
| 35329 | | XA122 | 25 | | | XA120 | 26 | | | 16B | 9 | | SPI0131 | 02 | KDP7S0 | 01 | 2 | TQ2 | B4 | | 12B | | |
| 34405 | | XA122 | 26 | | | XA118 | 26 | | | 16B | 9 | | KXCP3B | 20 | KSNC1A | 01 | 2 | TQ2 | B1 | | 14A | | |
| 33732 | | XA122 | 27 | | | | | | | | | | KDP7S0 | 09 | KDP7S0 | 00 | 1 | TQ2 | B4 | | 13B | | |
| 33060 | | XA122 | 28 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 33592 | | XA122 | 29 | | | XA121 | 52 | | | 16B | 9 | | KAEN2S | 01 | KAEN6A | 01 | 1 | TQ2 | C3 | | 14B | | |
| 33603 | | XA122 | 30 | | | | | | | | | | KAEN4A | 02 | KAEN4A | 00 | 1 | TQ2 | C2 | | 15A | | |
| 34371 | | XA122 | 31 | | | XA122 | 36 | | | 16B | 9 | | KXCP1B | 15 | KAEN6A | 01 | 2 | TQ2 | C3 | | 15B | | |
| 33378 | | XA122 | 32 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 20B | | |
| 33608 | | XA122 | 33 | | | | | | | | | | KAEN6A | 02 | KAEN6A | 00 | 1 | TQ2 | C3 | | 16B | | |
| 33576 | | XA122 | 34 | | | XA124 | 43 | | | 16B | 9 | | KAENOS | 01 | KAEN4A | 01 | 1 | TQ2 | C2 | | 16A | | |
| 33591 | | XA122 | 35 | | | | | | | | | | KAEN2R | 03 | KAEN7A | 01 | 1 | TQ2 | C4 | | 17B | | |
| 34372 | | XA122 | 36 | | | XA122 | 42 | | | 16B | 9 | | KXCP1B | 16 | KAEN4A | 01 | 2 | TQ2 | C2 | | 17A | | |
| 34370 | | XA122 | 37 | | | XA122 | 31 | | | 16B | 9 | | KXCP1B | 14 | KAEN7A | 01 | 2 | TQ2 | C4 | | 18B | | |
| 33596 | | XA122 | 38 | | | | | | | | | | KAEN3A | 02 | KAEN3A | 00 | 1 | TQ2 | C1 | | 18A | | |
| 33610 | | XA122 | 39 | | | | | | | | | | KAEN7A | 02 | KAEN7A | 00 | 1 | TQ2 | C4 | | 19B | | |
| 33573 | | XA122 | 40 | | | XA124 | 41 | | | 16B | 9 | | KAENOR | 01 | KAEN3A | 01 | 1 | TQ2 | C1 | | 19A | | |
| CONNECTOR XA122 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA122
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 42

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|---------------------------------|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|---------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH PC | PREFIX | CONNECTOR | PIN | SH PC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 33693 | | XA122 | 41 | | | | | | | | | | KDEVIS | 02 | KDEVIR | 01 | 1 | TQ2 | D3 | | 22B | | |
| 34373 | | XA122 | 42 | | XA124 | 37 | | | 16B | 9 | | | KXCP1B | 17 | KAEN3A | 01 | 2 | TQ2 | C1 | | 20A | | |
| 34666 | | XA122 | 43 | | XA120 | 70 | | | 16B | 9 | | | KXRS0B | 39 | KDEVIR | 01 | 2 | TQ2 | D3 | | 23B | | |
| 33379 | | XA122 | 44 | | | | | | | | | GND | 01 | | | | | TQ2 | | | 21B | | |
| 33690 | | XA122 | 45 | | XA124 | 49 | | | 16B | 9 | | | KDEVIR | 02 | KDEVIR | 00 | 1 | TQ2 | D3 | | 24B | | |
| 33719 | | XA122 | 46 | | | | | | | | | | KDEV3S | 03 | KDEV3S | 00 | 1 | TQ2 | D2 | | 21A | END INPUT COUNTER | |
| 33862 | | XA122 | 47 | | XA120 | 53 | | | 16B | 9 | | | KIEN1S | 03 | KIEN1A | 01 | 1 | TQ2 | D4 | | 25B | | |
| 33715 | | XA122 | 48 | | XA120 | 64 | | | 16B | 9 | | | KDEV3R | 01 | KDEV3S | 01 | 1 | TQ2 | D2 | | 22A | | |
| 34395 | | XA122 | 49 | | XA123 | 50 | | | 16B | 9 | | | KXCP3B | 10 | KIEN1A | 01 | 2 | TQ2 | D4 | | 26B | | |
| 33706 | | XA122 | 50 | | | | | | | | | | KDEV2A | 02 | KDEV3S | 01 | 2 | TQ2 | D2 | | 23A | | |
| 33854 | | XA122 | 51 | | XA115 | 78 | | | 16B | 9 | | | KIEN1A | 02 | KIEN1A | 00 | 1 | TQ2 | D4 | | 27B | | |
| 33711 | | XA122 | 52 | | XA120 | 45 | | | 16B | 9 | | | KDEV2S | 02 | KDEV2S | 00 | 1 | TQ2 | D1 | | 24A | END INPUT COUNTER | |
| 33625 | | XA122 | 53 | | XA123 | 57 | | | 16B | 9 | | | KAIENS | 07 | KIENRO | 01 | 1 | TQ2 | E3 | | 28B | | |
| 33709 | | XA122 | 54 | | | | | | | | | | KDEV2R | 03 | KDEV2S | 01 | 1 | TQ2 | D1 | | 25A | | |
| 33834 | | XA122 | 55 | | | | | | | | | | KEYINOX | 03 | KIENRO | 01 | 2 | TQ2 | E3 | | 29B | | |
| 33697 | | XA122 | 56 | | | | | | | | | | KDEV0A | 04 | KDEV2S | 01 | 2 | TQ2 | D1 | | 26A | | |
| 33838 | | XA122 | 57 | | XA123 | 59 | | | 16B | 9 | | | KIENRO | 01 | KIENRO | 00 | 1 | TQ2 | E3 | | 30B | | |
| 33380 | | XA122 | 58 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 27A | | |
| 33917 | | XA122 | 59 | | XA133 | 46 | | | 16B | 9 | | | KK03B4U | 01 | KK03QA | 01 | 1 | TQ2 | E4 | | 31B | | |
| 33605 | | XA122 | 60 | | XA132 | 75 | | | 16B | 9 | | | KAEN5A | 02 | KAEN5A | 00 | 1 | TQ2 | E2 | | 28A | | |
| 35359 | | XA122 | 61 | | XA121 | 62 | | | 16B | 9 | | | SPIO131 | 32 | KK03QA | 01 | 2 | TQ2 | E4 | | 32B | | |
| 33601 | | XA122 | 62 | | | | | | | | | | KAEN3S | 03 | KAEN5A | 01 | 1 | TQ2 | E2 | | 29A | | |
| 33928 | | XA122 | 63 | | XA134 | 21 | | | 16B | 9 | | | KK03QA | 01 | KK03QA | 00 | 1 | TQ2 | E4 | | 33B | | |
| 34391 | | XA122 | 64 | | XA120 | 62 | | | 16B | 9 | | | KXCP3B | 06 | KAEN5A | 01 | 2 | TQ2 | E2 | | 30A | | |
| 34977 | | XA122 | 65 | | XA129 | 48 | | | 16B | 9 | | | KXXC2Q | 02 | KXSK0A | 01 | 1 | TQ2 | F3 | | 34B | | |
| 33894 | | XA122 | 66 | | XA134 | 64 | | | 16B | 9 | | | KKPE00 | 04 | KKPE00 | 00 | 1 | TQ2 | E1 | | 31A | | |
| 33381 | | XA122 | 67 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 40A | | |
| 33890 | | XA122 | 68 | | | | | | | | | | KKPE0A | 03 | KKPE00 | 01 | 1 | TQ2 | E1 | | 32A | | |
| 34787 | | XA122 | 69 | | XA127 | 35 | | | 16B | 9 | | | KXSK0A | 01 | KXSK0A | 00 | 1 | TQ2 | F3 | | 35A | | |
| 35358 | | XA122 | 70 | | XA122 | 61 | | | 16B | 9 | | | SPIO131 | 31 | KKPE00 | 01 | 2 | TQ2 | E1 | | 33A | | |
| 34455 | | XA122 | 71 | | | | | | | | | | KXDPEA | 02 | KCDES0 | 01 | 1 | TQ2 | F2 | | 36A | | |
| 33665 | | XA122 | 72 | | XA121 | 77 | | | 16B | 9 | | | KCDES0 | 01 | KCDES0 | 00 | 1 | TQ2 | F2 | | 34A | SET COMPUTER DATA | |
| 35059 | | XA122 | 73 | | | | | | | | | | KX0DEA | 02 | KCDES0 | 01 | 2 | TQ2 | F2 | | 36B | | |
| 34981 | | XA122 | 74 | | | | | | | | | | KXXC3P | 02 | KXSK0A | 01 | 2 | TQ2 | F3 | | 35B | | |
| 33870 | | XA122 | 75 | | XA114 | 62 | | | 16B | 9 | | | KINT1A | 03 | KINT1A | 00 | 1 | TQ2 | F1 | | 37B | | |
| 34084 | | XA122 | 76 | | | | | | | | | | KPRQPA | 02 | KPRQPO | 01 | 1 | TQ2 | F4 | | 37A | | |
| 33873 | | XA122 | 77 | | XA113 | 76 | | | 16B | 9 | | | KINT10 | 02 | KINT1A | 01 | 1 | TQ2 | F1 | | 38B | | |
| 35357 | | XA122 | 78 | | XA122 | 70 | | | 16B | 9 | | | SPIO131 | 30 | KPRQPO | 01 | 2 | TQ2 | F4 | | 38A | | |
| 35356 | | XA122 | 79 | | XA122 | 78 | | | 16B | 9 | | | SPIO131 | 29 | KINT1A | 01 | 2 | TQ2 | F1 | | 39B | | |
| 34086 | | XA122 | 80 | | | | | | | | | | KPRQPO | 02 | KPRQPO | 00 | 1 | TQ2 | F4 | | 39A | REQUEST PENDING DN | |
| 34050 | | XA123 | 01 | | | | | | | | | | KLPTBS | 02 | KLPTBS | 00 | 1 | TQ2 | A2 | | 02B | LOOP TEST BUSY F/F | |
| 33382 | | XA123 | 02 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01A | | |
| 34106 | | XA123 | 03 | | | | | | | | | | KSNC0R | 03 | KSNC0S | 01 | 1 | TQ2 | A3 | | 02A | | |
| 34046 | | XA123 | 04 | | XA124 | 07 | | | 16B | 9 | | | KLPTBR | 01 | KLPTBS | 01 | 1 | TQ2 | A2 | | 04A | | |
| 35065 | | XA123 | 05 | | XA126 | 55 | | | 16B | 9 | | | KX0D0A | 03 | KLPTBS | 01 | 2 | TQ2 | A2 | | 03B | | |
| 34061 | | XA123 | 06 | | XA124 | 06 | | | 16B | 9 | | | KLPT2S | 01 | KLPT2S | 00 | 1 | TQ2 | A1 | | 05A | LOOP TEST DATA WAIT | |
| 34140 | | XA123 | 07 | | XA115 | 71 | | | 16B | 9 | | | KSYN1A | 02 | KSNC0S | 01 | 2 | TQ2 | A3 | | 03A | | |
| 34060 | | XA123 | 08 | | | | | | | | | | KLPT2R | 02 | KLPT2S | 01 | 1 | TQ2 | A1 | | 06A | | |
| CONNECTOR | | XA123 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

H78-14 1057

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA123
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 43

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-----|--------|-----------|-----|-----|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SMT | PREFIX | CONNECTOR | PIN | SMT | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 34108 | | XA123 | 09 | | XA124 | 09 | | | | 168 | 9 | | KSNCO5 | 02 | KSNCO5 | 00 | 1 | TQ2 | A3 | | 04B | DEVICE COMMAND SYN | |
| 34053 | | XA123 | 10 | | XA122 | 06 | | | | 168 | 9 | | KLPT1A | 01 | KLPT2S | 01 | 2 | TQ2 | A1 | | 07A | | |
| 33949 | | XA123 | 11 | | XA115 | 09 | | | | 168 | 9 | | KK04FA | 01 | KK04F0 | 01 | 1 | TQ2 | A4 | | 05B | | |
| 33061 | | XA123 | 12 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 35399 | | XA123 | 13 | | XA126 | 10 | | | | 168 | 9 | | SPIO151 | 01 | KK04F0 | 01 | 2 | TQ2 | A4 | | 06B | | |
| 34076 | | XA123 | 14 | | | | | | | | | | SPO | 01 | | | | TQ2 | B2 | | 09A | | |
| 33953 | | XA123 | 15 | | XA131 | 62 | | | | 168 | 9 | | KK04F0 | 03 | KK04F0 | 00 | 1 | TQ2 | A4 | | 07B | | |
| 33383 | | XA123 | 16 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01B | | |
| 33654 | | XA123 | 17 | | XA124 | 27 | | | | 168 | 9 | | KBUSYR | 02 | KBUSYS | 01 | 1 | TQ2 | B3 | | 08B | | |
| 34074 | | XA123 | 18 | | XA123 | 31 | | | | 168 | 9 | | SPIO131 | 063 | | 01 | 1 | TQ2 | B2 | | 10A | | |
| 33648 | | XA123 | 19 | | XA115 | 21 | | | | 168 | 9 | | KBSY0A | 01 | KBUSYS | 01 | 2 | TQ2 | B3 | | 09B | | |
| 34072 | | XA123 | 20 | | XA123 | 13 | | | | 168 | 9 | | SPIO151 | 00 | | 01 | 2 | TQ2 | B2 | | 11A | SERIAL DATA OUTPUT | |
| 33659 | | XA123 | 21 | | XA115 | 25 | | | | 168 | 9 | | KBUSYS | 03 | KBUSYS | 00 | 1 | TQ2 | B3 | | 10B | HARDWARE BUSY F/F | |
| 33861 | | XA123 | 22 | | XA122 | 47 | | | | 168 | 9 | | KIEN1S | 02 | KIEN1S | 00 | 1 | TQ2 | B1 | | 12A | INPUT COUNTER BIT | |
| 34112 | | XA123 | 23 | | XA123 | 40 | | | | 168 | 9 | | KSNCR | 01 | KSNCR3A | 01 | 1 | TQ2 | B4 | | 11B | | |
| 33858 | | XA123 | 24 | | XA124 | 20 | | | | 168 | 9 | | KIEN1R | 01 | KIEN1S | 01 | 1 | TQ2 | B1 | | 13A | | |
| 34375 | | XA123 | 25 | | XA122 | 07 | | | | 168 | 9 | | KXCP1B | 19 | KSNCR3A | 01 | 2 | TQ2 | B4 | | 12B | | |
| 33865 | | XA123 | 26 | | | | | | | | | | KIEN2A | 02 | KIEN1S | 01 | 2 | TQ2 | B1 | | 14A | | |
| 34132 | | XA123 | 27 | | | | | | | | | | KSNCR3A | 02 | KSNCR3A | 00 | 1 | TQ2 | B4 | | 13B | | |
| 33062 | | XA123 | 28 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 34087 | | XA123 | 29 | | XA115 | 35 | | | | 168 | 9 | | KPOUTA | 01 | KPOUTO | 01 | 1 | TQ2 | C3 | | 14B | | |
| 34128 | | XA123 | 30 | | XA122 | 24 | | | | 168 | 9 | | KSNCR2S | 04 | KSNCR2S | 00 | 1 | TQ2 | C2 | | 15A | DEVICE COMMAND SYN | |
| 33882 | | XA123 | 31 | | XA120 | 13 | | | | 168 | 9 | | SPIO131 | 065 | KPOUTO | 01 | 2 | TQ2 | C3 | | 15B | | |
| 33384 | | XA123 | 32 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 20B | | |
| 34095 | | XA123 | 33 | | | | | | | | | | KPOUTO | 03 | KPOUTO | 00 | 1 | TQ2 | C3 | | 16B | OUTPUT TO TTY ENAB | |
| 34123 | | XA123 | 34 | | XA114 | 60 | | | | 168 | 9 | | KSNCR2R | 02 | KSNCR2S | 01 | 1 | TQ2 | C2 | | 16A | | |
| 35071 | | XA123 | 35 | | XA132 | 45 | | | | 168 | 9 | | KXOFRS | 01 | KXODRA | 01 | 1 | TQ2 | C4 | | 17B | | |
| 34120 | | XA123 | 36 | | XA126 | 46 | | | | 168 | 9 | | KSNCR2A | 02 | KSNCR2S | 01 | 2 | TQ2 | C2 | | 17A | | |
| 34926 | | XA123 | 37 | | XA125 | 25 | | | | 168 | 9 | | KXXB10 | 01 | KXODRA | 01 | 2 | TQ2 | C4 | | 18B | | |
| 34117 | | XA123 | 38 | | XA115 | 14 | | | | 168 | 9 | | KSNCR1S | 03 | KSNCR1S | 00 | 1 | TQ2 | C1 | | 18A | DEVICE COMMAND SYN | |
| 35060 | | XA123 | 39 | | XA124 | 59 | | | | 168 | 9 | | KXODRA | 01 | KXODRA | 00 | 1 | TQ2 | C4 | | 19B | OFR RESET | |
| 34113 | | XA123 | 40 | | XA124 | 36 | | | | 168 | 9 | | KSNCR1R | 02 | KSNCR1S | 01 | 1 | TQ2 | C1 | | 19A | | |
| 34802 | | XA123 | 41 | | XA129 | 37 | | | | 168 | 9 | | KXST1Q | 01 | KXST1A | 01 | 1 | TQ2 | D3 | | 22B | | |
| 34102 | | XA123 | 42 | | XA114 | 59 | | | | 168 | 9 | | KSNCR0A | 01 | KSNCR1S | 01 | 2 | TQ2 | C1 | | 20A | | |
| 34397 | | XA123 | 43 | | XA127 | 43 | | | | 168 | 9 | | KXCP3B | 12 | KXST1A | 01 | 2 | TQ2 | D3 | | 23B | | |
| 33385 | | XA123 | 44 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 21B | | |
| 34799 | | XA123 | 45 | | XA128 | 42 | | | | 168 | 9 | | KXST1A | 01 | KXST1A | 00 | 1 | TQ2 | D3 | | 24B | | |
| 33580 | | XA123 | 46 | | XA115 | 75 | | | | 168 | 9 | | KAEN1A | 02 | KAEN1A | 00 | 1 | TQ2 | D2 | | 21A | | |
| 34067 | | XA123 | 47 | | XA116 | 77 | | | | 168 | 9 | | KPBZY0 | 02 | KBUSYA | 01 | 1 | TQ2 | D4 | | 25B | | |
| 33584 | | XA123 | 48 | | XA121 | 33 | | | | 168 | 9 | | KAEN1S | 01 | KAEN1A | 01 | 1 | TQ2 | D2 | | 22A | | |
| 35418 | | XA123 | 49 | | XA123 | 61 | | | | 168 | 9 | | SPIO151 | 20 | KBUSYA | 01 | 2 | TQ2 | D4 | | 26B | | |
| 34396 | | XA123 | 50 | | XA123 | 43 | | | | 168 | 9 | | KXCP3B | 11 | KAEN1A | 01 | 2 | TQ2 | D2 | | 23A | | |
| 33652 | | XA123 | 51 | | | | | | | | | | KBUSYA | 03 | KBUSYA | 00 | 1 | TQ2 | D4 | | 27B | HARDWARE BUSY WHEN | |
| 33851 | | XA123 | 52 | | XA122 | 03 | | | | 168 | 9 | | KIEN0S | 02 | KIEN0S | 00 | 1 | TQ2 | D1 | | 24A | INPUT COUNTER BIT | |
| 33618 | | XA123 | 53 | | | | | | | | | | KAIENR | 02 | KAIENS | 01 | 1 | TQ2 | E3 | | 28B | | |
| 33848 | | XA123 | 54 | | XA121 | 59 | | | | 168 | 9 | | KIENOR | 02 | KIEN0S | 01 | 1 | TQ2 | D1 | | 25A | | |
| 33635 | | XA123 | 55 | | XA125 | 76 | | | | 168 | 9 | | KAINOA | 01 | KAIENS | 01 | 2 | TQ2 | E3 | | 29B | | |
| 33843 | | XA123 | 56 | | | | | | | | | | KIENOA | 02 | KIEN0S | 01 | 2 | TQ2 | D1 | | 26A | | |
| 33626 | | XA123 | 57 | | XA125 | 55 | | | | 168 | 9 | | KAIENS | 08 | KAIENS | 00 | 1 | TQ2 | E3 | | 30B | AUTO INPUT MODE EN | |
| 33386 | | XA123 | 58 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 27A | | |
| CONNECTOR (XA123) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1058

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA123
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 44

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SPT INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|---------------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DI FC | PREFIX | CONNECTOR | PIN | DI FC | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 33839 | XA123 | 59 | | | | | | | | | | | KIENR0 | 02 | KIENRA | 01 | 1 | TQ2 | E4 | | 31B | | |
| 33885 | XA123 | 60 | | | XA124 | 53 | | | 16B | 9 | | | KIOUTS | 01 | KIOUTS | 00 | 1 | TQ2 | E2 | | 28A | PRINT INHIBIT E/F | |
| 35419 | XA123 | 61 | | | XA123 | 78 | | | 16B | 9 | | | SPIO151 | 21 | KIENRA | 01 | 2 | TQ2 | E4 | | 32B | | |
| 33884 | XA123 | 62 | | | XA126 | 61 | | | 16B | 9 | | | KIOUTR | 02 | KIOUTS | 01 | 1 | TQ2 | E2 | | 29A | | |
| 33837 | XA123 | 63 | | | XA126 | 59 | | | 16B | 9 | | | KIENRA | 03 | KIENRA | 00 | 1 | TQ2 | E4 | | 33B | RESET INPUT DATA | |
| 34098 | XA123 | 64 | | | XA122 | 51 | | | 16B | 9 | | | KIEN1A | 015 | KIOUTS | 01 | 2 | TQ2 | E2 | | 30A | | |
| 35011 | XA123 | 65 | | | XA124 | 80 | | | 16B | 9 | | | KXXDIR | 03 | KXXDIS | 01 | 1 | TQ2 | F3 | | 34B | | |
| 33981 | XA123 | 66 | | | | | | | | | | | KK0870 | 03 | KK0870 | 00 | 1 | TQ2 | E1 | | 31A | | |
| 33387 | XA123 | 67 | | | | | | | | | | | GND | 01 | | | | TQ2 | | | 40A | | |
| 33977 | XA123 | 68 | | | XA124 | 50 | | | 16B | 9 | | | KK087A | 01 | KK0870 | 01 | 1 | TQ2 | E1 | | 32A | | |
| 35015 | XA123 | 69 | | | | | | | | | | | KXXDIS | 03 | KXXDIS | 00 | 1 | TQ2 | F3 | | 35A | INTERRUPT WAIT FOR | |
| 35423 | XA123 | 70 | | | XA124 | 72 | | | 16B | 9 | | | SPIO151 | 25 | KK0870 | 01 | 2 | TQ2 | E1 | | 33A | | |
| 34472 | XA123 | 71 | | | | | | | | | | | KXDV1A | 02 | KXDV10 | 01 | 1 | TQ2 | F2 | | 36A | | |
| 34473 | XA123 | 72 | | | XA128 | 30 | | | 16B | 9 | | | KXDV10 | 01 | KXDV10 | 00 | 1 | TQ2 | F2 | | 34A | DEV COMMAND DATA | |
| 35422 | XA123 | 73 | | | XA123 | 70 | | | 16B | 9 | | | SPIO151 | 24 | KXDV10 | 01 | 2 | TQ2 | F2 | | 36B | | |
| 33877 | XA123 | 74 | | | XA115 | 79 | | | 16B | 9 | | | KINT2A | 03 | KXXDIS | 01 | 2 | TQ2 | F3 | | 35B | | |
| 35769 | XA123 | 75 | | | | | | | | | | | SPO | 01 | | 00 | 1 | TQ2 | F1 | | 37B | | |
| 34485 | XA123 | 76 | | | XA124 | 60 | | | 16B | 9 | | | KXEA0A | 02 | KXEA00 | 01 | 1 | TQ2 | F4 | | 37A | | |
| 35421 | XA123 | 77 | | | XA123 | 73 | | | 16B | 9 | | | SPIO151 | 23 | | 01 | 1 | TQ2 | F1 | | 38B | | |
| 35420 | XA123 | 78 | | | XA123 | 77 | | | 16B | 9 | | | SPIO151 | 22 | KXEA00 | 01 | 2 | TQ2 | F4 | | 38A | | |
| 35382 | XA123 | 79 | | | XA124 | 71 | | | 16B | 9 | | | SPIO141 | 21 | | 01 | 2 | TQ2 | F1 | | 39B | | |
| 34490 | XA123 | 80 | | | XA120 | 78 | | | 16B | 9 | | | KXEA00 | 03 | KXEA00 | 00 | 1 | TQ2 | F4 | | 39A | | |
| 34049 | XA124 | 01 | | | XA123 | 01 | | | 16B | 9 | | | KLPTBS | 01 | KLPTBR | 01 | 1 | TT3 | A2 | | 02B | | |
| 33388 | XA124 | 02 | | | | | | | | | | | GND | 01 | | | | TT3 | | | 01B | | |
| 34995 | XA124 | 03 | | | XA124 | 08 | | | 16B | 9 | | | KXXDDP | 02 | KLPTBR | 01 | 2 | TT3 | A2 | | 02A | | |
| 34059 | XA124 | 04 | | | XA123 | 08 | | | 16B | 9 | | | KLPT2R | 01 | KLPT2R | 00 | 1 | TT3 | A1 | | 04A | | |
| 34650 | XA124 | 05 | | | XA124 | 25 | | | 16B | 9 | | | KXRS0B | 23 | KLPTBR | 01 | 3 | TT3 | A2 | | 03B | | |
| 34062 | XA124 | 06 | | | XA127 | 65 | | | 16B | 9 | | | KLPT2S | 02 | KLPT2R | 01 | 1 | TT3 | A1 | | 05A | I/O INPUT REG ENAB | |
| 34047 | XA124 | 07 | | | XA125 | 20 | | | 16B | 9 | | | KLPTBR | 02 | KLPTBR | 00 | 1 | TT3 | A2 | | 03A | | |
| 34996 | XA124 | 08 | | | XA125 | 66 | | | 16B | 9 | | | KXXDDP | 03 | KLPT2R | 01 | 2 | TT3 | A1 | | 06A | | |
| 34109 | XA124 | 09 | | | | | | | | | | | KSNCO5 | 03 | KSNCOR | 01 | 1 | TT3 | A3 | | 04B | | |
| 34648 | XA124 | 10 | | | XA124 | 13 | | | 16B | 9 | | | KXRS0B | 21 | KLPT2R | 01 | 3 | TT3 | A1 | | 07A | | |
| 33868 | XA124 | 11 | | | XA124 | 23 | | | 16B | 9 | | | KINT1A | 01 | KSNCOR | 01 | 2 | TT3 | A3 | | 05B | | |
| 33063 | XA124 | 12 | | | | | | | | | | | +5V | 01 | | | | TT3 | | | | | |
| 34649 | XA124 | 13 | | | XA124 | 05 | | | 16B | 9 | | | KXRS0B | 22 | KSNCOR | 01 | 3 | TT3 | A3 | | 06B | | |
| 34093 | XA124 | 14 | | | XA122 | 17 | | | 16B | 9 | | | KPOUTO | 01 | KPDT8A | 01 | 1 | TT3 | B2 | | 09A | | |
| 34105 | XA124 | 15 | | | XA123 | 03 | | | 16B | 9 | | | KSNCOR | 02 | KSNCOR | 00 | 1 | TT3 | A3 | | 07B | | |
| 33389 | XA124 | 16 | | | | | | | | | | | GND | 01 | | | | TT3 | | | 21B | | |
| 33747 | XA124 | 17 | | | XA130 | 57 | | | 16B | 9 | | | KDOPBP | 01 | KPDT8A | 01 | 2 | TT3 | B2 | | 08B | | |
| 34033 | XA124 | 18 | | | XA121 | 25 | | | 16B | 9 | | | KK1280 | 01 | KPDT8A | 01 | 3 | TT3 | B2 | | 10A | | |
| 34071 | XA124 | 19 | | | XA120 | 17 | | | 16B | 9 | | | KPDT8A | 01 | KPDT8A | 00 | 1 | TT3 | B2 | | 09B | | |
| 33859 | XA124 | 20 | | | | | | | | | | | KIEN1R | 02 | KIEN1R | 00 | 1 | TT3 | B1 | | 11A | | |
| 33658 | XA124 | 21 | | | XA123 | 21 | | | 16B | 9 | | | KBUSYS | 02 | KBUSYR | 01 | 1 | TT3 | B3 | | 10B | | |
| 33860 | XA124 | 22 | | | XA123 | 22 | | | 16B | 9 | | | KIEN1S | 01 | KIEN1R | 01 | 1 | TT3 | B1 | | 12A | | |
| 33869 | XA124 | 23 | | | XA122 | 75 | | | 16B | 9 | | | KINT1A | 02 | KBUSYR | 01 | 2 | TT3 | B3 | | 11B | | |
| 33866 | XA124 | 24 | | | XA121 | 63 | | | 16B | 9 | | | KIEN3A | 01 | KIEN1R | 01 | 2 | TT3 | B1 | | 13A | | |
| 34651 | XA124 | 25 | | | XA124 | 26 | | | 16B | 9 | | | KXRS0B | 24 | KBUSYR | 01 | 3 | TT3 | B3 | | 12B | | |
| 34652 | XA124 | 26 | | | XA124 | 34 | | | 16B | 9 | | | KXRS0B | 25 | KIEN1R | 01 | 3 | TT3 | B1 | | 14A | | |
| CONNECTOR (XA124) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1059

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA124
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 45

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|------|--------|-----------|-----|------|-------------|------|-------|-------|--------|------------|----------|--------|--------|------------------|-------|---------------------|--------------------|--------------------|---------------------|
| | PREFIX | CONNECTOR | PIN | DATE | PREFIX | CONNECTOR | PIN | DATE | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 33655 | | XA124 | 27 | | | XA132 | 71 | | | 16B | 9 | | | KBUSYR +5V | 03 | KBUSYR | 00 | 1 | TT3 | B3 | | 13B | |
| 33064 | | XA124 | 28 | | | XA132 | 71 | | | 16B | 9 | | | KBUSYR | 01 | | | | TT3 | | | | |
| 34127 | | XA124 | 29 | | | XA123 | 30 | | | 16B | 9 | | | KSNC2S | 03 | KSNC2R | 01 | 1 | TT3 | C2 | | 14B | |
| 34131 | | XA124 | 30 | | | XA123 | 27 | | | 16B | 9 | | | KSNC3A | 01 | KSNC2R | 01 | 2 | TT3 | C2 | | 15A | |
| 34122 | | XA124 | 31 | | | XA123 | 34 | | | 16B | 9 | | | KSNC2R | 01 | KSNC2R | 00 | 1 | TT3 | C2 | | 15B | |
| 33390 | | XA124 | 32 | | | XA123 | 34 | | | 16B | 9 | | | GND | 01 | | | | TT3 | | | 27A | |
| 33710 | | XA124 | 33 | | | XA122 | 52 | | | 16B | 9 | | | KDEV2S | 01 | KDEV2A | 01 | 1 | TT3 | C3 | | 16B | |
| 34653 | | XA124 | 34 | | | XA124 | 42 | | | 16B | 9 | | | KXRS0B | 26 | KSNC2R | 01 | 3 | TT3 | C2 | | 16A | |
| 35034 | | XA124 | 35 | | | XA124 | 47 | | | 16B | 9 | | | KXXREP | 01 | KDEV2A | 01 | 2 | TT3 | C3 | | 17B | |
| 34114 | | XA124 | 36 | | | XA124 | 47 | | | 16B | 9 | | | KSNC1R | 03 | KSNC1R | 00 | 1 | TT3 | C1 | | 17A | |
| 34374 | | XA124 | 37 | | | XA123 | 25 | | | 16B | 9 | | | KXCP1B | 18 | KDEV2A | 01 | 3 | TT3 | C3 | | 18B | |
| 34116 | | XA124 | 38 | | | XA123 | 38 | | | 16B | 9 | | | KSNC1S | 02 | KSNC1R | 01 | 1 | TT3 | C1 | | 18A | |
| 33705 | | XA124 | 39 | | | XA122 | 50 | | | 16B | 9 | | | KDEV2A | 01 | KDEV2A | 00 | 1 | TT3 | C3 | | 19B | |
| 34111 | | XA124 | 40 | | | XA122 | 50 | | | 16B | 9 | | | KSNC1A | 02 | KSNC1R | 01 | 2 | TT3 | C1 | | 19A | |
| 33574 | | XA124 | 41 | | | XA125 | 45 | | | 16B | 9 | | | KAEN0R | 02 | KAEN0S | 01 | 1 | TT3 | D2 | | 22B | |
| 34654 | | XA124 | 42 | | | XA125 | 50 | | | 16B | 9 | | | KXRS0B | 27 | KSNC1R | 01 | 3 | TT3 | C1 | | 20A | |
| 33577 | | XA124 | 43 | | | XA125 | 43 | | | 16B | 9 | | | KAEN0S | 02 | KAEN0S | 00 | 1 | TT3 | D2 | | 23B | OUTPUT COUNTER BIT |
| 33391 | | XA124 | 44 | | | XA125 | 43 | | | 16B | 9 | | | GND | 01 | | | | TT3 | | | 40A | |
| 35033 | | XA124 | 45 | | | XA125 | 43 | | | 16B | 9 | | | KXXRC0 | 02 | KXXRCA | 01 | 1 | TT3 | D3 | | 24B | |
| 33570 | | XA124 | 46 | | | XA121 | 36 | | | 16B | 9 | | | KAEN0A | 01 | KAEN0S | 01 | 2 | TT3 | D2 | | 21A | |
| 35035 | | XA124 | 47 | | | XA118 | 59 | | | 16B | 9 | | | KXXREP | 02 | KXXRCA | 01 | 2 | TT3 | D3 | | 25B | |
| 33588 | | XA124 | 48 | | | XA118 | 59 | | | 16B | 9 | | | KAEN2A | 02 | KAEN0S | 01 | 3 | TT3 | D2 | | 22A | |
| 33691 | | XA124 | 49 | | | XA118 | 59 | | | 16B | 9 | | | KDEVIR | 03 | KXXRCA | 01 | 3 | TT3 | D3 | | 26B | |
| 33978 | | XA124 | 50 | | | XA118 | 59 | | | 16B | 9 | | | KK087A | 02 | KK087A | 00 | 1 | TT3 | D1 | | 23A | KK08 BITS STATE 7 |
| 35026 | | XA124 | 51 | | | XA117 | 63 | | | 16B | 9 | | | KXXRCA | 01 | KXXRCA | 00 | 1 | TT3 | D3 | | 27B | SET IOU REQUEST CO |
| 33963 | | XA124 | 52 | | | XA115 | 08 | | | 16B | 9 | | | KK08B3U | 02 | KK087A | 01 | 1 | TT3 | D1 | | 24A | |
| 33886 | | XA124 | 53 | | | XA119 | 53 | | | 16B | 9 | | | KIOUTS | 02 | KIOUTR | 01 | 1 | TT3 | E2 | | 28B | |
| 33960 | | XA124 | 54 | | | XA119 | 53 | | | 16B | 9 | | | KK08B2U | 02 | KK087A | 01 | 2 | TT3 | D1 | | 25A | |
| 33883 | | XA124 | 55 | | | XA123 | 62 | | | 16B | 9 | | | KIOUTR | 01 | KIOUTR | 00 | 1 | TT3 | F2 | | 29B | |
| 33957 | | XA124 | 56 | | | XA133 | 54 | | | 16B | 9 | | | KK08B1U | 02 | KK087A | 01 | 3 | TT3 | D1 | | 26A | |
| 33721 | | XA124 | 57 | | | XA133 | 54 | | | 16B | 9 | | | KDP7RA | 02 | KDRS00 | 01 | 1 | TT3 | E3 | | 30B | |
| 33392 | | XA124 | 58 | | | XA133 | 54 | | | 16B | 9 | | | GND | 01 | | | | TT3 | | | 40B | |
| 35061 | | XA124 | 59 | | | XA120 | 71 | | | 16B | 9 | | | KXODRA | 02 | KDRS00 | 01 | 2 | TT3 | E3 | | 31B | |
| 33880 | | XA124 | 60 | | | XA125 | 11 | | | 16B | 9 | | | KXFAQA | 025 | KIOUTR | 01 | 2 | TT3 | E2 | | 28A | |
| 34659 | | XA124 | 61 | | | XA120 | 56 | | | 16B | 9 | | | KXRS0B | 32 | KDRS00 | 01 | 3 | TT3 | E3 | | 32B | |
| 34658 | | XA124 | 62 | | | XA124 | 61 | | | 16B | 9 | | | KXRS0B | 31 | KIOUTR | 01 | 3 | TT3 | E2 | | 29A | |
| 33739 | | XA124 | 63 | | | XA127 | 71 | | | 16B | 9 | | | KDRS00 | 01 | KDRS00 | 00 | 1 | TT3 | E3 | | 33B | RESET DATA REGISTER |
| 33841 | | XA124 | 64 | | | XA127 | 71 | | | 16B | 9 | | | KIENSA | 02 | KIENSA | 00 | 1 | TT3 | F1 | | 30A | START MAIN TIME CO |
| 35232 | | XA124 | 65 | | | XA125 | 72 | | | 16B | 9 | | | SPI0031 | 26 | | 01 | 1 | TT3 | F2 | | 34B | |
| 33629 | | XA124 | 66 | | | XA131 | 71 | | | 16B | 9 | | | KAIENS | 11 | KIENSA | 01 | 1 | TT3 | F1 | | 31A | |
| 33393 | | XA124 | 67 | | | XA131 | 71 | | | 16B | 9 | | | GND | 01 | | | | TT3 | | | | |
| 33844 | | XA124 | 68 | | | XA118 | 62 | | | 16B | 9 | | | KIEN0Q | 01 | KIENSA | 01 | 2 | TT3 | F1 | | 32A | |
| 35014 | | XA124 | 69 | | | XA123 | 69 | | | 16B | 9 | | | KXXDIS | 02 | KXXDIR | 01 | 1 | TT3 | F3 | | 35A | |
| 33857 | | XA124 | 70 | | | XA123 | 69 | | | 16B | 9 | | | KIEN1P | 02 | KIENSA | 01 | 3 | TT3 | F1 | | 33A | |
| 35383 | | XA124 | 71 | | | XA125 | 73 | | | 16B | 9 | | | SPI0141 | 22 | | 01 | 2 | TT3 | F2 | | 36A | |
| 35424 | | XA124 | 72 | | | XA125 | 74 | | | 16B | 9 | | | SPI0151 | 26 | | 01 | 3 | TT3 | F2 | | 34A | |
| 33631 | | XA124 | 73 | | | XA125 | 60 | | | 16B | 9 | | | KAIERA | 01 | KAIERA | 00 | 1 | TT3 | F1 | | 36B | RESET AUTO INPUT |
| 36770 | | XA124 | 74 | | | XA125 | 60 | | | 16B | 9 | | | SPO | 01 | | 00 | 1 | TT3 | F2 | | 35B | |
| 33673 | | XA124 | 75 | | | XA125 | 75 | | | 16B | 9 | | | KDAINQ | 07 | KAIERA | 01 | 1 | TT3 | F1 | | 37B | |
| 34554 | | XA124 | 76 | | | XA137 | 66 | | | 16B | 9 | | | KXINHR | 01 | KXXDIR | 01 | 2 | TT3 | F3 | | 37A | |
| CONNECTOR (XA124) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1060

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA124
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC5 FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 46

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|--------------------------------|--------|-----------|-----|-------------|------|-------|--------|---------|----------|--------|--------|------------------|-------|---------------------|--------------------|--------------------|------------------------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 34498 | | XA124 | 77 | | XA127 | 41 | | 16B | 9 | | KXEB10 | 01 | KATERA | 01 | 2 | TT3 | F1 | | 38B | |
| 35005 | | XA124 | 78 | | XA125 | 68 | | 16B | 9 | | KXXDIP | 03 | KXXDIR | 01 | 3 | TT3 | F3 | | 38A | |
| 34390 | | XA124 | 79 | | XA122 | 64 | | 16B | 9 | | KXCP3B | 05 | KATERA | 01 | 3 | TT3 | F1 | | 39B | |
| 35012 | | XA124 | 80 | | | | | | | | KXXDIR | 04 | KXXDIR | 00 | 1 | TT3 | F3 | | 39A | |
| 33755 | | XA125 | 01 | | XA120 | 06 | | 16B | 9 | | KDOUTQ | 03 | KXDPEA | 01 | 1 | TD4 | A2 | | 02B | |
| 33394 | | XA125 | 02 | | | | | | | | GND | 01 | | | | TD4 | | | 01A | |
| 33168 | | XA125 | 03 | | | | | | | | DNW | 01 | | | | TD4 | | | | |
| 34508 | | XA125 | 04 | | XA125 | 24 | | 16B | 9 | | KXENAS | 01 | KXDPEA | 01 | 2 | TD4 | A2 | | 04A | |
| 34712 | | XA125 | 05 | | | | | | | | KXR0PPR | 04 | KXDPEA | 01 | 3 | TD4 | A2 | | 03B | |
| 34753 | | XA125 | 06 | | XA133 | 21 | | 16B | 9 | | KXR4CS | 01 | KXEAOA | 01 | 1 | TD4 | A1 | | 05A | |
| 34888 | | XA125 | 07 | | XA125 | 26 | | 16B | 9 | | KXXA50 | 01 | KXDPEA | 01 | 4 | TD4 | A2 | | 03A | |
| 34604 | | XA125 | 08 | | | | | | | | KXRENS | 03 | KXEAOA | 01 | 2 | TD4 | A1 | | 06A | |
| 34454 | | XA125 | 09 | | XA122 | 71 | | 16B | 9 | | KXDPEA | 01 | KXDPEA | 00 | 1 | TD4 | A2 | | 04B | AUTO OUTPUT COMND |
| 35055 | | XA125 | 10 | | XA138 | 72 | | 16B | 9 | | KXX050 | 01 | KXEAOA | 01 | 3 | TD4 | A1 | | 07A | |
| 34486 | | XA125 | 11 | | XA135 | 19 | | 16B | 9 | | KXEAOA | 03 | KXEAOA | 00 | 1 | TD4 | A1 | | 05B | SET ENABLE ADDRESS |
| 33065 | | XA125 | 12 | | | | | | | | +5V | 01 | | | | TD4 | | | | |
| 34705 | | XA125 | 13 | | XA131 | 37 | | 16B | 9 | | KXROPA | 03 | KXEAOA | 01 | 4 | TD4 | A1 | | 06B | |
| 34104 | | XA125 | 14 | | XA124 | 15 | | 16B | 9 | | KSNCOR | 01 | KPBZY0 | 01 | 1 | TD4 | B2 | | 09A | |
| 33169 | | XA125 | 15 | | | | | | | | DNW | 01 | | | | TD4 | | | | |
| 33395 | | XA125 | 16 | | | | | | | | GND | 01 | | | | TD4 | | | 20B | |
| 33170 | | XA125 | 17 | | | | | | | | DNW | 01 | | | | TD4 | | | | |
| 33875 | | XA125 | 18 | | XA122 | 14 | | 16B | 9 | | KINT2A | 01 | KPBZY0 | 01 | 2 | TD4 | B2 | | 10A | |
| 35009 | | XA125 | 19 | | XA121 | 55 | | 16B | 9 | | KXXDIR | 01 | KPBZY0 | 01 | 3 | TD4 | B2 | | 09B | |
| 34048 | | XA125 | 20 | | | | | | | | KLPTBR | 03 | KPBZY0 | 01 | 4 | TD4 | B2 | | 11A | |
| 34066 | | XA125 | 21 | | XA123 | 47 | | 16B | 9 | | KPBZY0 | 01 | KPBZY0 | 00 | 1 | TD4 | B2 | | 10B | TTY HARDWARE BUSY |
| 33754 | | XA125 | 22 | | XA125 | 01 | | 16B | 9 | | KDOUTQ | 02 | KXED0A | 01 | 1 | TD4 | B1 | | 12A | |
| 34505 | | XA125 | 23 | | | | | | | | KXED0A | 04 | KXED0A | 00 | 1 | TD4 | B1 | | 11B | AUTO OUTPUT DATA |
| 34509 | | XA125 | 24 | | XA135 | 21 | | 16B | 9 | | KXENAS | 02 | KXED0A | 01 | 2 | TD4 | B1 | | 13A | |
| 34927 | | XA125 | 25 | | XA131 | 04 | | 16B | 9 | | KXXB10 | 02 | KXED0A | 01 | 3 | TD4 | B1 | | 12B | |
| 34889 | | XA125 | 26 | | XA132 | 37 | | 16B | 9 | | KXXA50 | 02 | KXED0A | 01 | 4 | TD4 | B1 | | 14A | |
| 33171 | | XA125 | 27 | | | | | | | | DNW | 01 | | | | TD4 | | | | |
| 33066 | | XA125 | 28 | | | | | | | | +5V | 01 | | | | TD4 | | | | |
| 33172 | | XA125 | 29 | | | | | | | | DNW | 01 | | | | TD4 | | | | |
| 34346 | | XA125 | 30 | | | | | | | | KXCA10 | 07 | KXOR0A | 01 | 1 | TD4 | C2 | | 15A | |
| 34440 | | XA125 | 31 | | XA126 | 24 | | 16B | 9 | | KXDEVA | 01 | KXOR0A | 01 | 2 | TD4 | C2 | | 15B | |
| 33396 | | XA125 | 32 | | | | | | | | GND | 01 | | | | TD4 | | | 21B | |
| 35082 | | XA125 | 33 | | | | | | | | KXOR0A | 02 | KXOR0A | 00 | 1 | TD4 | C2 | | 16B | COMMAND IS OFR |
| 35077 | | XA125 | 34 | | | | | | | | KXOFRO | 02 | KXOR0A | 01 | 3 | TD4 | C2 | | 16A | |
| 34469 | | XA125 | 35 | | | | | | | | KXDVOA | 02 | KXDVOA | 00 | 1 | TD4 | C1 | | 17B | SET DEVICE COMMAND A03 |
| 33650 | | XA125 | 36 | | XA125 | 42 | | 16B | 9 | | KBUSYA | 01 | KXOR0A | 01 | 4 | TD4 | C2 | | 17A | |
| 34345 | | XA125 | 37 | | XA125 | 30 | | 16B | 9 | | KXCA10 | 06 | KXDVOA | 01 | 1 | TD4 | C1 | | 18B | |
| 34451 | | XA125 | 38 | | XA126 | 22 | | 16B | 9 | | KXDEVO | 01 | KXDVOA | 01 | 2 | TD4 | C1 | | 18A | |
| 33173 | | XA125 | 39 | | | | | | | | DNW | 01 | | | | TD4 | | | | |
| 34461 | | XA125 | 40 | | | | | | | | KXDVC0 | 03 | KXDVOA | 01 | 3 | TD4 | C1 | | 19A | |
| 33174 | | XA125 | 41 | | | | | | | | DNW | 01 | | | | TD4 | | | | |
| 33651 | | XA125 | 42 | | XA123 | 51 | | 16B | 9 | | KBUSYA | 02 | KXDVOA | 01 | 4 | TD4 | C1 | | 20A | |
| 33578 | | XA125 | 43 | | | | | | | | KAENG5 | 03 | KAENOR | 01 | 1 | TD4 | D2 | | 23B | |
| 33397 | | XA125 | 44 | | | | | | | | GND | 01 | | | | TD4 | | | 27A | |
| CONNECTOR | | XA125 | CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | |

H78-14 1061

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA125
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 47

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|----------------------------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|-------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DR PC | PREFIX | CONNECTOR | PIN | DR PC | MULTI GROUP | CODE | COLOP | | | | | | | | | IDENT | AND | | |
| 33575 | | XA125 | 45 | | | | | | | | | KAENOR | 03 | KAENOR | 00 | 1 | TD4 | D2 | | 24B | | | |
| 33640 | | XA125 | 46 | | XA121 | 30 | | | 16B | 9 | | KAENS | 01 | KAENOR | 01 | 2 | TD4 | D2 | | 21A | | | |
| 33847 | | XA125 | 47 | | XA123 | 54 | | | 16B | 9 | | KIENOR | 01 | KIENOR | 00 | 1 | TD4 | D1 | | 25B | | | |
| 33579 | | XA125 | 48 | | XA123 | 46 | | | 16B | 9 | | KAENIA | 01 | KAENOR | 01 | 3 | TD4 | D2 | | 22A | | | |
| 33850 | | XA125 | 49 | | XA123 | 52 | | | 16B | 9 | | KIENOS | 01 | KIENOR | 01 | 1 | TD4 | D1 | | 26B | | | |
| 34655 | | XA125 | 50 | | XA125 | 56 | | | 16B | 9 | | KXRSOB | 28 | KAENOR | 01 | 4 | TD4 | D2 | | 23A | | | |
| 33175 | | XA125 | 51 | | | | | | | | | DNW | 01 | | | | | | | | | | |
| 33853 | | XA125 | 52 | | XA123 | 64 | | | 16B | 9 | | KIENIA | 01 | KIENOR | 01 | 2 | TD4 | D1 | | 24A | | | |
| 33176 | | XA125 | 53 | | | | | | | | | DNW | 01 | | | | | | | | | | |
| 33628 | | XA125 | 54 | | XA124 | 66 | | | 16B | 9 | | KAIENS | 10 | KIENOR | 01 | 3 | TD4 | D1 | | 25A | | | |
| 33627 | | XA125 | 55 | | XA125 | 54 | | | 16B | 9 | | KAIENS | 09 | KAIENR | 01 | 1 | TD4 | E2 | | 29B | | | |
| 34656 | | XA125 | 56 | | XA125 | 64 | | | 16B | 9 | | KXRSOB | 29 | KIENOR | 01 | 4 | TD4 | D1 | | 26A | | | |
| 33617 | | XA125 | 57 | | XA123 | 53 | | | 16B | 9 | | KAIENR | 01 | KAIENR | 00 | 1 | TD4 | E2 | | 30B | | | |
| 33398 | | XA125 | 58 | | | | | | | | | GND | 01 | | | | | | | 40A | | | |
| 34965 | | XA125 | 59 | | XA118 | 75 | | | 16B | 9 | | KXXCRO | 05 | KXXCRO | 00 | 1 | TD4 | E1 | | 31B | IOU INPUT STROBE | | |
| 33632 | | XA125 | 60 | | XA118 | 39 | | | 16B | 9 | | KAIERA | 02 | KAIENR | 01 | 2 | TD4 | E2 | | 28A | | | |
| 34954 | | XA125 | 61 | | | | | | | | | KXXCIP | 03 | KXXCRO | 01 | 1 | TD4 | E1 | | 32B | | | |
| 33823 | | XA125 | 62 | | | | | | | | | KETXIA | 04 | KAIENR | 01 | 3 | TD4 | E2 | | 29A | | | |
| 33177 | | XA125 | 63 | | | | | | | | | DNW | 01 | | | | | | | | | | |
| 34657 | | XA125 | 64 | | XA124 | 62 | | | 16B | 9 | | KXRSOB | 30 | KAIENR | 01 | 4 | TD4 | E2 | | 30A | | | |
| 33178 | | XA125 | 65 | | | | | | | | | DNW | 01 | | | | | | | | | | |
| 34997 | | XA125 | 66 | | XA117 | 76 | | | 16B | 9 | | KXXDDP | 04 | KXXCRO | 01 | 2 | TD4 | E1 | | 31A | | | |
| 33399 | | XA125 | 67 | | | | | | | | | GND | 01 | | | | | | | 40B | | | |
| 35006 | | XA125 | 68 | | XA132 | 59 | | | 16B | 9 | | KXXDIP | 04 | KXXCRO | 01 | 3 | TD4 | E1 | | 32A | | | |
| 36771 | | XA125 | 69 | | | | | | | | | SPO | 01 | | 00 | 1 | TD4 | F2 | | 35A | | | |
| 35023 | | XA125 | 70 | | XA132 | 61 | | | 16B | 9 | | KXXDSP | 03 | KXXCRO | 01 | 4 | TD4 | E1 | | 33A | | | |
| 35249 | | XA125 | 71 | | XA113 | 79 | | | 16B | 9 | | SPI0041 | 11 | | 01 | 1 | TD4 | F2 | | 36A | | | |
| 35233 | | XA125 | 72 | | XA129 | 36 | | | 16B | 9 | | SPI0031 | 27 | | 01 | 2 | TD4 | F2 | | 34A | | A03 | |
| 35384 | | XA125 | 73 | | XA126 | 77 | | | 16B | 9 | | SPI0141 | 23 | | 01 | 3 | TD4 | F2 | | 36B | | | |
| 35425 | | XA125 | 74 | | XA126 | 73 | | | 16B | 9 | | SPI0151 | 27 | | 01 | 4 | TD4 | F2 | | 35B | | | |
| 33674 | | XA125 | 75 | | XA130 | 37 | | | 16B | 9 | | KDAINQ | 08 | KAINQA | 01 | 1 | TD4 | F1 | | 37B | | | |
| 33636 | | XA125 | 76 | | | | | | | | | KAINQA | 02 | KAINQA | 00 | 1 | TD4 | F1 | | 37A | START INPUT COMMAN | | |
| 34126 | | XA125 | 77 | | XA124 | 29 | | | 16B | 9 | | KSNC2S | 02 | KAINQA | 01 | 2 | TD4 | F1 | | 38B | | | |
| 33657 | | XA125 | 78 | | XA124 | 21 | | | 16B | 9 | | KBUSYS | 01 | KAINQA | 01 | 3 | TD4 | F1 | | 38A | | | |
| 34389 | | XA125 | 79 | | XA124 | 79 | | | 16B | 9 | | KXCP3B | 04 | KAINQA | 01 | 4 | TD4 | F1 | | 39B | | | |
| 33179 | | XA125 | 80 | | | | | | | | | DNW | 01 | | | | | | | | | | |
| 34400 | | XA126 | 01 | | XA126 | 15 | | | 16B | 9 | P | KXCP30 | 15 | KXCP3B | 01 | 1 | TQ2 | A2 | | 02B | CLOCK PHASE 3 BUS | | |
| 34415 | | XA126 | 01 | | | | | | | | J | KXCP30 | 01 | KXCP30 | 00 | 1 | TQ2 | A2 | | 02B | KXCP3B BUSS | | |
| 33400 | | XA126 | 02 | | | | | | | | | GND | 01 | | | | | | | 01A | | | |
| 34384 | | XA126 | 03 | | XA126 | 04 | | | 16B | 9 | | KXCP3A | 03 | KXCP40 | 01 | 1 | TQ2 | A3 | | 02A | | | |
| 34385 | | XA126 | 04 | | | | | | | | | KXCP3A | 04 | KXCP30 | 01 | 1 | TQ2 | A2 | | 04A | | | |
| 35402 | | XA126 | 05 | | XA127 | 05 | | | 16B | 9 | | SPI0151 | 04 | KXCP30 | 01 | 2 | TQ2 | A2 | | 03B | | | |
| 34613 | | XA126 | 06 | | XA138 | 31 | | | 16B | 9 | | KXRRSA | 01 | KXRRSA | 00 | 1 | TQ2 | A1 | | 05A | RESET I/O INPUT RE | | |
| 35401 | | XA126 | 07 | | XA126 | 05 | | | 16B | 9 | | SPI0151 | 03 | KXCP40 | 01 | 2 | TQ2 | A3 | | 03A | | | |
| 34626 | | XA126 | 08 | | | | | | | | | KXRRS0 | 02 | KXRRSA | 01 | 1 | TQ2 | A1 | | 06A | | | |
| 34402 | | XA126 | 09 | | XA120 | 10 | | | 16B | 9 | P | KXCP40 | 17 | KXCP3B | 01 | 2 | TQ2 | A3 | | 04B | CLOCK PHASE 3 BUS | | |
| 34416 | | XA126 | 09 | | | | | | | | J | KXCP40 | 01 | KXCP40 | 00 | 1 | TQ2 | A3 | | 04B | KXCP3B BUSS | | |
| 35400 | | XA126 | 10 | | XA126 | 07 | | | 16B | 9 | | SPI0151 | 02 | KXRRSA | 01 | 2 | TQ2 | A1 | | 07A | | | |
| CONNECTOR | XA126 | CONTINUED ON THE NEXT PAGE | | | | | | | | | | **** | | | | | | | | | | | |

H78-14 1062

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA126
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 48

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|-----------------------------------|--------|
| | PREFIX | CONNECTOR | PIN | DRILL | PREFIX | CONNECTOR | PIN | DRILL | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 34383 | | XA126 | 11 | | | | | | | | | | KXCP3A | 02 | KXCP50 | 01 | 1 | TQ2 | A4 | | 05B | | |
| 33067 | | XA126 | 12 | | | XA126 | 03 | | | 16B | 9 | | +5V | 01 | | | | TQ2 | | | | | |
| 35406 | | XA126 | 13 | | | XA126 | 19 | | | 16B | 9 | | SPIO151 | 08 | KXCP50 | 01 | 2 | TQ2 | A4 | | 06B | | |
| 34142 | | XA126 | 14 | | | XA127 | 17 | | | 16B | 9 | | KSYN10 | 01 | KSYN10 | 00 | 1 | TQ2 | B2 | | 09A | | |
| 34401 | | XA126 | 15 | | | XA126 | 09 | | | 16B | 9 | | KXCP50 | 16 | KXCP3B | 01 | 3 | TQ2 | A4 | | 07B | CLOCK PHASE 3 BUS KXCP3B BUSS | |
| 34417 | | XA126 | 15 | | | | | | | | | J | KXCP50 | 01 | KXCP50 | 00 | 1 | TQ2 | A4 | | 07B | | |
| 33401 | | XA126 | 16 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01B | | |
| 34582 | | XA126 | 17 | | | XA126 | 18 | | | 16B | 9 | | KXRAF5T | 01 | KDAINO | 01 | 1 | TQ2 | B3 | | 08B | | |
| 34583 | | XA126 | 18 | | | XA134 | 07 | | | 16B | 9 | | KXRAF5T | 02 | KSYN10 | 01 | 1 | TQ2 | B2 | | 10A | | |
| 35407 | | XA126 | 19 | | | XA127 | 26 | | | 16B | 9 | | SPIO151 | 09 | KDAINO | 01 | 2 | TQ2 | B3 | | 09B | A05 | |
| 34588 | | XA126 | 20 | | | XA134 | 11 | | | 16B | 9 | | KXRAF7T | 02 | KSYN10 | 01 | 2 | TQ2 | B2 | | 11A | | |
| 33677 | | XA126 | 21 | | | | | | | | | | KDAINO | 02 | KDAINO | 00 | 1 | TQ2 | B3 | | 10B | | |
| 34452 | | XA126 | 22 | | | XA132 | 11 | | | 16B | 9 | | KXDEVO | 02 | KXDEVO | 00 | 1 | TQ2 | B1 | | 12A | | |
| 34587 | | XA126 | 23 | | | XA126 | 20 | | | 16B | 9 | | KXRAF7T | 01 | KDOUTO | 01 | 1 | TQ2 | B4 | | 11B | | |
| 34441 | | XA126 | 24 | | | XA127 | 38 | | | 16B | 9 | | KXDEVA | 02 | KXDEVO | 01 | 1 | TQ2 | B1 | | 13A | | |
| 35411 | | XA126 | 25 | | | XA126 | 31 | | | 16B | 9 | | SPIO151 | 13 | KDOUTO | 01 | 2 | TQ2 | B4 | | 12B | | |
| 35410 | | XA126 | 26 | | | XA126 | 25 | | | 16B | 9 | | SPIO151 | 12 | KXDEVO | 01 | 2 | TQ2 | B1 | | 14A | | |
| 33762 | | XA126 | 27 | | | | | | | | | | KDOUTO | 02 | KDOUTO | 00 | 1 | TQ2 | B4 | | 13B | | |
| 33068 | | XA126 | 28 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 34682 | | XA126 | 29 | | | XA138 | 27 | | | 16B | 9 | | KXRS00 | 03 | KXRS5A | 01 | 1 | TQ2 | C3 | | 14B | | |
| 34690 | | XA126 | 30 | | | | | | | | | | KXRS4A | 03 | KXRS1B | 01 | 2 | TQ2 | C2 | | 15A | MASTER RESET BUS 1 KXRS1B BUSS | |
| 34693 | | XA126 | 30 | | | | | | | | | J | KXRS4A | 01 | KXRS4A | 00 | 1 | TQ2 | C2 | | 15A | | |
| 35412 | | XA126 | 31 | | | XA126 | 42 | | | 16B | 9 | | SPIO151 | 14 | KXRS5A | 01 | 2 | TQ2 | C3 | | 15B | | |
| 33402 | | XA126 | 32 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 20B | | |
| 34688 | | XA126 | 33 | | | XA126 | 38 | | | 16B | 9 | | KXRS5A | 01 | KXRS1B | 01 | 3 | TQ2 | C3 | | 16B | MASTER RESET BUS 1 KXRS1B BUSS | |
| 34694 | | XA126 | 33 | | | | | | | | | J | KXRS5A | 01 | KXRS5A | 00 | 1 | TQ2 | C3 | | 16B | | |
| 34681 | | XA126 | 34 | | | XA126 | 29 | | | 16B | 9 | | KXRS00 | 02 | KXRS4A | 01 | 1 | TQ2 | C2 | | 16A | | |
| 34719 | | XA126 | 35 | | | XA133 | 33 | | | 16B | 9 | | KXR094T | 01 | KXIRCO | 01 | 1 | TQ2 | C4 | | 17B | | |
| 35414 | | XA126 | 36 | | | XA126 | 37 | | | 16B | 9 | | SPIO151 | 16 | KXRS4A | 01 | 2 | TQ2 | C2 | | 17A | | |
| 35415 | | XA126 | 37 | | | XA126 | 43 | | | 16B | 9 | | SPIO151 | 17 | KXIRCO | 01 | 2 | TQ2 | C4 | | 18B | | |
| 34689 | | XA126 | 38 | | | XA126 | 30 | | | 16B | 9 | | KXRS3A | 02 | KXRS1B | 01 | 1 | TQ2 | C1 | | 18A | MASTER RESET BUS 1 KXRS1B BUSS | |
| 34692 | | XA126 | 38 | | | | | | | | | J | KXRS3A | 01 | KXRS3A | 00 | 1 | TQ2 | C1 | | 18A | | |
| 34565 | | XA126 | 39 | | | XA132 | 23 | | | 16B | 9 | | KXIRCO | 01 | KXIRCO | 00 | 1 | TQ2 | C4 | | 19B | | |
| 34680 | | XA126 | 40 | | | XA126 | 34 | | | 16B | 9 | | KXRS00 | 01 | KXRS3A | 01 | 1 | TQ2 | C1 | | 19A | | |
| 34807 | | XA126 | 41 | | | | | | | | | | KXST20 | 02 | KXST2A | 01 | 1 | TQ2 | D3 | | 22B | | |
| 35413 | | XA126 | 42 | | | XA126 | 36 | | | 16B | 9 | | SPIO151 | 15 | KXRS3A | 01 | 2 | TQ2 | C1 | | 20A | | |
| 35416 | | XA126 | 43 | | | XA126 | 49 | | | 16B | 9 | | SPIO151 | 18 | KXST2A | 01 | 2 | TQ2 | D3 | | 23B | | |
| 33403 | | XA126 | 44 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 21B | | |
| 34804 | | XA126 | 45 | | | XA128 | 39 | | | 16B | 9 | | KXST2A | 01 | KXST2A | 00 | 1 | TQ2 | D3 | | 24B | | |
| 34121 | | XA126 | 46 | | | | | | | | | | KSNC2A | 03 | KSNC2A | 00 | 1 | TQ2 | D2 | | 21A | | |
| 35387 | | XA126 | 47 | | | XA132 | 60 | | | 16B | 9 | | SPIO141 | 26 | KXGN3A | 01 | 1 | TQ2 | D4 | | 25B | A03 | |
| 34115 | | XA126 | 48 | | | XA124 | 38 | | | 16B | 9 | | KSNC1S | 01 | KSNC2A | 01 | 1 | TQ2 | D2 | | 22A | | |
| 35417 | | XA126 | 49 | | | XA123 | 49 | | | 16B | 9 | | SPIO151 | 19 | KXGN3A | 01 | 2 | TQ2 | D4 | | 26B | | |
| 34367 | | XA126 | 50 | | | XA121 | 61 | | | 16B | 9 | | KXCP1B | 11 | KSNC2A | 01 | 2 | TQ2 | D2 | | 23A | | |
| 34541 | | XA126 | 51 | | | XA129 | 54 | | | 16B | 9 | | KXGN3A | 06 | KXGN3A | 00 | 1 | TQ2 | D4 | | 27B | | |
| 34551 | | XA126 | 52 | | | | | | | | | | KXHST0 | 02 | KXHST0 | 00 | 1 | TQ2 | D1 | | 24A | | |
| 34504 | | XA126 | 53 | | | XA125 | 23 | | | 16B | 9 | | KXED0A | 03 | KDCP10 | 01 | 1 | TQ2 | E3 | | 28B | | |
| 34716 | | XA126 | 54 | | | | | | | | | | KXR091T | 02 | KXHST0 | 01 | 1 | TQ2 | D1 | | 25A | | |
| 35066 | | XA126 | 55 | | | XA126 | 64 | | | 16B | 9 | | KX0D0A | 04 | KDCP10 | 01 | 2 | TQ2 | E3 | | 29B | | |
| 35431 | | XA126 | 56 | | | XA144 | 65 | | | 16B | 9 | | SPIO151 | 33 | KXHST0 | 01 | 2 | TQ2 | D1 | | 26A | | |
| CONNECTOR XA126 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1063

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA126
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 49

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO | |
|---|--------|-----------|-----|--------|-----------|-----|------|-------------|------|-------|--------|---------|----------|--------|------|------------------|-------|---------------------|--------------------|--------------------|--------------------|-------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | U/I | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | IDENT |
| 33688 | | XA126 | 57 | | | | | | | | | KDCP10 | 05 | KDCP10 | 00 | 1 | TQ2 | E3 | | 30B | DATA REGISTER CLOC | |
| 33404 | | XA126 | 58 | | | | | | | | | GND | 01 | | | | TQ2 | | | 27A | | |
| 35430 | | XA126 | 59 | | | | | | | | | KIENRA | 04 | KOUTOA | 01 | 1 | TQ2 | E4 | | 31B | | |
| 33678 | | XA126 | 60 | | XA129 | 60 | | | 16B | 9 | | KDCP00 | 01 | KDCP00 | 00 | 1 | TQ2 | E2 | | 28A | DATA REGISTER CLOC | |
| 35386 | | XA126 | 61 | | | | | | | | | KIOUTR | 03 | KOUTOA | 01 | 2 | TQ2 | E4 | | 32B | | |
| 34503 | | XA126 | 62 | | XA126 | 53 | | | 16B | 9 | | KXED0A | 02 | KDCP00 | 01 | 1 | TQ2 | F2 | | 29A | | |
| 36772 | | XA126 | 63 | | | | | | | | | KOUTOA | 02 | KOUTOA | 00 | 1 | TQ2 | E4 | | 33B | SEND KEYBOARD DATA | |
| 35067 | | XA126 | 64 | | XA132 | 51 | | | 16B | 9 | | KXOD0A | 05 | KDCP00 | 01 | 2 | TQ2 | E2 | | 30A | | |
| 35013 | | XA126 | 65 | | XA124 | 69 | | | 16B | 9 | | KXXDTS | 01 | KXXDIA | 01 | 1 | TQ2 | F3 | | 34B | | |
| 35096 | | XA126 | 66 | | XA127 | 59 | | | 16B | 9 | | K16MHA | 01 | K16MHA | 00 | 1 | TQ2 | F1 | | 31A | 16 MHZ RECEIVER | |
| 33405 | | XA126 | 67 | | | | | | | | | GND | 01 | | | | TQ2 | | | 40A | | |
| 36921 | | XA126 | 68 | | XA201 | 35 | | | 16B | 9 | | T16MHA | 002 | K16MHA | 01 | 1 | TQ2 | F1 | | 32A | | |
| 35001 | | XA126 | 69 | | XA118 | 65 | | | 16B | 9 | | KXXDIA | 01 | KXXDIA | 00 | 1 | TQ2 | F3 | | 35A | | |
| 35427 | | XA126 | 70 | | XA126 | 78 | | | 16B | 9 | | SPIO151 | 29 | K16MHA | 01 | 2 | TQ2 | F1 | | 33A | | |
| 34959 | | XA126 | 71 | | XA115 | 69 | | | 16B | 9 | | KXXC10 | 01 | KXXCIA | 01 | 1 | TQ2 | F2 | | 36A | | |
| 34950 | | XA126 | 72 | | XA129 | 51 | | | 16B | 9 | | KXXC1A | 01 | KXXCIA | 00 | 1 | TQ2 | F2 | | 34A | | |
| 35426 | | XA126 | 73 | | XA126 | 70 | | | 16B | 9 | | SPIO151 | 28 | KXXCIA | 01 | 2 | TQ2 | F2 | | 36B | | |
| 34489 | | XA126 | 74 | | XA123 | 80 | | | 16B | 9 | | KXEA00 | 02 | KXXDIA | 01 | 2 | TQ2 | F3 | | 35B | | |
| 36773 | | XA126 | 75 | | | | | | | | | SPO | 01 | | | | TQ2 | F1 | | 37B | | |
| 35000 | | XA126 | 76 | | | | | | | | | KXXDD0 | 02 | KXXDDA | 01 | 1 | TQ2 | F4 | | 37A | | |
| 35385 | | XA126 | 77 | | XA126 | 47 | | | 16B | 9 | | SPIO141 | 24 | | | | TQ2 | F1 | | 38B | | |
| 35428 | | XA126 | 78 | | XA126 | 79 | | | 16B | 9 | | SPIO151 | 30 | KXXDDA | 01 | 2 | TQ2 | F4 | | 38A | | |
| 35429 | | XA126 | 79 | | XA126 | 56 | | | 16B | 9 | | SPIO151 | 31 | | | | TQ2 | F1 | | 39B | | |
| 34993 | | XA126 | 80 | | | | | | | | | KXXRDA | 02 | KXXDDA | 00 | 1 | TQ2 | F4 | | 39A | | |
| 34352 | | XA127 | 01 | | | | | | | | J | KXCP00 | 01 | KXCP00 | 00 | 1 | TQ2 | A2 | | 02B | KXCP1B BUSS | |
| 34357 | | XA127 | 01 | | XA127 | 09 | | | 16B | 9 | P | KXCP00 | 01 | KXCP1B | 01 | 3 | TQ2 | A2 | | 02B | CLOCK PHASE 1 BUS | |
| 33406 | | XA127 | 02 | | | | | | | | | GND | 01 | | | | TQ2 | | | 01A | | |
| 34354 | | XA127 | 03 | | XA127 | 11 | | | 16B | 9 | | KXCP1A | 02 | KXCP10 | 01 | 1 | TQ2 | A3 | | 02A | | |
| 34353 | | XA127 | 04 | | XA127 | 03 | | | 16B | 9 | | KXCP1A | 01 | KXCP00 | 01 | 1 | TQ2 | A2 | | 04A | | |
| 35403 | | XA127 | 05 | | XA127 | 07 | | | 16B | 9 | | SPIO151 | 05 | KXCP00 | 01 | 2 | TQ2 | A2 | | 03B | | |
| 34625 | | XA127 | 06 | | XA126 | 08 | | | 16B | 9 | | KXRRS0 | 01 | KXRRS0 | 00 | 1 | TQ2 | A1 | | 05A | | |
| 35404 | | XA127 | 07 | | XA127 | 13 | | | 16B | 9 | | SPIO151 | 06 | KXCP10 | 01 | 2 | TQ2 | A3 | | 03A | | |
| 34894 | | XA127 | 08 | | | | | | | | | KXXA6A | 02 | KXRRS0 | 01 | 1 | TQ2 | A1 | | 06A | | |
| 34358 | | XA127 | 09 | | XA127 | 15 | | | 16B | 9 | P | KXCP10 | 02 | KXCP1B | 01 | 1 | TQ2 | A3 | | 04B | CLOCK PHASE 1 BUS | |
| 34380 | | XA127 | 09 | | | | | | | | J | KXCP10 | 01 | KXCP10 | 00 | 1 | TQ2 | A3 | | 04B | KXCP1B BUSS | |
| 34647 | | XA127 | 10 | | XA124 | 10 | | | 16B | 9 | | KXRS0B | 20 | KXRRS0 | 01 | 2 | TQ2 | A1 | | 07A | | |
| 34355 | | XA127 | 11 | | XA135 | 63 | | | 16B | 9 | | KXCP1A | 03 | KXCP20 | 01 | 1 | TQ2 | A4 | | 05B | | |
| 33069 | | XA127 | 12 | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 35405 | | XA127 | 13 | | XA126 | 13 | | | 16B | 9 | | SPIO151 | 07 | KXCP20 | 01 | 2 | TQ2 | A4 | | 06B | | |
| 34382 | | XA127 | 14 | | XA126 | 11 | | | 16B | 9 | | KXCP3A | 01 | KXCP3A | 00 | 1 | TQ2 | B2 | | 09A | PHASE 3 OF 2 PHASE | |
| 34359 | | XA127 | 15 | | XA129 | 14 | | | 16B | 9 | P | KXCP20 | 03 | KXCP1B | 01 | 2 | TQ2 | A4 | | 07B | CLOCK PHASE 1 BUS | |
| 34381 | | XA127 | 15 | | | | | | | | J | KXCP20 | 01 | KXCP20 | 00 | 1 | TQ2 | A4 | | 07B | KXCP1B BUSS | |
| 33407 | | XA127 | 16 | | | | | | | | | GND | 01 | | | | TQ2 | | | 01B | | |
| 34143 | | XA127 | 17 | | | | | | | | | KSYN10 | 02 | KSYN1A | 01 | 1 | TQ2 | B3 | | 08B | | |
| 35085 | | XA127 | 18 | | XA129 | 34 | | | 16B | 9 | | KX1MA0 | 01 | KXCP3A | 01 | 1 | TQ2 | B2 | | 10A | | |
| 35408 | | XA127 | 19 | | | | | | | | | KXDV10 | 04 | KSYN1A | 01 | 2 | TQ2 | B3 | | 09B | | A05 |
| 35090 | | XA127 | 20 | | | | | | | | | KX1MRP | 03 | KXCP3A | 01 | 2 | TQ2 | B2 | | 11A | | |
| 34139 | | XA127 | 21 | | XA123 | 07 | | | 16B | 9 | | KSYN1A | 01 | KSYN1A | 00 | 1 | TQ2 | B3 | | 10B | START NEW INPUT OR | |
| CONNECTOR (XA127) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1064

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA127
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 50

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | LCO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 34902 | | XA127 | 22 | | XA129 | 26 | | 16B | 9 | | KXXBKO | 02 | KXXBKO | 00 | 1 | TQ2 | B1 | 12A | I/O BYTE COUNTER | | |
| 34574 | | XA127 | 23 | | XA129 | 19 | | 16B | 9 | | KXIR1Q | 01 | KXIR1A | 01 | 1 | TQ2 | B4 | 11B | | | |
| 34880 | | XA127 | 24 | | XA135 | 70 | | 16B | 9 | | KXXA3Q | 02 | KXXBKO | 01 | 1 | TQ2 | B1 | 13A | | | |
| 34399 | | XA127 | 25 | | XA126 | 01 | | 16B | 9 | | KXCP3B | 14 | KXIR1A | 01 | 2 | TQ2 | B4 | 12B | | | |
| 35409 | | XA127 | 26 | | XA126 | 26 | | 16B | 9 | | SPI0151 | 11 | KXXBKO | 01 | 2 | TQ2 | B1 | 14A | | | |
| 34572 | | XA127 | 27 | | XA117 | 65 | | 16B | 9 | | KXIR1A | 02 | KXIR1A | 00 | 1 | TQ2 | B4 | 13B | | | |
| 33070 | | XA127 | 28 | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 34724 | | XA127 | 29 | | | | | | | | KXR098T | 02 | KXOFRO | 01 | 1 | TQ2 | C3 | 14B | | | |
| 34460 | | XA127 | 30 | | XA125 | 40 | | 16B | 9 | | KXDVC0 | 02 | KXDVC0 | 00 | 1 | TQ2 | C2 | 15A | | | |
| 35445 | | XA127 | 31 | | XA127 | 37 | | 16B | 9 | | SPI0161 | 13 | KXOFRO | 01 | 2 | TQ2 | C3 | 15B | | | |
| 33408 | | XA127 | 32 | | | | | | | | GND | 01 | | | | TQ2 | | 20B | | | |
| 35076 | | XA127 | 33 | | XA125 | 34 | | 16B | 9 | | KXOFRO | 01 | KXOFRO | 00 | 1 | TQ2 | C3 | 16B | | | |
| 34713 | | XA127 | 34 | | XA133 | 24 | | 16B | 9 | | KXR090T | 01 | KXDVC0 | 01 | 1 | TQ2 | C2 | 16A | | | |
| 34788 | | XA127 | 35 | | | | | | | | KXSK0A | 02 | KXSK00 | 01 | 1 | TQ2 | C4 | 17B | | | |
| 35447 | | XA127 | 36 | | XA127 | 42 | | 16B | 9 | | SPI0161 | 15 | KXDVC0 | 01 | 2 | TQ2 | C2 | 17A | | | |
| 35446 | | XA127 | 37 | | XA127 | 36 | | 16B | 9 | | SPI0161 | 14 | KXSK00 | 01 | 2 | TQ2 | C4 | 18B | | | |
| 34442 | | XA127 | 38 | | XA132 | 42 | | 16B | 9 | | KXDEVA | 03 | KXDEVA | 00 | 1 | TQ2 | C1 | 18A | | | |
| 34791 | | XA127 | 39 | | | | | | | | KXSK00 | 03 | KXSK00 | 00 | 1 | TQ2 | C4 | 19B | I/O BUFFER REGISTE | | |
| 34747 | | XA127 | 40 | | XA129 | 77 | | 16B | 9 | | KXR3CS | 04 | KXDEVA | 01 | 1 | TQ2 | C1 | 19A | | | |
| 34499 | | XA127 | 41 | | XA130 | 19 | | 16B | 9 | | KXEB1Q | 02 | KXEB1A | 01 | 1 | TQ2 | D3 | 22B | | | |
| 35448 | | XA127 | 42 | | XA129 | 41 | | 16B | 9 | | SPI0161 | 16 | KXDEVA | 01 | 2 | TQ2 | C1 | 20A | | | |
| 34398 | | XA127 | 43 | | XA127 | 25 | | 16B | 9 | | KXCP3B | 13 | KXEB1A | 01 | 2 | TQ2 | D3 | 23B | | | |
| 33409 | | XA127 | 44 | | | | | | | | GND | 01 | | | | TQ2 | | 21B | | | |
| 34496 | | XA127 | 45 | | XA128 | 14 | | 16B | 9 | | KXEB1A | 01 | KXEB1A | 00 | 1 | TQ2 | D3 | 24B | | | |
| 34793 | | XA127 | 46 | | | | | | | | KXSST0 | 02 | KXSST0 | 00 | 1 | TQ2 | D2 | 21A | | | |
| 34189 | | XA127 | 47 | | XA138 | 22 | | 16B | 9 | | KXASLA | 01 | KXONL0 | 01 | 1 | TQ2 | D4 | 25B | | | |
| 34721 | | XA127 | 48 | | XA133 | 29 | | 16B | 9 | | KXR097T | 01 | KXSST0 | 01 | 1 | TQ2 | D2 | 22A | | | |
| 34295 | | XA127 | 49 | | XA138 | 14 | | 16B | 9 | | KXBLSA | 01 | KXONL0 | 01 | 2 | TQ2 | D4 | 26B | | | |
| 35437 | | XA127 | 50 | | XA131 | 40 | | 16B | 9 | | SPI0161 | 05 | KXSST0 | 01 | 2 | TQ2 | D2 | 23A | | | |
| 35080 | | XA127 | 51 | | | | | | | | KXONL0 | 03 | KXONL0 | 00 | 1 | TQ2 | D4 | 27B | ON LINE CONTROL | | |
| 34513 | | XA127 | 52 | | | | | | | | KXE0R0 | 02 | KXE0B0 | 00 | 1 | TQ2 | D1 | 24A | | | |
| 35098 | | XA127 | 53 | | | | | | | | K16MH0 | 03 | K16MH0 | 01 | 1 | TQ2 | E3 | 28B | | | |
| 34717 | | XA127 | 54 | | XA133 | 27 | | 16B | 9 | | KXR092T | 01 | KXE0B0 | 01 | 1 | TQ2 | D1 | 25A | DATA BYTE DECODER | | |
| 35434 | | XA127 | 55 | | XA127 | 56 | | 16B | 9 | | SPI0161 | 02 | K16MH0 | 01 | 2 | TQ2 | E3 | 29B | | | |
| 35435 | | XA127 | 56 | | XA128 | 51 | | 16B | 9 | | SPI0161 | 03 | KXE0B0 | 01 | 2 | TQ2 | D1 | 26A | | | |
| 35106 | | XA127 | 57 | | | | | | | | K16MH0 | 08 | K16MH0 | 00 | 1 | TQ2 | E3 | 30B | | | |
| 33410 | | XA127 | 58 | | | | | | | | GND | 01 | | | | TQ2 | | 27A | | | |
| 35097 | | XA127 | 59 | | XA127 | 53 | | 16B | 9 | | K16MH0 | 02 | K16MI0 | 01 | 1 | TQ2 | E4 | 31B | | | |
| 34292 | | XA127 | 60 | | | | | | | | KXBRQ0 | 02 | KXBRQ0 | 00 | 1 | TQ2 | E2 | 28A | PORT B REQUEST | | |
| 35433 | | XA127 | 61 | | XA127 | 55 | | 16B | 9 | | SPI0161 | 01 | K16MI0 | 01 | 2 | TQ2 | E4 | 32B | | | |
| 34289 | | XA127 | 62 | | XA137 | 57 | | 16B | 9 | | KXBRQA | 01 | KXBRQ0 | 01 | 1 | TQ2 | E2 | 29A | | | |
| 35111 | | XA127 | 63 | | XA118 | 60 | | 16B | 9 | | K16MI0 | 05 | K16MI0 | 00 | 1 | TQ2 | F4 | 33B | | | |
| 35457 | | XA127 | 64 | | XA127 | 70 | | 16B | 9 | | SPI0161 | 25 | KXBRQ0 | 01 | 2 | TQ2 | E2 | 30A | | | |
| 34063 | | XA127 | 65 | | | | | | | | KLPT2S | 03 | KLTE0A | 01 | 1 | TQ2 | F3 | 34B | | | |
| 34186 | | XA127 | 66 | | | | | | | | KXARQ0 | 02 | KXARQ0 | 00 | 1 | TQ2 | E1 | 31A | PORT A REQUEST | | |
| 33411 | | XA127 | 67 | | | | | | | | GND | 01 | | | | TQ2 | | 40A | | | |
| 34183 | | XA127 | 68 | | XA137 | 59 | | 16B | 9 | | KXARQA | 01 | KXARQ0 | 01 | 1 | TQ2 | E1 | 32A | | | |
| 34065 | | XA127 | 69 | | | | | | | | KLTE0A | 02 | KLTE0A | 00 | 1 | TQ2 | F3 | 35A | LOOP TEST START IN | | |
| 35458 | | XA127 | 70 | | XA127 | 73 | | 16B | 9 | | SPI0161 | 26 | KXARQ0 | 01 | 2 | TQ2 | E1 | 33A | | | |
| 33740 | | XA127 | 71 | | XA127 | 77 | | 16B | 9 | | KDRS00 | 02 | KDRS1A | 01 | 1 | TQ2 | F2 | 36A | | | |
| CONNECTOR XA127 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

H78-14 1065

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA127
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 51

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SPEC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------|------------|------|-------|----------------|---------|--------|----------|------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SH FT | MULT GROUP | CODE | COLOR | | | | | | | | | | | | |
| 33746 | | XA127 | 72 | | | | | | | | | KDRS1A | 05 | KDRS1A | 00 | 1 | TQ2 | F2 | | 34A | | |
| 35459 | | XA127 | 73 | | XA127 | 79 | | | 16B | 9 | | SPI0161 | 27 | KDRS1A | 01 | 2 | TQ2 | F2 | | 34B | | |
| 34488 | | XA127 | 74 | | XA126 | 74 | | | 16B | 9 | | KXEA00 | 01 | KLTEOA | 01 | 2 | TQ2 | F3 | | 35B | | |
| 33738 | | XA127 | 75 | | | | | | | | | KORS0A | 06 | KORS0A | 00 | 1 | TQ2 | F1 | | 37B | | |
| 33910 | | XA127 | 76 | | | | | | | | | KKTCR0 | 02 | KKTCRA | 01 | 1 | TQ2 | F4 | | 37A | | |
| 33741 | | XA127 | 77 | | | | | | | | | KDRS00 | 03 | KDRS0A | 01 | 1 | TQ2 | F1 | | 38B | | |
| 35461 | | XA127 | 78 | | XA130 | 80 | | | 16B | 9 | | SPI0161 | 29 | KKTCRA | 01 | 2 | TQ2 | F4 | | 38A | | |
| 35460 | | XA127 | 79 | | XA127 | 78 | | | 16B | 9 | | SPI0161 | 28 | KDRS0A | 01 | 2 | TQ2 | F1 | | 39B | | |
| 33907 | | XA127 | 80 | | XA117 | 22 | | | 16B | 9 | | KKTCRA | 01 | KKTCRA | 00 | 1 | TQ2 | F4 | | 39A | START MAIN TIMING | |
| 34901 | | XA128 | 01 | | XA127 | 22 | | | 16B | 9 | | KXXBKO | 01 | KXXBON | 01 | 1 | TDD | BN | | 02B | | |
| 33412 | | XA128 | 02 | | | | | | | | | GND | 01 | | | | TDD | | | 01B | | |
| 35377 | | XA128 | 03 | | XA122 | 11 | | | 16B | 9 | | SPI0141 | 16 | KXXB0Q | 01 | 1 | TDD | BQ | | 02A | | |
| 34895 | | XA128 | 04 | | XA129 | 22 | | | 16B | 9 | | KXXB0A | 01 | KXXB0P | 01 | 1 | TDD | BP | | 04A | | |
| 34938 | | XA128 | 05 | | | | | | | | | KXXB2P | 05 | KXXB0I | 01 | 1 | TDD | BI | | 03B | | |
| 34849 | | XA128 | 06 | | XA135 | 69 | | | 16B | 9 | | KXXADA | 01 | KXXACP | 01 | 1 | TDD | AP | | 05A | | |
| 34916 | | XA128 | 07 | | | | | | | | | KXXB0Q | 04 | KXXB0Q | 00 | 1 | TDD | BQ | | 03A | I/O BYTE COUNTER | |
| 35440 | | XA128 | 08 | | XA129 | 15 | | | 16B | 9 | | SPI0161 | 08 | KXXACI | 01 | 1 | TDD | AI | | 06A | | |
| 34912 | | XA128 | 09 | | | | | | | | | KXXB0P | 03 | KXXB0P | 00 | 1 | TDD | BP | | 04B | | |
| 34876 | | XA128 | 10 | | XA129 | 08 | | | 16B | 9 | | KXXA3P | 01 | KXXACP | 01 | 1 | TDD | AN | | 07A | | |
| 34842 | | XA128 | 11 | | XA129 | 06 | | | 16B | 9 | | KXXACP | 01 | KXXACP | 00 | 1 | TDD | AP | | 05B | | |
| 33071 | | XA128 | 12 | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 36883 | | XA128 | 13 | | | | | | | | M | KXXACQ | 01 | KXXACQ | 00 | 1 | TDD | AQ | | 06B | I/O STATE COUNTER | |
| 34497 | | XA128 | 14 | | | | | | | | | KXEB1A | 02 | KXEB0N | 01 | 1 | TDD | DN | | 09A | | |
| 34646 | | XA128 | 15 | | XA127 | 10 | | | 16B | 9 | | KXRS0B | 19 | KXXACQ | 01 | 1 | TDD | AQ | | 07B | | |
| 33413 | | XA128 | 16 | | | | | | | | | GND | 01 | | | | TDD | | | 20B | | |
| 34493 | | XA128 | 17 | | | | | | | | | KXEB0A | 02 | KXEB0Q | 01 | 1 | TDD | DQ | | 08B | | |
| 34528 | | XA128 | 18 | | XA128 | 24 | | | 16B | 9 | | KXGN2A | 03 | KXEB0I | 01 | 1 | TDD | DI | | 10A | | |
| 34495 | | XA128 | 19 | | | | | | | | | KXEB0Q | 02 | KXEB0Q | 00 | 1 | TDD | DQ | | 09B | FOR SYNC COUNTER | |
| 34644 | | XA128 | 20 | | XA128 | 22 | | | 16B | 9 | | KXRS0B | 17 | KXEB0P | 01 | 1 | TDD | DP | | 11A | | |
| 36861 | | XA128 | 21 | | | | | | | | M | KXEB0P | 01 | KXEB0P | 00 | 1 | TDD | DP | | 10B | | |
| 34645 | | XA128 | 22 | | XA128 | 15 | | | 16B | 9 | | KXRS0B | 18 | KXIROP | 01 | 1 | TDD | CP | | 12A | | |
| 36866 | | XA128 | 23 | | | | | | | | M | KXIROP | 01 | KXIROP | 00 | 1 | TDD | CP | | 11B | | |
| 34529 | | XA128 | 24 | | XA135 | 39 | | | 16B | 9 | | KXGN2A | 04 | KXIROI | 01 | 1 | TDD | CI | | 13A | | |
| 34570 | | XA128 | 25 | | | | | | | | | KXIROQ | 02 | KXIROQ | 00 | 1 | TDD | CQ | | 12B | I/O SYNC COUNTER | |
| 34571 | | XA128 | 26 | | XA127 | 27 | | | 16B | 9 | | KXIR1A | 01 | KXIRON | 01 | 1 | TDD | CN | | 14A | | |
| 34568 | | XA128 | 27 | | | | | | | | | KXIROA | 02 | KXIROQ | 01 | 1 | TDD | CQ | | 13B | | |
| 33072 | | XA128 | 28 | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 35372 | | XA128 | 29 | | XA129 | 17 | | | 16B | 9 | | SPI0141 | 11 | KDOUTQ | 01 | 1 | TDD | FQ | | 14B | | |
| 34474 | | XA128 | 30 | | XA130 | 42 | | | 16B | 9 | | KXDV10 | 02 | KDOUTN | 01 | 1 | TDD | FN | | 15A | | |
| 33753 | | XA128 | 31 | | XA125 | 22 | | | 16B | 9 | | KDOUTQ | 01 | KDOUTQ | 00 | 1 | TDD | FQ | | 15B | OUTPUT COMMAND FCB | |
| 33414 | | XA128 | 32 | | | | | | | | | GND | 01 | | | | TDD | | | 21B | | |
| 36792 | | XA128 | 33 | | | | | | | | M | KDOUTP | 01 | KDOUTP | 00 | 1 | TDD | EP | | 16B | | |
| 33761 | | XA128 | 34 | | XA126 | 27 | | | 16B | 9 | | KDOUTQ | 01 | KDOUTI | 01 | 1 | TDD | FI | | 16A | | |
| 36879 | | XA128 | 35 | | | | | | | | M | KXSTOP | 01 | KXSTOP | 00 | 1 | TDD | EP | | 17B | | |
| 34629 | | XA128 | 36 | | XA130 | 38 | | | 16B | 9 | | KXRS0B | 02 | KDOUTP | 01 | 1 | TDD | FP | | 17A | | |
| 34798 | | XA128 | 37 | | | | | | | | | KXST0Q | 02 | KXST0Q | 00 | 1 | TDD | FQ | | 18B | STOP SYNC COUNTER | |
| 35450 | | XA128 | 38 | | XA129 | 38 | | | 16B | 9 | | SPI0161 | 18 | KXSTOP | 01 | 1 | TDD | EP | | 18A | | |
| 34805 | | XA128 | 39 | | | | | | | | | KXST2A | 02 | KXST0Q | 01 | 1 | TDD | FQ | | 19B | | |
| CONNECTOR XA128 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA128
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 52

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | FCO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------|--------|----------|------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | OR IN | PREFIX | CONNECTOR | PIN | OR IN | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 34524 | XA128 | | 40 | | | | | | | | | | KXGN1A | 11 | KXSTOI | 01 | 1 | TDD | ET | | 19A | | |
| 35271 | XA128 | | 41 | | XA118 | | 48 | | | 16B | 9 | | SPI0051 | 08 | KK00BQ | 01 | 1 | TDD | HQ | | 22B | | C01 |
| 34800 | XA128 | | 42 | | XA138 | | 23 | | | 16B | 9 | | KXST1A | 02 | KXSTON | 01 | 1 | TDD | EN | | 20A | | |
| 36774 | XA128 | | 43 | | XA133 | | 48 | | | 16B | 9 | | KK00BQ | 01 | KK00BQ | 00 | 1 | TDD | HQ | | 23B | | A03 |
| 33415 | XA128 | | 44 | | | | | | | | | | GND | 01 | | | | TDD | | | 27A | | |
| 36775 | XA128 | | 45 | | | | | | | | | | KK00BP | 01 | KK00BP | 00 | 1 | TDD | HP | | 24B | | A03 |
| 35234 | XA128 | | 46 | | XA127 | | 01 | | | 16B | 9 | | KXCP1B | 00 | KK00BN | 01 | 1 | TDD | HN | | 21A | | A03 |
| 34986 | XA128 | | 47 | | XA118 | | 72 | | | 16B | 9 | | KXXC4P | 03 | KXXC4P | 00 | 1 | TDD | GP | | 25B | | |
| 35388 | XA128 | | 48 | | | | | | | | | | KK0090 | 02 | KK00BI | 01 | 1 | TDD | HI | | 22A | | A03 |
| 34991 | XA128 | | 49 | | | | | | | | | | KXXC4Q | 02 | KXXC4Q | 00 | 1 | TDD | GQ | | 26B | | |
| 35248 | XA128 | | 50 | | XA115 | | 40 | | | 16B | 9 | | KKTCCP | 04 | KK00BP | 01 | 1 | TDD | HP | | 23A | | A03 |
| 35436 | XA128 | | 51 | | XA127 | | 50 | | | 16B | 9 | | SPI0161 | 04 | KXXC4Q | 01 | 1 | TDD | GQ | | 27B | | |
| 34964 | XA128 | | 52 | | XA125 | | 59 | | | 16B | 9 | | KXXCR0 | 04 | KXXC4P | 01 | 1 | TDD | GP | | 24A | | |
| 33799 | XA128 | | 53 | | | | | | | | | | KD05SA | 02 | KD05BQ | 01 | 1 | TDD | KQ | | 28B | | |
| 34982 | XA128 | | 54 | | XA129 | | 43 | | | 16B | 9 | | KXXC30 | 01 | KXXC4I | 01 | 1 | TDD | GI | | 25A | | |
| 33796 | XA128 | | 55 | | XA116 | | 75 | | | 16B | 9 | | KD05BQ | 01 | KD05BQ | 00 | 1 | TDD | KQ | | 29B | | |
| 35110 | XA128 | | 56 | | XA127 | | 63 | | | 16B | 9 | | K16MIO | 04 | KXXC4N | 01 | 1 | TDD | GN | | 26A | | |
| 33795 | XA128 | | 57 | | | | | | | | | | KD05BP | 03 | KD05BP | 00 | 1 | TDD | KP | | 30B | | |
| 33416 | XA128 | | 58 | | | | | | | | | | GND | 01 | | | | TDD | | | 40A | | |
| 35048 | XA128 | | 59 | | XA117 | | 70 | | | 16B | 9 | | KXXR2P | 02 | KXXR2P | 00 | 1 | TDD | JP | | 31B | | |
| 33687 | XA128 | | 60 | | XA126 | | 57 | | | 16B | 9 | | KDCP10 | 04 | KD05BN | 01 | 1 | TDD | KN | | 28A | | |
| 36893 | XA128 | | 61 | | | | | | | | | | KXXR2Q | 01 | KXXR2Q | 00 | 1 | TDD | JQ | | 32B | | |
| 34768 | XA128 | | 62 | | | | | | | | | | KXR5CS | 06 | KD05BI | 01 | 1 | TDD | KI | | 29A | | |
| 35456 | XA128 | | 63 | | XA127 | | 64 | | | 16B | 9 | | SPI0161 | 24 | KXXR2Q | 01 | 1 | TDD | JQ | | 33B | | |
| 33742 | XA128 | | 64 | | XA129 | | 73 | | | 16B | 9 | | KDRS1A | 01 | KD05BP | 01 | 1 | TDD | KP | | 30A | | |
| 33813 | XA128 | | 65 | | | | | | | | | | KD07SA | 02 | KD07BQ | 01 | 1 | TDD | MQ | | 34B | | |
| 35030 | XA128 | | 66 | | XA117 | | 61 | | | 16B | 9 | | KXXRCQ | 03 | KXXR2P | 01 | 1 | TDD | JP | | 31A | | |
| 33417 | XA128 | | 67 | | | | | | | | | | GND | 01 | | | | TDD | | | 40B | | |
| 35045 | XA128 | | 68 | | XA129 | | 61 | | | 16B | 9 | | KXXR1Q | 01 | KXXR2I | 01 | 1 | TDD | JT | | 32A | | |
| 33808 | XA128 | | 69 | | | | | | | | | | KD07BP | 02 | KD07BP | 00 | 1 | TDD | MP | | 35A | | |
| 35105 | XA128 | | 70 | | XA127 | | 57 | | | 16B | 9 | | K16MH0 | 07 | KXXR2N | 01 | 1 | TDD | JN | | 33A | | |
| 34786 | XA128 | | 71 | | | | | | | | | | KXR7CS | 06 | KD07BI | 01 | 1 | TDD | MI | | 36A | | |
| 33686 | XA128 | | 72 | | XA128 | | 60 | | | 16B | 9 | | KDCP10 | 03 | KD07BN | 01 | 1 | TDD | MN | | 34A | | |
| 33745 | XA128 | | 73 | | XA127 | | 72 | | | 16B | 9 | | KDRS1A | 04 | KD07BP | 01 | 1 | TDD | MP | | 36B | | |
| 33809 | XA128 | | 74 | | XA116 | | 76 | | | 16B | 9 | | KD07BQ | 01 | KD07BQ | 00 | 1 | TDD | MQ | | 35B | | |
| 33744 | XA128 | | 75 | | XA128 | | 73 | | | 16B | 9 | | KDRS1A | 03 | KD06BP | 01 | 1 | TDD | LP | | 37B | | |
| 33801 | XA128 | | 76 | | | | | | | | | | KD06BP | 02 | KD06BP | 00 | 1 | TDD | LP | | 37A | | |
| 34777 | XA128 | | 77 | | | | | | | | | | KXR6CS | 06 | KD06BI | 01 | 1 | TDD | LI | | 38B | | |
| 33804 | XA128 | | 78 | | | | | | | | | | KD06BQ | 03 | KD06BQ | 00 | 1 | TDD | LQ | | 38A | | |
| 33684 | XA128 | | 79 | | XA129 | | 72 | | | 16B | 9 | | KDCP10 | 01 | KD06BN | 01 | 1 | TDD | LN | | 39B | | |
| 33806 | XA128 | | 80 | | | | | | | | | | KD06SA | 02 | KD06BQ | 01 | 1 | TDD | LO | | 39A | | |
| 35099 | XA129 | | 01 | | XA130 | | 01 | | | 16B | 9 | | K16MH0 | 01 | KXXA2N | 01 | 1 | TDD | BN | | 02B | | |
| 33418 | XA129 | | 02 | | | | | | | | | | GND | 01 | | | | TDD | | | 01B | | |
| 35376 | XA129 | | 03 | | XA128 | | 03 | | | 16B | 9 | | SPI0141 | 15 | KXXA2Q | 01 | 1 | TDD | BQ | | 02A | | |
| 34844 | XA129 | | 04 | | XA130 | | 04 | | | 16B | 9 | | KXXACP | 03 | KXXA2P | 01 | 1 | TDD | BP | | 04A | | |
| 34870 | XA129 | | 05 | | XA114 | | 06 | | | 16B | 9 | | KXXA1Q | 06 | KXXA2I | 01 | 1 | TDD | BI | | 03B | | |
| 34843 | XA129 | | 06 | | XA129 | | 04 | | | 16B | 9 | | KXXACP | 02 | KXXA0P | 01 | 1 | TDD | AP | | 05A | | |
| 34875 | XA129 | | 07 | | | | | | | | | | KXXA2Q | 03 | KXXA2Q | 00 | 1 | TDD | BQ | | 03A | | |
| CONNECTOR XA129 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA129
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 53

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------|------|-------|--------|--------|----------|-------------|------------------|-------|---------------------|--------------------|--------------------|-------------------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | GROUP | CODE | COLOR | | | | | | | | | | |
| 34877 | | XA129 | 08 | | XA130 | 09 | | | 16B | 9 | | | | | | | 06A | | |
| 36884 | | XA129 | 09 | | | | | | | | | | | | | | 04B | | |
| 35101 | | XA129 | 10 | | XA130 | 10 | | | 16B | 9 | | | | | | | 07A | | |
| 34855 | | XA129 | 11 | | XA131 | 05 | | | 16B | 9 | | | | | | | 05B | | |
| 33073 | | XA129 | 12 | | | | | | | | | | | | | | | | |
| 34860 | | XA129 | 13 | | XA130 | 08 | | | 16B | 9 | | | | | | | 06B | | T/O STATE COUNTER |
| 34360 | | XA129 | 14 | | XA130 | 14 | | | 16B | 9 | | | | | | | 09A | | |
| 35441 | | XA129 | 15 | | XA130 | 15 | | | 16B | 9 | | | | | | | 07B | | |
| 33419 | | XA129 | 16 | | | | | | | | | | | | | | 20B | | |
| 35373 | | XA129 | 17 | | XA130 | 17 | | | 16B | 9 | | | | | | | 08B | | |
| 34569 | | XA129 | 18 | | XA128 | 25 | | | 16B | 9 | | | | | | | 10A | | |
| 34575 | | XA129 | 19 | | | | | | | | | | | | | | 09B | | T/R SYNC COUNTER |
| 34643 | | XA129 | 20 | | XA128 | 20 | | | 16B | 9 | | | | | | | 11A | | |
| 36867 | | XA129 | 21 | | | | | | | | | | | | | | 10B | | |
| 34896 | | XA129 | 22 | | XA130 | 22 | | | 16B | 9 | | | | | | | 12A | | |
| 34921 | | XA129 | 23 | | XA135 | 50 | | | 16B | 9 | | | | | | | 11B | | |
| 34915 | | XA129 | 24 | | XA128 | 07 | | | 16B | 9 | | | | | | | 13A | | |
| 34925 | | XA129 | 25 | | | | | | | | | | | | | | 12B | | T/O BYTE COUNTER |
| 34903 | | XA129 | 26 | | XA130 | 26 | | | 16B | 9 | | | | | | | 14A | | |
| 35444 | | XA129 | 27 | | XA127 | 31 | | | 16B | 9 | | | | | | | 13B | | |
| 33074 | | XA129 | 28 | | | | | | | | | | | | | | | | |
| 35247 | | XA129 | 29 | | XA125 | 71 | | | 16B | 9 | | | | | | | 14B | | A03 |
| 35093 | | XA129 | 30 | | XA130 | 30 | | | 16B | 9 | | | | | | | 15A | | |
| 35092 | | XA129 | 31 | | | | | | | | | | | | | | 15B | | PHASE CLOCK BIT 1 |
| 33420 | | XA129 | 32 | | | | | | | | | | | | | | 21B | | |
| 35089 | | XA129 | 33 | | XA127 | 20 | | | 16B | 9 | | | | | | | 16B | | |
| 35086 | | XA129 | 34 | | XA130 | 31 | | | 16B | 9 | | | | | | | 16A | | |
| 36880 | | XA129 | 35 | | | | | | | | | | | | | | 17B | | |
| 35235 | | XA129 | 36 | | XA130 | 29 | | | 16B | 9 | | | | | | | 17A | | |
| 34803 | | XA129 | 37 | | | | | | | | | | | | | | 18B | | STOP SYNC COUNTER |
| 35451 | | XA129 | 38 | | XA130 | 39 | | | 16B | 9 | | | | | | | 18A | | |
| 35371 | | XA129 | 39 | | XA128 | 29 | | | 16B | 9 | | | | | | | 19B | | |
| 34797 | | XA129 | 40 | | XA128 | 37 | | | 16B | 9 | | | | | | | 19A | | |
| 35449 | | XA129 | 41 | | XA128 | 38 | | | 16B | 9 | | | | | | | 22B | | |
| 34366 | | XA129 | 42 | | XA126 | 50 | | | 16B | 9 | | | | | | | 20A | | |
| 34983 | | XA129 | 43 | | | | | | | | | | | | | | 23B | | |
| 33421 | | XA129 | 44 | | | | | | | | | | | | | | 27A | | |
| 34980 | | XA129 | 45 | | XA122 | 74 | | | 16B | 9 | | | | | | | 24B | | |
| 35107 | | XA129 | 46 | | XA130 | 46 | | | 16B | 9 | | | | | | | 21A | | |
| 34953 | | XA129 | 47 | | XA125 | 61 | | | 16B | 9 | | | | | | | 25B | | |
| 34978 | | XA129 | 48 | | XA130 | 43 | | | 16B | 9 | | | | | | | 22A | | |
| 34956 | | XA129 | 49 | | XA116 | 52 | | | 16B | 9 | | | | | | | 26B | | |
| 34963 | | XA129 | 50 | | XA128 | 52 | | | 16B | 9 | | | | | | | 23A | | |
| 34951 | | XA129 | 51 | | | | | | | | | | | | | | 27B | | |
| 34628 | | XA129 | 52 | | XA128 | 36 | | | 16B | 9 | | | | | | | 24A | | |
| 33778 | | XA129 | 53 | | | | | | | | | | | | | | 28B | | |
| 34542 | | XA129 | 54 | | XA133 | 57 | | | 16B | 9 | | | | | | | 25A | | |
| 33775 | | XA129 | 55 | | XA116 | 54 | | | 16B | 9 | | | | | | | 29B | | |
| 34985 | | XA129 | 56 | | XA128 | 47 | | | 16B | 9 | | | | | | | 26A | | |
| 33774 | | XA129 | 57 | | | | | | | | | | | | | | 30B | | |
| CONNECTOR XA129 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA129
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 54

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SPEC. INST. WIRE | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|-----------|-----------|---------------------------------|--------|-----------|-----|-------------|------|-------|-------|------------------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | |
| 33422 | | XA129 | 58 | | | | | | | | | GND | 01 | | | | TDD | | | | 40A | |
| 36892 | | XA129 | 59 | | | | | | | | M | KXXR1P | 01 | KXXR1P | 00 | 1 | TDD | JP | | | 31B | |
| 33679 | | XA129 | 60 | | XA130 | 60 | | 16B | 9 | | | KDCP00 | 02 | KD02BN | 01 | 1 | TDD | KN | | 28A | | |
| 35046 | | XA129 | 61 | | | | | | | | | KXXR1Q | 02 | KXXR1Q | 00 | 1 | TDD | JQ | | 32B | | |
| 34737 | | XA129 | 62 | | XA236 | 47 | | 16B | 9 | | | KXR2CS | 01 | KD02BI | 01 | 1 | TDD | KI | | 29A | | |
| 35455 | | XA129 | 63 | | XA128 | 63 | | 16B | 9 | | | SPI0161 | 23 | KXXR1Q | 01 | 1 | TDD | JO | | 33B | | |
| 33734 | | XA129 | 64 | | XA130 | 73 | | 16B | 9 | | | KDRSOA | 02 | KD02BP | 01 | 1 | TDD | KP | | 30A | | |
| 33792 | | XA129 | 65 | | | | | | | | | KD04SA | 02 | KD04BQ | 01 | 1 | TDD | MQ | | 34B | | |
| 35029 | | XA129 | 66 | | XA128 | 66 | | 16B | 9 | | | KXXRCQ | 02 | KXXR1P | 01 | 1 | TDD | JP | | 31A | | |
| 33423 | | XA129 | 67 | | | | | | | | | GND | 01 | | | | TDD | | | 40B | | |
| 35041 | | XA129 | 68 | | XA130 | 61 | | 16B | 9 | | | KXXR0Q | 01 | KXXR1I | 01 | 1 | TDD | JI | | 32A | | |
| 33788 | | XA129 | 69 | | | | | | | | | KD04BP | 03 | KD04BP | 00 | 1 | TDD | MP | | 35A | | |
| 35104 | | XA129 | 70 | | XA128 | 70 | | 16B | 9 | | | K16MH0 | 06 | KXXR1N | 01 | 1 | TDD | JN | | 33A | | |
| 34759 | | XA129 | 71 | | | | | | | | | KXR4CS | 07 | KD04BI | 01 | 1 | TDD | MI | | 36A | | |
| 33685 | | XA129 | 72 | | XA128 | 72 | | 16B | 9 | | | KDCP10 | 02 | KD04BN | 01 | 1 | TDD | MN | | 34A | | |
| 33743 | | XA129 | 73 | | XA128 | 75 | | 16B | 9 | | | KDRS1A | 02 | KD04BP | 01 | 1 | TDD | MP | | 36B | | |
| 33789 | | XA129 | 74 | | XA116 | 69 | | 16B | 9 | | | KD04BQ | 01 | KD04BQ | 00 | 1 | TDD | MO | | 35B | | |
| 33737 | | XA129 | 75 | | XA127 | 75 | | 16B | 9 | | | KDRSOA | 05 | KD03BP | 01 | 1 | TDD | LP | | 37B | | |
| 33781 | | XA129 | 76 | | | | | | | | | KD03BP | 03 | KD03BP | 00 | 1 | TDD | LP | | 37A | | |
| 34748 | | XA129 | 77 | | | | | | | | | KXR3CS | 05 | KD03BI | 01 | 1 | TDD | LI | | 38B | | |
| 33782 | | XA129 | 78 | | XA116 | 62 | | 16B | 9 | | | KD03BQ | 01 | KD03BQ | 00 | 1 | TDD | LQ | | 38A | | |
| 33683 | | XA129 | 79 | | | | | | | | | KDCP00 | 06 | KD03BN | 01 | 1 | TDD | LN | | 39B | | |
| 33785 | | XA129 | 80 | | | | | | | | | KD03SA | 02 | KD03BQ | 01 | 1 | TDD | LQ | | 39A | | |
| 35100 | | XA130 | 01 | | XA129 | 10 | | 16B | 9 | | | K16MH0 | 02 | KXXA3N | 01 | 1 | TDD | BN | | 02B | | |
| 33424 | | XA130 | 02 | | | | | | | | | GND | 01 | | | | TDD | | | 01B | | |
| 35375 | | XA130 | 03 | | XA129 | 03 | | 16B | 9 | | | SPI0141 | 14 | KXXA3Q | 01 | 1 | TDD | BQ | | 02A | | |
| 34845 | | XA130 | 04 | | XA130 | 06 | | 16B | 9 | | | KXXACP | 04 | KXXA3P | 01 | 1 | TDD | BP | | 04A | | |
| 34874 | | XA130 | 05 | | XA129 | 07 | | 16B | 9 | | | KXXA2Q | 02 | KXXA3I | 01 | 1 | TDD | BI | | 03B | | |
| 34846 | | XA130 | 06 | | | | | | | | | KXXACP | 05 | KXXA1P | 01 | 1 | TDD | AP | | 05A | | |
| 34879 | | XA130 | 07 | | XA127 | 24 | | 16B | 9 | | | KXXA3Q | 01 | KXXA3Q | 00 | 1 | TDD | BQ | | 03A | I/O STATE COUNTER | |
| 34861 | | XA130 | 08 | | XA135 | 68 | | 16B | 9 | | | KXXA0Q | 02 | KXXA1I | 01 | 1 | TDD | AI | | 06A | | |
| 34878 | | XA130 | 09 | | | | | | | | | KXXA3P | 03 | KXXA3P | 00 | 1 | TDD | BP | | 04B | | |
| 35102 | | XA130 | 10 | | XA130 | 70 | | 16B | 9 | | | K16MH0 | 04 | KXXA1N | 01 | 1 | TDD | AN | | 07A | | |
| 34863 | | XA130 | 11 | | XA135 | 53 | | 16B | 9 | | | KXXA1P | 01 | KXXA1P | 00 | 1 | TDD | AP | | 05B | | |
| 33075 | | XA130 | 12 | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 34869 | | XA130 | 13 | | XA129 | 05 | | 16B | 9 | | | KXXA1Q | 05 | KXXA1Q | 00 | 1 | TDD | AQ | | 06B | I/O STATE COUNTER | |
| 34361 | | XA130 | 14 | | XA133 | 51 | | 16B | 9 | | | KXCP1B | 05 | KXEB1N | 01 | 1 | TDD | DN | | 09A | | |
| 35442 | | XA130 | 15 | | XA130 | 27 | | 16B | 9 | | | SPI0161 | 10 | KXXA1Q | 01 | 1 | TDD | AQ | | 07B | | |
| 33425 | | XA130 | 16 | | | | | | | | | GND | 01 | | | | TDD | | | 20B | | |
| 35374 | | XA130 | 17 | | XA130 | 03 | | 16B | 9 | | | SPI0141 | 13 | KXEB1Q | 01 | 1 | TDD | DQ | | 08B | | |
| 34494 | | XA130 | 18 | | XA128 | 19 | | 16B | 9 | | | KXEB0Q | 01 | KXEB1I | 01 | 1 | TDD | DI | | 10A | | |
| 34500 | | XA130 | 19 | | XA120 | 08 | | 16B | 9 | | | KXEB1Q | 03 | KXEB1Q | 00 | 1 | TDD | DQ | | 09B | EOB SYNC COUNTER | |
| 34642 | | XA130 | 20 | | XA129 | 20 | | 16B | 9 | | | KXRS0B | 15 | KXEB1P | 01 | 1 | TDD | DP | | 11A | | |
| 36862 | | XA130 | 21 | | | | | | | | M | KXEB1P | 01 | KXEB1P | 00 | 1 | TDD | DP | | 10B | | |
| 34897 | | XA130 | 22 | | XA138 | 39 | | 16B | 9 | | | KXXBCA | 03 | KXXB2P | 01 | 1 | TDD | CP | | 12A | | |
| 34937 | | XA130 | 23 | | XA128 | 05 | | 16B | 9 | | | KXXB2P | 04 | KXXB2P | 00 | 1 | TDD | CP | | 11B | | |
| 34924 | | XA130 | 24 | | XA129 | 25 | | 16B | 9 | | | KXXB1Q | 02 | KXXB2I | 01 | 1 | TDD | CI | | 13A | | |
| 34940 | | XA130 | 25 | | | | | | | | | KXXB2Q | 02 | KXXB2Q | 00 | 1 | TDD | CQ | | 12B | I/O BYTE COUNTER | |
| | CONNECTOR | XA130 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | |

H78-14 1069

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA130
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 55

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH PC | PREFIX | CONNECTOR | PIN | SH PC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 34904 | | XA130 | 26 | | | | | | | | | | KXXBKO | 04 | KXXB2N | 01 | 1 | TDD | CN | | 14A | | |
| 35443 | | XA130 | 27 | | | XA129 | 27 | | | 16B | 9 | | SPIO161 | 11 | KXXB2Q | 01 | 1 | TDD | CQ | | 13B | | |
| 33076 | | XA130 | 28 | | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 35236 | | XA130 | 29 | | | XA131 | 42 | | | 16B | 9 | | SPI0031 | 30 | KX1MAQ | 01 | 1 | TDD | FQ | | 14B | | |
| 35094 | | XA130 | 30 | | | XA139 | 27 | | | 16B | 9 | | K04MZO | 02 | KX1MAN | 01 | 1 | TDD | FN | | 15A | | |
| 35087 | | XA130 | 31 | | | | | | | | | | KX1MAQ | 03 | KX1MAQ | 00 | 1 | TDD | FQ | | 15B | PHASE CLOCK BIT 0 | |
| 33426 | | XA130 | 32 | | | | | | | | | | GND | 01 | | | | TDD | | | 21B | | |
| 35083 | | XA130 | 33 | | | XA135 | 59 | | | 16B | 9 | | KX1MAP | 01 | KX1MAP | 00 | 1 | TDD | FP | | 16B | | |
| 35088 | | XA130 | 34 | | | XA129 | 33 | | | 16B | 9 | | KX1MBP | 01 | KX1MAI | 01 | 1 | TDD | FI | | 16A | | |
| 36789 | | XA130 | 35 | | | | | | | | | M | KDAINP | 01 | KDAINP | 00 | 1 | TDD | FP | | 17B | | |
| 35369 | | XA130 | 36 | | | XA130 | 41 | | | 16B | 9 | | SPIO141 | 08 | KX1MAP | 01 | 1 | TDD | FP | | 17A | | |
| 33675 | | XA130 | 37 | | | | | | | | | | KDAINQ | 09 | KDAINQ | 00 | 1 | TDD | FQ | | 18B | INPUT COMMAND | |
| 34630 | | XA130 | 38 | | | XA132 | 41 | | | 16B | 9 | | KXRSOB | 03 | KDAINP | 01 | 1 | TDD | EP | | 18A | | |
| 35452 | | XA130 | 39 | | | XA130 | 51 | | | 16B | 9 | | SPIO161 | 20 | KDAINQ | 01 | 1 | TDD | FQ | | 19B | | |
| 33676 | | XA130 | 40 | | | XA126 | 21 | | | 16B | 9 | | KDAINO | 01 | KDAINI | 01 | 1 | TDD | EI | | 19A | | |
| 35370 | | XA130 | 41 | | | XA129 | 39 | | | 16B | 9 | | SPIO141 | 09 | KXXC2Q | 01 | 1 | TDD | HQ | | 22B | | |
| 34475 | | XA130 | 42 | | | XA127 | 19 | | | 16B | 9 | | KXDV10 | 03 | KDAINN | 01 | 1 | TDD | EN | | 20A | A05 | |
| 34979 | | XA130 | 43 | | | | | | | | | | KXXC2Q | 04 | KXXC2Q | 00 | 1 | TDD | HQ | | 23B | | |
| 33427 | | XA130 | 44 | | | | | | | | | | GND | 01 | | | | TDD | | | 27A | | |
| 36887 | | XA130 | 45 | | | | | | | | | M | KXXC2P | 01 | KXXC2P | 00 | 1 | TDD | HP | | 24B | | |
| 35108 | | XA130 | 46 | | | XA130 | 56 | | | 16B | 9 | | K16M10 | 02 | KXXC2N | 01 | 1 | TDD | HN | | 21A | | |
| 36885 | | XA130 | 47 | | | | | | | | | M | KXXCOP | 01 | KXXCOP | 00 | 1 | TDD | GP | | 25B | | |
| 34974 | | XA130 | 48 | | | XA118 | 78 | | | 16B | 9 | | KXXC1Q | 01 | KXXC2I | 01 | 1 | TDD | HI | | 22A | | |
| 34973 | | XA130 | 49 | | | | | | | | | | KXXC0Q | 02 | KXXC0Q | 00 | 1 | TDD | GO | | 26B | TOU INPUT STROBE | |
| 34962 | | XA130 | 50 | | | XA129 | 50 | | | 16B | 9 | | KXXCR0 | 02 | KXXC2P | 01 | 1 | TDD | HP | | 23A | | |
| 35453 | | XA130 | 51 | | | XA130 | 63 | | | 16B | 9 | | SPIO161 | 21 | KXXC0Q | 01 | 1 | TDD | GO | | 27B | | |
| 34961 | | XA130 | 52 | | | XA130 | 50 | | | 16B | 9 | | KXXCR0 | 01 | KXXCOP | 01 | 1 | TDD | GP | | 24A | | |
| 33752 | | XA130 | 53 | | | | | | | | | | KDOPSA | 02 | KDOPBQ | 01 | 1 | TDD | KQ | | 28B | | |
| 34984 | | XA130 | 54 | | | XA129 | 56 | | | 16B | 9 | | KXXC4P | 01 | KXXC0I | 01 | 1 | TDD | GI | | 25A | | |
| 33750 | | XA130 | 55 | | | | | | | | | | KDOPBQ | 02 | KDOPBQ | 00 | 1 | TDD | KQ | | 29B | DATA REGISTER BIT | |
| 35109 | | XA130 | 56 | | | XA128 | 56 | | | 16B | 9 | | K16M10 | 03 | KXXCON | 01 | 1 | TDD | GN | | 26A | | |
| 33748 | | XA130 | 57 | | | | | | | | | | KDOPBP | 02 | KDOPBP | 00 | 1 | TDD | KP | | 30B | | |
| 33428 | | XA130 | 58 | | | | | | | | | | GND | 01 | | | | TDD | | | 40A | | |
| 35039 | | XA130 | 59 | | | XA118 | 63 | | | 16B | 9 | | KXXROP | 01 | KXXROP | 00 | 1 | TDD | JP | | 31B | | |
| 33680 | | XA130 | 60 | | | XA130 | 72 | | | 16B | 9 | | KDCP00 | 03 | KDOPBN | 01 | 1 | TDD | KN | | 28A | | |
| 35042 | | XA130 | 61 | | | XA137 | 64 | | | 16B | 9 | | KXXROQ | 02 | KXXROQ | 00 | 1 | TDD | JQ | | 32B | TOU REQUEST COUNT | |
| 34611 | | XA130 | 62 | | | XA131 | 07 | | | 16B | 9 | | KXRPCS | 04 | KDOPBI | 01 | 1 | TDD | KI | | 29A | | |
| 35454 | | XA130 | 63 | | | XA129 | 63 | | | 16B | 9 | | SPIO161 | 22 | KXXROQ | 01 | 1 | TDD | JQ | | 33B | | |
| 33733 | | XA130 | 64 | | | XA129 | 64 | | | 16B | 9 | | KDRSOA | 01 | KDOPBP | 01 | 1 | TDD | KP | | 30A | | |
| 33771 | | XA130 | 65 | | | | | | | | | | KDQISA | 02 | KDQIBQ | 01 | 1 | TDD | MQ | | 34B | | |
| 35028 | | XA130 | 66 | | | XA129 | 66 | | | 16B | 9 | | KXXRCQ | 01 | KXXROP | 01 | 1 | TDD | JP | | 31A | | |
| 33429 | | XA130 | 67 | | | | | | | | | | GND | 01 | | | | TDD | | | 40B | | |
| 35047 | | XA130 | 68 | | | XA128 | 59 | | | 16B | 9 | | KXXR2P | 01 | KXXROI | 01 | 1 | TDD | JI | | 32A | | |
| 33767 | | XA130 | 69 | | | | | | | | | | KDQIBP | 03 | KDQIBP | 00 | 1 | TDD | MP | | 35A | | |
| 35103 | | XA130 | 70 | | | XA129 | 70 | | | 16B | 9 | | K16MH0 | 05 | KXXRON | 01 | 1 | TDD | JN | | 33A | | |
| 34732 | | XA130 | 71 | | | | | | | | | | KXR1CS | 04 | KDQIBI | 01 | 1 | TDD | MI | | 36A | | |
| 33681 | | XA130 | 72 | | | XA130 | 79 | | | 16B | 9 | | KDCP00 | 04 | KDQIBN | 01 | 1 | TDD | MN | | 34A | | |
| 33735 | | XA130 | 73 | | | XA130 | 75 | | | 16B | 9 | | KDRSOA | 03 | KDQIBP | 01 | 1 | TDD | MP | | 36B | | |
| 33769 | | XA130 | 74 | | | | | | | | | | KDQIBQ | 02 | KDQIBQ | 00 | 1 | TDD | MQ | | 35B | | |
| 33736 | | XA130 | 75 | | | XA129 | 75 | | | 16B | 9 | | KDRSOA | 04 | KDQOBP | 01 | 1 | TDD | LP | | 37B | | |
| CONNECTOR XA130 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1070

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA130
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 56

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | SFC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | FCO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------------|------|-------|---------------|---------|--------|----------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 36793 | XA130 | 76 | | | | | | | | | KD00BP | 01 | KD00BP | 00 | 1 | TDD | LP | 37A | | C02 |
| 34702 | XA130 | 77 | | XA113 | 55 | | 16B | 9 | | | KXROCS | 05 | KD00BI | 01 | 1 | TDD | LI | 38B | | |
| 33764 | XA130 | 78 | | | | | | | | | KD00BQ | 02 | KD00BQ | 00 | 1 | TDD | LQ | 38A | DATA REGISTER BIT | |
| 33682 | XA130 | 79 | | XA129 | 79 | | 16B | 9 | | | KDCP00 | 05 | KD00BN | 01 | 1 | TDD | LN | 39B | | |
| 35462 | XA130 | 80 | | XA131 | 78 | | 16B | 9 | | | SPI0161 | 30 | KD00BQ | 01 | 1 | TDD | LQ | 39A | | |
| 34349 | XA131 | 01 | | XA135 | 22 | | 16B | 9 | | | KXCMA5 | 01 | KXCA1A | 01 | 1 | TS8 | A1 | 02B | | |
| 33430 | XA131 | 02 | | | | | | | | | GND | 01 | | | | TS8 | | 01A | | |
| 33180 | XA131 | 03 | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 34928 | XA131 | 04 | | XA139 | 72 | | 16B | 9 | | | KXXB10 | 03 | KXCA1A | 01 | 2 | TS8 | A1 | 04A | | |
| 34856 | XA131 | 05 | | XA131 | 34 | | 16B | 9 | | | KXXA0P | 04 | KXCA1A | 01 | 3 | TS8 | A1 | 03B | | |
| 34868 | XA131 | 06 | | XA130 | 13 | | 16B | 9 | | | KXXA1Q | 04 | KXCA1A | 01 | 4 | TS8 | A1 | 05A | | |
| 34612 | XA131 | 07 | | | | | | | | | KXRPCS | 05 | KXCA1A | 01 | 5 | TS8 | A1 | 03A | | |
| 34701 | XA131 | 08 | | XA130 | 77 | | 16B | 9 | | | KXROCS | 04 | KXCA1A | 01 | 6 | TS8 | A1 | 06A | | |
| 33181 | XA131 | 09 | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 34728 | XA131 | 10 | | | | | | | | | KXR1CR | 04 | KXCA1A | 01 | 7 | TS8 | A1 | 07A | | |
| 34338 | XA131 | 11 | | XA135 | 23 | | 16B | 9 | | | KXCA1A | 01 | KXCA1A | 00 | 1 | TS8 | A1 | 05B | DEV COMND BYTE 1 | |
| 33077 | XA131 | 12 | | | | | | | | | +5V | 01 | | | | TS8 | | | | |
| 34736 | XA131 | 13 | | | | | | | | | KXR2CR | 04 | KXCA1A | 01 | 8 | TS8 | A1 | 06B | | |
| 34553 | XA131 | 14 | | | | | | | | | KXHS0A | 02 | KXST20 | 01 | 1 | TS8 | B1 | 09A | | |
| 33182 | XA131 | 15 | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 33431 | XA131 | 16 | | | | | | | | | GND | 01 | | | | TS8 | | 21B | | |
| 33183 | XA131 | 17 | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 34796 | XA131 | 18 | | | | | | | | | KXSS0A | 03 | KXST20 | 01 | 2 | TS8 | B1 | 10A | | |
| 34187 | XA131 | 19 | | XA132 | 20 | | 16B | 9 | | | KXARSA | 01 | KXST20 | 01 | 3 | TS8 | B1 | 09B | | |
| 34293 | XA131 | 20 | | XA132 | 19 | | 16B | 9 | | | KXBRSA | 01 | KXST20 | 01 | 4 | TS8 | B1 | 11A | | |
| 33184 | XA131 | 21 | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 34577 | XA131 | 22 | | | | | | | | | KXPRSA | 02 | KXST20 | 01 | 5 | TS8 | B1 | 12A | | |
| 34806 | XA131 | 23 | | XA126 | 41 | | 16B | 9 | | | KXST20 | 01 | KXST20 | 00 | 1 | TS8 | B1 | 11B | START MASTER RESET | |
| 33700 | XA131 | 24 | | XA121 | 51 | | 16B | 9 | | | KDEV1A | 01 | KXST20 | 01 | 6 | TS8 | B1 | 13A | | |
| 33113 | XA131 | 25 | | XA137 | 05 | | 16B | 9 | | | DEVINH | 01 | KXST20 | 01 | 7 | TS8 | B1 | 12B | | |
| 35439 | XA131 | 26 | | XA128 | 08 | | 16B | 9 | | | SPI0161 | 07 | KXST20 | 01 | 8 | TS8 | B1 | 14A | | |
| 33185 | XA131 | 27 | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 33078 | XA131 | 28 | | | | | | | | | +5V | 01 | | | | TS8 | | | | |
| 33186 | XA131 | 29 | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 34448 | XA131 | 30 | | XA135 | 30 | | 16B | 9 | | | KXDEVS | 01 | KXDV1A | 01 | 1 | TS8 | C1 | 15A | | |
| 34943 | XA131 | 31 | | XA132 | 47 | | 16B | 9 | | | KXXB20 | 03 | KXDV1A | 01 | 2 | TS8 | C1 | 15B | | |
| 33432 | XA131 | 32 | | | | | | | | | GND | 01 | | | | TS8 | | 27A | | |
| 33187 | XA131 | 33 | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 34857 | XA131 | 34 | | XA135 | 62 | | 16B | 9 | | | KXXA0P | 05 | KXDV1A | 01 | 3 | TS8 | C1 | 16A | | |
| 34471 | XA131 | 35 | | XA123 | 71 | | 16B | 9 | | | KXDV1A | 01 | KXDV1A | 00 | 1 | TS8 | C1 | 17B | | |
| 34867 | XA131 | 36 | | XA131 | 06 | | 16B | 9 | | | KXXA1Q | 03 | KXDV1A | 01 | 4 | TS8 | C1 | 17A | | |
| 34706 | XA131 | 37 | | XA135 | 75 | | 16B | 9 | | | KXROPA | 04 | KXDV1A | 01 | 5 | TS8 | C1 | 18B | | |
| 35368 | XA131 | 38 | | XA130 | 36 | | 16B | 9 | | | SPI0141 | 07 | KXDV1A | 01 | 6 | TS8 | C1 | 18A | | |
| 33188 | XA131 | 39 | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 35438 | XA131 | 40 | | XA131 | 26 | | 16B | 9 | | | SPI0161 | 06 | KXDV1A | 01 | 7 | TS8 | C1 | 19A | | |
| 33189 | XA131 | 41 | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 35237 | XA131 | 42 | | XA144 | 52 | | 16B | 9 | | | SPI0031 | 31 | KXDV1A | 01 | 8 | TS8 | C1 | 20A | | |
| 34697 | XA131 | 43 | | | | | | | | | KXROCR | 03 | KXXACO | 01 | 1 | TS8 | D1 | 23B | | |
| CONNECTOR (XA131) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

H78-14 1071

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA131
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 57

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SPEC. INST. MISC. | SIGNAL | SEQ NO | EQUATION | TERM FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO | | |
|---------------|-----------|-----------|--------------------------------|-------|--------|-----------|------|-------|-------------|------|-------------------|---------|--------|----------|-------------|------------------|-------|---------------------|--------------------|--------------------|--------|-------|-------|
| | PREFIX | CONNECTOR | PIN | SH FC | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | | | | | | | | | | | | COLOR | IDENT |
| 33433 | | XA131 | 44 | | | | | | | | | GND | 01 | | | TS8 | | | 40A | | | | |
| 33190 | | XA131 | 45 | | | | | | | | | DNW | 01 | | | TS8 | | | | | | | |
| 34727 | | XA131 | 46 | | XA131 | 10 | | | 16B | 9 | | KXR1CR | 03 | KXXACO | 01 2 | TS8 | D1 | | 21A | | | | |
| 34848 | | XA131 | 47 | | | | | | | | | KXXACO | 02 | KXXACO | 00 1 | TS8 | D1 | | 25B | | | | |
| 34735 | | XA131 | 48 | | XA131 | 13 | | | 16B | 9 | | KXR2CR | 03 | KXXACO | 01 3 | TS8 | D1 | | 22A | | | | |
| 34743 | | XA131 | 49 | | | | | | | | | KXR3CR | 03 | KXXACO | 01 4 | TS8 | D1 | | 24B | | | | |
| 34751 | | XA131 | 50 | | XA134 | 05 | | | 16B | 9 | | KXR4CR | 03 | KXXACO | 01 5 | TS8 | D1 | | 23A | | | | |
| 33191 | | XA131 | 51 | | | | | | | | | DNW | 01 | | | TS8 | | | | | | | |
| 34762 | | XA131 | 52 | | | | | | | | | KXR5CR | 03 | KXXACO | 01 6 | TS8 | D1 | | 24A | | | | |
| 33192 | | XA131 | 53 | | | | | | | | | DNW | 01 | | | TS8 | | | | | | | |
| 34771 | | XA131 | 54 | | | | | | | | | KXR6CR | 03 | KXXACO | 01 7 | TS8 | D1 | | 25A | | | | |
| 33616 | | XA131 | 55 | | | | | | | | | KAE0BS | 04 | KPINTA | 01 1 | TS8 | F1 | | 29B | | | | |
| 34780 | | XA131 | 56 | | | | | | | | | KXR7CR | 03 | KXXACO | 01 8 | TS8 | D1 | | 26A | | | | |
| 33193 | | XA131 | 57 | | | | | | | | | DNW | 01 | | | TS8 | | | | | | | |
| 33434 | | XA131 | 58 | | | | | | | | | GND | 01 | | | TS8 | | | | | | | |
| 34081 | | XA131 | 59 | | XA113 | 74 | | | 16B | 9 | | KPINTA | 01 | KPINTA | 00 1 | TS8 | F1 | | 31B | EOB INTERRUPT ON | | | |
| 34042 | | XA131 | 60 | | XA131 | 72 | | | 16B | 9 | | KK1290 | 07 | KPINTA | 01 2 | TS8 | E1 | | 28A | | | | |
| 33972 | | XA131 | 61 | | XA131 | 73 | | | 16B | 9 | | KK08C0 | 04 | KPINTA | 01 3 | TS8 | F1 | | 32B | | | | |
| 33954 | | XA131 | 62 | | XA131 | 74 | | | 16B | 9 | | KK04F0 | 04 | KPINTA | 01 4 | TS8 | E1 | | 29A | | | | |
| 33194 | | XA131 | 63 | | | | | | | | | DNW | 01 | | | TS8 | | | | | | | |
| 33922 | | XA131 | 64 | | | | | | | | | KK03D0 | 02 | KPINTA | 01 5 | TS8 | E1 | | 30A | | | | |
| 33195 | | XA131 | 65 | | | | | | | | | DNW | 01 | | | TS8 | | | | | | | |
| 34387 | | XA131 | 66 | | XA131 | 77 | | | 16B | 9 | | KXCP3B | 02 | KPINTA | 01 6 | TS8 | E1 | | 31A | | | | |
| 33435 | | XA131 | 67 | | | | | | | | | GND | 01 | | | TS8 | | | | | | | |
| 35464 | | XA131 | 68 | | XA132 | 69 | | | 16B | 9 | | SPIO161 | 32 | KPINTA | 01 7 | TS8 | E1 | | 32A | | | | |
| 33196 | | XA131 | 69 | | | | | | | | | DNW | 01 | | | TS8 | | | | | | | |
| 35392 | | XA131 | 70 | | XA131 | 79 | | | 16B | 9 | | SPIO141 | 31 | KPINTA | 01 8 | TS8 | E1 | | 33A | | | | |
| 33630 | | XA131 | 71 | | | | | | | | | KAIENS | 12 | KIOTRA | 01 1 | TS8 | F1 | | 36A | | | | |
| 34043 | | XA131 | 72 | | | | | | | | | KK1290 | 08 | KIOTRA | 01 2 | TS8 | F1 | | 34A | | | | |
| 33973 | | XA131 | 73 | | XA135 | 71 | | | 16B | 9 | | KK08C0 | 05 | KIOTRA | 01 3 | TS8 | F1 | | 34B | | | | |
| 33955 | | XA131 | 74 | | | | | | | | | KK04F0 | 05 | KIOTRA | 01 4 | TS8 | F1 | | 35B | | | | |
| 33925 | | XA131 | 75 | | | | | | | | | KK03E0 | 03 | KIOTRA | 01 5 | TS8 | F1 | | 37B | | | | |
| 33879 | | XA131 | 76 | | | | | | | | M | KIOTRA | 01 | KIOTRA | 00 1 | TS8 | F1 | | 37A | | | | |
| 34388 | | XA131 | 77 | | XA125 | 79 | | | 16B | 9 | | KXCP3B | 03 | KIOTRA | 01 6 | TS8 | F1 | | 38B | | | | |
| 35463 | | XA131 | 78 | | XA131 | 68 | | | 16B | 9 | | SPIO161 | 31 | KIOTRA | 01 7 | TS8 | F1 | | 38A | | | | |
| 35393 | | XA131 | 79 | | XA138 | 74 | | | 16B | 9 | | SPIO141 | 32 | KIOTRA | 01 8 | TS8 | F1 | | 39B | | A02 | | |
| 33197 | | XA131 | 80 | | | | | | | | | DNW | 01 | | | TS8 | | | | | | | |
| 34560 | | XA132 | 01 | | | | | | | | | KXINHR | 07 | KXINHS | 01 1 | TT3 | A2 | | 02B | | | | |
| 33436 | | XA132 | 02 | | | | | | | | | GND | 01 | | | TT3 | | | 01B | | | | |
| 34641 | | XA132 | 03 | | XA130 | 20 | | | 16B | 9 | | KXRSOB | 14 | KXINHS | 01 2 | TT3 | A2 | | 02A | | | | |
| 35019 | | XA132 | 04 | | XA139 | 08 | | | 16B | 9 | | KXXDR0 | 01 | KXXDR0 | 00 1 | TT3 | A1 | | 04A | | | | |
| 35078 | | XA132 | 05 | | XA132 | 48 | | | 16B | 9 | | KXONL0 | 01 | KXINHS | 01 3 | TT3 | A2 | | 03B | | | | |
| 34994 | | XA132 | 06 | | XA124 | 03 | | | 16B | 9 | | KXXODP | 01 | KXXDR0 | 01 1 | TT3 | A1 | | 05A | | | | |
| 34561 | | XA132 | 07 | | XA135 | 11 | | | 16B | 9 | | KXINHS | 01 | KXINHS | 00 1 | TT3 | A2 | | 03A | DATA SEND INHIBIT | | | |
| 35008 | | XA132 | 08 | | | | | | | | | KXXDIP | 06 | KXXDR0 | 01 2 | TT3 | A1 | | 06A | | | | |
| 34340 | | XA132 | 09 | | XA132 | 21 | | | 16B | 9 | | KXCA10 | 01 | KXDV5A | 01 1 | TT3 | A3 | | 04B | | | | |
| 35025 | | XA132 | 10 | | | | | | | | | KXXDSP | 05 | KXXDR0 | 01 3 | TT3 | A1 | | 07A | | | | |
| 34453 | | XA132 | 11 | | | | | | | | | KXDEVO | 03 | KXDV5A | 01 2 | TT3 | A3 | | 05B | | | | |
| | CONNECTOR | XA132 | CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | | |

H78-14 1072

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA132
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 58

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | TEST POINTS | SIGNAL | SEQ NO | EQUATION | TERM FACTOR | CMT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|---------------------------------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|-------------|--------|---------|----------|-------------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | INTFC | PREFIX | CONNECTOR | PIN | INTFC | MULTI-GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 33079 | XA132 | 12 | | | | | | | | | | | +5V | 01 | | | | TT3 | | | | | |
| 34459 | XA132 | 13 | | | XA127 | 30 | | | | 16B | 9 | | KXDVC0 | 01 | KXDV5A | 01 3 | TT3 | A3 | | 06B | | | |
| 34263 | XA132 | 14 | | | XA240 | 36 | | | | 16B | 9 | | KXBCMOX | 01 | KXBRS A | 01 1 | TT3 | B2 | | 09A | | | |
| 34483 | XA132 | 15 | | | | | | | | | | | KXDV5A | 02 | KXDV5A | 00 1 | TT3 | A3 | | 07B | SET DEV COMND F/F | | |
| 33437 | XA132 | 16 | | | | | | | | | | | GND | 01 | | | TT3 | | | 21B | | | |
| 34267 | XA132 | 17 | | | XA240 | 31 | | | | 16B | 9 | | KXBENOX | 01 | KXBRS A | 01 2 | TT3 | B2 | | 08B | | | |
| 34299 | XA132 | 18 | | | XA137 | 01 | | | | 16B | 9 | | KXSSL0X | 01 | KXBRS A | 01 3 | TT3 | B2 | | 10A | | | |
| 34294 | XA132 | 19 | | | | | | | | | | | KXBRS A | 02 | KXBRS A | 00 1 | TT3 | B2 | | 09B | PORT B IOU RESET | | |
| 34188 | XA132 | 20 | | | | | | | | | | | KXARSA | 02 | KXARSA | 00 1 | TT3 | B1 | | 11A | PORT A IOU RESET | | |
| 34341 | XA132 | 21 | | | XA132 | 29 | | | | 16B | 9 | | KXCA10 | 02 | KXIROA | 01 1 | TT3 | B3 | | 10B | | | |
| 34149 | XA132 | 22 | | | XA241 | 36 | | | | 16B | 9 | | KXACMOX | 01 | KXARSA | 01 1 | TT3 | B1 | | 12A | | | |
| 34566 | XA132 | 23 | | | | | | | | | | | KXIRCO | 02 | KXIROA | 01 2 | TT3 | B3 | | 11B | | | |
| 34157 | XA132 | 24 | | | XA241 | 31 | | | | 16B | 9 | | KXAENOX | 01 | KXARSA | 01 2 | TT3 | B1 | | 13A | | | |
| 34445 | XA132 | 25 | | | | | | | | | | | KXDEVA | 06 | KXIROA | 01 3 | TT3 | B3 | | 12B | | | |
| 34199 | XA132 | 26 | | | | | | | | | | | KXASLOX | 07 | KXARSA | 01 3 | TT3 | B1 | | 14A | | | |
| 34567 | XA132 | 27 | | | XA128 | 27 | | | | 16B | 9 | | KXIROA | 01 | KXIROA | 00 1 | TT3 | B3 | | 13B | COMMAND IS ITR | | |
| 33080 | XA132 | 28 | | | | | | | | | | | +5V | 01 | | | TT3 | | | | | | |
| 34342 | XA132 | 29 | | | XA135 | 27 | | | | 16B | 9 | | KXCA10 | 03 | KXHSOA | 01 1 | TT3 | C2 | | 14B | | | |
| 34550 | XA132 | 30 | | | XA126 | 52 | | | | 16B | 9 | | KXHSTO | 01 | KXHSOA | 01 2 | TT3 | C2 | | 15A | | | |
| 34552 | XA132 | 31 | | | XA131 | 14 | | | | 16B | 9 | | KXHSOA | 01 | KXHSOA | 00 1 | TT3 | C2 | | 15B | | | |
| 33438 | XA132 | 32 | | | | | | | | | | | GND | 01 | | | TT3 | | | 27A | | | |
| 35073 | XA132 | 33 | | | XA135 | 33 | | | | 16B | 9 | | KXOFRS | 03 | KXODEA | 01 1 | TT3 | C3 | | 16B | | | |
| 34444 | XA132 | 34 | | | XA132 | 25 | | | | 16B | 9 | | KXDEVA | 05 | KXHSOA | 01 3 | TT3 | C2 | | 16A | | | |
| 34711 | XA132 | 35 | | | XA125 | 05 | | | | 16B | 9 | | KXROPPR | 03 | KXODEA | 01 2 | TT3 | C3 | | 17B | | | |
| 34492 | XA132 | 36 | | | XA128 | 17 | | | | 16B | 9 | | KXEBOA | 01 | KXEBOA | 00 1 | TT3 | C1 | | 17A | COMMAND IS EOB | | |
| 34890 | XA132 | 37 | | | XA132 | 49 | | | | 16B | 9 | | KXXA50 | 03 | KXGDEA | 01 3 | TT3 | C3 | | 18B | | | |
| 34344 | XA132 | 38 | | | XA125 | 37 | | | | 16B | 9 | | KXCA10 | 05 | KXEBOA | 01 1 | TT3 | C1 | | 18A | | | |
| 35058 | XA132 | 39 | | | XA122 | 73 | | | | 16B | 9 | | KXODEA | 01 | KXODEA | 00 1 | TT3 | C3 | | 19B | QER DATA PARITY | | |
| 34512 | XA132 | 40 | | | XA127 | 52 | | | | 16B | 9 | | KXE0B0 | 01 | KXEBOA | 01 2 | TT3 | C1 | | 19A | | | |
| 34631 | XA132 | 41 | | | XA132 | 56 | | | | 16B | 9 | | KXRSOB | 04 | KXINOA | 01 1 | TT3 | D2 | | 22B | | | |
| 34443 | XA132 | 42 | | | XA132 | 34 | | | | 16B | 9 | | KXDEVA | 04 | KXEBOA | 01 3 | TT3 | C1 | | 20A | | | |
| 34564 | XA132 | 43 | | | | | | | | | | | KXINOA | 02 | KXINOA | 00 1 | TT3 | D2 | | 23B | | | |
| 33439 | XA132 | 44 | | | | | | | | | | | GND | 01 | | | TT3 | | | 40A | | | |
| 35072 | XA132 | 45 | | | XA132 | 33 | | | | 16B | 9 | | KXOFRS | 02 | KXOD0A | 01 1 | TT3 | D3 | | 24B | | | |
| 34597 | XA132 | 46 | | | | | | | | | | | KXRCMS | 04 | KXINOA | 01 2 | TT3 | D2 | | 21A | | | |
| 34944 | XA132 | 47 | | | XA139 | 69 | | | | 16B | 9 | | KXXB20 | 04 | KXOD0A | 01 2 | TT3 | D3 | | 25B | | | |
| 35079 | XA132 | 48 | | | XA127 | 51 | | | | 16B | 9 | | KXONL0 | 02 | KXINOA | 01 3 | TT3 | D2 | | 22A | | | |
| 34891 | XA132 | 49 | | | XA138 | 75 | | | | 16B | 9 | | KXXA50 | 04 | KXOD0A | 01 3 | TT3 | D3 | | 24B | | | |
| 34900 | XA132 | 50 | | | | | | | | | | | KXXBC0 | 02 | KXXBC0 | 00 1 | TT3 | D1 | | 23A | | | |
| 35068 | XA132 | 51 | | | | | | | | | | | KXOD0A | 06 | KXOD0A | 00 1 | TT3 | D3 | | 27B | QER DATA STROBE | | |
| 34590 | XA132 | 52 | | | XA137 | 49 | | | | 16B | 9 | | KXRCMR | 01 | KXXBC0 | 01 1 | TT3 | D1 | | 24A | | | |
| 35473 | XA132 | 53 | | | XA132 | 66 | | | | 16B | 9 | | SPI0171 | 05 | | 01 1 | TT3 | E2 | | 28B | | | |
| 34598 | XA132 | 54 | | | XA137 | 52 | | | | 16B | 9 | | KXRENR | 01 | KXXBC0 | 01 2 | TT3 | D1 | | 25A | | | |
| 36776 | XA132 | 55 | | | | | | | | | | | SPO | 01 | | 00 1 | TT3 | E2 | | 29B | | | |
| 34632 | XA132 | 56 | | | XA137 | 50 | | | | 16B | 9 | | KXRSOB | 05 | KXXBC0 | 01 3 | TT3 | D1 | | 26A | | | |
| 34952 | XA132 | 57 | | | XA129 | 47 | | | | 16B | 9 | | KXXC1P | 01 | KXDBIO | 01 1 | TT3 | E3 | | 30B | | | |
| 33440 | XA132 | 58 | | | | | | | | | | | GND | 01 | | | TT3 | | | 40B | | | |
| 35007 | XA132 | 59 | | | XA132 | 08 | | | | 16B | 9 | | KXXDIP | 05 | KXDBIO | 01 2 | TT3 | E3 | | 31B | | | |
| 35389 | XA132 | 60 | | | XA132 | 68 | | | | 16B | 9 | | SPT0141 | 28 | | 01 2 | TT3 | E2 | | 28A | | | |
| 35024 | XA132 | 61 | | | XA132 | 10 | | | | 16B | 9 | | KXXDSP | 04 | KXDBIO | 01 3 | TT3 | E3 | | 32B | | | |
| CONNECTOR | XA132 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA132
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 59

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SFC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------------|--------|---------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DR FC | PREFIX | CONNECTOR | PIN | DR FC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | |
| 35467 | | XA132 | 62 | | | | | | | | | | SPIO161 | 35 | | | | 01 3 | TT3 | F2 | | 29A | | |
| 34420 | | XA132 | 63 | | XA144 | 63 | | | 16B | 9 | | | KXDBIO | 03 | KXDBIO | | | 00 1 | TT3 | F3 | | 33B | INPUT INDICATOR CO | |
| 36777 | | XA132 | 64 | | | | | | | | | SPO | 01 | | | | | 00 1 | TT3 | E1 | | 30A | | |
| 34125 | | XA132 | 65 | | XA125 | 77 | | | 16B | 9 | | | KSNC2S | 01 | KSC11A | | | 01 1 | TT3 | F2 | | 34B | | |
| 35474 | | XA132 | 66 | | XA132 | 78 | | | 16B | 9 | | | SPIO171 | 06 | | | | 01 1 | TT3 | E1 | | 31A | | |
| 33441 | | XA132 | 67 | | | | | | | | | | GND | 01 | | | | | | | | | | |
| 35390 | | XA132 | 68 | | XA132 | 76 | | | 16B | 9 | | | SPIO141 | 29 | | | | 01 2 | TT3 | F1 | | 32A | | |
| 35465 | | XA132 | 69 | | XA132 | 70 | | | 16B | 9 | | | SPIO161 | 33 | | | | 01 1 | TT3 | F3 | | 35A | | |
| 35466 | | XA132 | 70 | | XA132 | 62 | | | 16B | 9 | | | SPIO161 | 34 | | | | 01 3 | TT3 | E1 | | 33A | | |
| 33656 | | XA132 | 71 | | | | | | | | | | KBUSYR | 04 | KSC11A | | | 01 2 | TT3 | F2 | | 36A | | |
| 34386 | | XA132 | 72 | | XA131 | 66 | | | 16B | 9 | | | KXCP3B | 01 | KSC11A | | | 01 3 | TT3 | F2 | | 34A | | |
| 33909 | | XA132 | 73 | | XA127 | 76 | | | 16B | 9 | | | KKTCRO | 01 | KKTCRO | | | 00 1 | TT3 | F1 | | 36B | | |
| 34101 | | XA132 | 74 | | | | | | | | | | KSC11A | 02 | KSC11A | | | 00 1 | TT3 | F2 | | 35B | NOT BUSY COMMAND | |
| 33606 | | XA132 | 75 | | | | | | | | | | KAEN5A | 03 | KKTCRO | | | 01 1 | TT3 | F1 | | 37B | | |
| 35391 | | XA132 | 76 | | XA131 | 70 | | | 16B | 9 | | | SPIO141 | 30 | | | | 01 2 | TT3 | F3 | | 37A | | |
| 33840 | | XA132 | 77 | | XA124 | 64 | | | 16B | 9 | | | KIENSA | 01 | KKTCRO | | | 01 2 | TT3 | F1 | | 38B | | |
| 35475 | | XA132 | 78 | | XA144 | 61 | | | 16B | 9 | | | SPIO171 | 07 | | | | 01 3 | TT3 | F3 | | 38A | | |
| 34099 | | XA132 | 79 | | XA234 | 50 | | | 16B | 9 | | | SPIO172 | 01 | KKTCRO | | | 01 3 | TT3 | F1 | | 39B | | |
| 36778 | | XA132 | 80 | | | | | | | | | | SPO | 01 | | | | 00 1 | TT3 | F3 | | 39A | | |
| 33198 | | XA133 | 01 | | | | | | | | | | DNW | 01 | | | | | | | | | | |
| 33442 | | XA133 | 02 | | | | | | | | | | GND | 01 | | | | | | | | | | |
| 33990 | | XA133 | 03 | | XA134 | 60 | | | 16B | 9 | | | KK12B3U | 01 | KK1202T | | | 01 1 | DBC | A3 | | 01A | | |
| 33984 | | XA133 | 04 | | XA134 | 54 | | | 16B | 9 | | | KK12B1U | 01 | KK1200T | | | 01 1 | DBC | A1 | | 02A | | |
| 33996 | | XA133 | 05 | | | | | | | | | | KK12B4U | 04 | KK1203T | | | 01 1 | DBC | A4 | | 03B | | |
| 33989 | | XA133 | 06 | | | | | | | | | | KK12B2U | 03 | KK1201T | | | 01 1 | DBC | A2 | | 03A | | |
| 34010 | | XA133 | 07 | | | | | | | | | | KK1205T | 02 | KK1205T | | | 00 1 | DBC | A6 | | 04B | | |
| 33999 | | XA133 | 08 | | XA119 | 24 | | | 16B | 9 | | | KK1200T | 01 | KK1200T | | | 00 1 | DBC | A1 | | 04A | KK12 BITS STATE DE | |
| 34011 | | XA133 | 09 | | XA119 | 29 | | | 16B | 9 | | | KK1206T | 01 | KK1206T | | | 00 1 | DBC | A7 | | 05B | | |
| 34002 | | XA133 | 10 | | | | | | | | | | KK1201T | 02 | KK1201T | | | 00 1 | DBC | A2 | | 05A | | |
| 34014 | | XA133 | 11 | | | | | | | | | | KK1207T | 02 | KK1207T | | | 00 1 | DBC | A8 | | 06B | | |
| 33081 | | XA133 | 12 | | | | | | | | | | +5V | 01 | | | | | | | | 08A | | |
| 34006 | | XA133 | 13 | | | | | | | | | | KK1203T | 02 | KK1203T | | | 00 1 | DBC | A4 | | 07A | | |
| 34003 | | XA133 | 14 | | XA119 | 17 | | | 16B | 9 | | | KK1202T | 01 | KK1202T | | | 00 1 | DBC | A3 | | 06A | | |
| 34015 | | XA133 | 15 | | XA119 | 54 | | | 16B | 9 | | | KK1208T | 01 | KK1208T | | | 00 1 | DBC | A9 | | 07B | | |
| 33443 | | XA133 | 16 | | | | | | | | | | GND | 01 | | | | | | | | 01B | | |
| 34007 | | XA133 | 17 | | XA119 | 40 | | | 16B | 9 | | | KK1204T | 01 | KK1204T | | | 00 1 | DBC | A5 | | 08B | | |
| 34018 | | XA133 | 18 | | | | | | | | | | KK1209T | 02 | KK1209T | | | 00 1 | DBC | A0 | | 09A | | |
| 34764 | | XA133 | 19 | | XA236 | 50 | | | 16B | 9 | | | KXR5CS | 02 | KXR092T | | | 01 1 | DBC | B3 | | 09B | | |
| 34782 | | XA133 | 20 | | XA236 | 46 | | | 16B | 9 | | | KXR7CS | 02 | KXR090T | | | 01 1 | DBC | B1 | | 10A | | |
| 34754 | | XA133 | 21 | | XA236 | 52 | | | 16B | 9 | | | KXR4CS | 02 | KXR093T | | | 01 1 | DBC | B4 | | 10B | | |
| 34773 | | XA133 | 22 | | XA236 | 48 | | | 16B | 9 | | | KXR6CS | 02 | KXR091T | | | 01 1 | DBC | B2 | | 11A | | |
| 36876 | | XA133 | 23 | | | | | | | | | M | KXR095T | 01 | KXR095T | | | 00 1 | DBC | B6 | | 11B | | |
| 34714 | | XA133 | 24 | | | | | | | | | M | KXR090T | 02 | KXR090T | | | 00 1 | DBC | B1 | | 12A | | |
| 36877 | | XA133 | 25 | | | | | | | | | | KXR096T | 01 | KXR096T | | | 00 1 | DBC | B7 | | 12B | | |
| 34715 | | XA133 | 26 | | XA126 | 54 | | | 16B | 9 | | | KXR091T | 01 | KXR091T | | | 00 1 | DBC | B2 | | 13A | | |
| 34718 | | XA133 | 27 | | | | | | | | | | KXR092T | 02 | KXR092T | | | 00 1 | DBC | B3 | | 14A | | |
| 33082 | | XA133 | 28 | | | | | | | | | | +5V | 01 | | | | | | | | 08A | | |
| 34722 | | XA133 | 29 | | | | | | | | | | KXR097T | 02 | KXR097T | | | 00 1 | DBC | B8 | | 13B | | |
| CONNECTOR XA133 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA133
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 60

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO | |
|---------------|--------|-----------------|-----|-------|----------------------------|-----------|-----|-------|------|-------------|------|-------|--------|--------|----------|------|---------|------------------|-------|---------------------|--------------------|--------------------|--------|-------|
| | PREFIX | CONNECTOR | PIN | DI TO | PREFIX | CONNECTOR | PIN | DI TO | SIZE | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | IDENT |
| 36875 | | XA133 | 30 | | | | | | | | | | | | | | | | | | | | | |
| 34723 | | XA133 | 31 | | XA127 | 29 | | | | | 16B | 9 | | M | KXR093T | 01 | KXR093T | 00 | 1 | DBC | B4 | | 15A | |
| 33444 | | XA133 | 32 | | | | | | | | | | | | KXR098T | 01 | KXR098T | 00 | 1 | DBC | B9 | | 14B | |
| 34720 | | XA133 | 33 | | | | | | | | | | | | GND | 01 | | | | DBC | | | 27A | |
| 36878 | | XA133 | 34 | | | | | | | | | | | | KXR094T | 02 | KXR094T | 00 | 1 | DBC | B5 | | 16A | |
| 33901 | | XA133 | 35 | | XA128 | 50 | | | | | 16B | 9 | | M | KXR099T | 01 | KXR099T | 00 | 1 | DBC | B0 | | 15B | |
| 33920 | | XA133 | 36 | | | | | | | | | | | | KK03B5U | 02 | KK03B5U | 00 | 1 | DBC | C5 | | 17A | |
| 34365 | | XA133 | 37 | | XA129 | 42 | | | | | 16B | 9 | | | KK03B5U | 02 | KK03B5U | 00 | 1 | DBC | C5 | | 16B | |
| 33912 | | XA133 | 38 | | | | | | | | | | | | KXCP1B | 09 | KK03B2U | 01 | 1 | DBC | C2 | | 17B | |
| 35367 | | XA133 | 39 | | XA131 | 38 | | | | | 16B | 9 | | | KK03B1U | 02 | KK03B1U | 00 | 1 | DBC | C1 | | 18A | |
| 35115 | | XA133 | 4T | | | | | | | | | | | | SPI0141 | 06 | KK03B1U | 01 | 1 | DBC | C1 | | 18B | |
| 35116 | | XA133 | 4T | | | | | | | | | | | | SPA | 01 | KK1204T | 01 | 1 | DBC | A5 | | | |
| 33913 | | XA133 | 40 | | XA134 | 22 | | | | | 16B | 9 | | | SPA | 01 | KXR094T | 01 | 1 | DBC | B5 | | | |
| 35479 | | XA133 | 41 | | XA138 | 65 | | | | | 16B | 9 | | | KK03B2U | 01 | KK03B2U | 00 | 1 | DBC | C2 | | 19A | |
| 33916 | | XA133 | 42 | | | | | | | | | | | | SPI0181 | 01 | KK03B1U | 01 | 2 | DBC | C1 | | 19B | |
| 35270 | | XA133 | 43 | | XA128 | 41 | | | | | 16B | 9 | | | KK03B3U | 02 | KK03B3U | 00 | 1 | DBC | C3 | | 20A | |
| 33445 | | XA133 | 44 | | | | | | | | | | | | SPI0051 | 07 | KK03B1U | 01 | 3 | DBC | C1 | | 22B | |
| 35246 | | XA133 | 45 | | XA129 | 29 | | | | | 16B | 9 | | | GND | 01 | | | | DBC | | | 40B | |
| 33918 | | XA133 | 46 | | | | | | | | | | | | SPI0041 | 08 | KK03B1U | 01 | 4 | DBC | C1 | | 23B | |
| 35502 | | XA133 | 47 | | XA139 | 13 | | | | | 16B | 9 | | | KK03B4U | 02 | KK03B4U | 00 | 1 | DBC | C4 | | 21A | |
| 35501 | | XA133 | 48 | | XA135 | 78 | | | | | 16B | 9 | | | SPI0201 | 00 | KK03B3U | 01 | 1 | DBC | C3 | | 23A | |
| 33898 | | XA133 | 49 | | XA134 | 49 | | | | | 16B | 9 | | | KK00BQ | 02 | KK03B4U | 01 | 1 | DBC | C4 | | 22A | |
| 35117 | | XA133 | 5T | | | | | | | | | | | | KK08B5U | 01 | KK08B5U | 01 | 1 | DBC | D5 | | 24B | |
| 35118 | | XA133 | 5T | | | | | | | | | | | | SPA | 01 | KXR095T | 01 | 1 | DBC | B6 | | | |
| 35472 | | XA133 | 50 | | XA132 | 53 | | | | | 16B | 9 | | | SPA | 01 | KK1205T | 01 | 1 | DBC | A6 | | | |
| 34362 | | XA133 | 51 | | XA134 | 51 | | | | | 16B | 9 | | | SPI0171 | 04 | KK03B1U | 01 | 5 | DBC | C1 | | 24A | |
| 36804 | | XA133 | 52 | | | | | | | | | | | | KXCP1B | 06 | KK08B2U | 01 | 1 | DBC | D2 | | 25B | |
| 34523 | | XA133 | 53 | | XA128 | 40 | | | | | 16B | 9 | | M | KK08B5U | 01 | KK08B5U | 00 | 1 | DBC | D5 | | 25A | |
| 33958 | | XA133 | 54 | | | | | | | | | | | | KXGN1A | 10 | KK08B1U | 01 | 1 | DBC | D1 | | 26B | |
| 34532 | | XA133 | 55 | | XA133 | 79 | | | | | 16B | 9 | | | KK08B1U | 03 | KK08B1U | 00 | 1 | DBC | D1 | | 26A | |
| 33959 | | XA133 | 56 | | XA124 | 54 | | | | | 16B | 9 | | | KXGN2A | 07 | KK08B1U | 01 | 2 | DBC | D1 | | 27B | |
| 34543 | | XA133 | 57 | | XA134 | 57 | | | | | 16B | 9 | | | KK08B2U | 01 | KK08B2U | 00 | 1 | DBC | D2 | | 28B | |
| 33446 | | XA133 | 58 | | | | | | | | | | | | KXGN3A | 08 | KK08B1U | 01 | 3 | DBC | D1 | | 29B | |
| 34549 | | XA133 | 59 | | | | | | | | | | | | GND | 01 | | | | DBC | | | | |
| 35119 | | XA133 | 6T | | | | | | | | | | | | KXGN4A | 03 | KK08B1U | 01 | 4 | DBC | D1 | | 30B | |
| 35120 | | XA133 | 6T | | | | | | | | | | | | SPA | 01 | KXR096T | 01 | 1 | DBC | B7 | | | |
| 33962 | | XA133 | 60 | | XA124 | 52 | | | | | 16B | 9 | | | SPA | 01 | KK1206T | 01 | 1 | DBC | A7 | | | |
| 35503 | | XA133 | 61 | | XA134 | 61 | | | | | 16B | 9 | | | KK08B3U | 01 | KK08B3U | 00 | 1 | DBC | D3 | | 28A | |
| 33965 | | XA133 | 62 | | XA115 | 06 | | | | | 16B | 9 | | | SPI0181 | 25 | KK08B3U | 01 | 1 | DBC | D3 | | 31B | |
| 33889 | | XA133 | 63 | | XA122 | 68 | | | | | 16B | 9 | | | KK08B4U | 01 | KK08B4U | 00 | 1 | DBC | D4 | | 29A | |
| 33945 | | XA133 | 64 | | | | | | | | | | | | KKPE0A | 02 | KK08B1U | 01 | 5 | DBC | D1 | | 31A | |
| 33199 | | XA133 | 65 | | XA134 | 36 | | | | | 16B | 9 | | | KK04B5U | 02 | KK08B4U | 01 | 1 | DBC | D4 | | 30A | |
| 35505 | | XA133 | 66 | | XA134 | 66 | | | | | 16B | 9 | | | DNW | 01 | | | | DBC | | | | |
| 33447 | | XA133 | 67 | | | | | | | | | | | | SPI0181 | 27 | KXS475U | 01 | 1 | DBC | E5 | | 32B | |
| 36882 | | XA133 | 68 | | | | | | | | | | | | GND | 01 | | | | DBC | | | | |
| 34790 | | XA133 | 69 | | XA127 | 39 | | | | | 16B | 9 | | M | KXS475U | 01 | KXS475U | 00 | 1 | DBC | E5 | | 33A | |
| 35121 | | XA133 | 7T | | | | | | | | | | | | KXSK00 | 02 | KXS472U | 01 | 1 | DBC | E2 | | 32A | |
| 35122 | | XA133 | 7T | | | | | | | | | | | | SPA | 01 | KXR097T | 01 | 1 | DBC | B8 | | | |
| 34827 | | XA133 | 70 | | | | | | | | | | | | SPA | 01 | KK1207T | 01 | 1 | DBC | A8 | | | |
| 34432 | | XA133 | 71 | | XA116 | 73 | | | | | 16B | 9 | | | KXS471U | 04 | KXS471U | 00 | 1 | DBC | E1 | | 34A | |
| | | | | | | | | | | | | | | | KXDB4TA | 01 | KXS471U | 01 | 1 | DBC | E1 | | 33B | |
| | | CONNECTOR XA133 | | | CONTINUED ON THE NEXT PAGE | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA133
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 61

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SPE. INST. MISC. | SIGNAL | SEQ NO. | EQUATION | TERM. | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO. |
|---------------|--------|-----------|---------------------------------|------|--------|-----------|-----|------|-------------|------|-------|-------|------------------|---------|---------|----------|-------|--------|------------------|-------|---------------------|--------------------|--------------------|---------|
| | PREFIX | CONNECTOR | PIN | DATE | PREFIX | CONNECTOR | PIN | DATE | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | |
| 34828 | | XA133 | 72 | | | | | | | | | | | KXS472U | 01 | KXS472U | 00 | 1 | DBC | E2 | | 35A | | |
| 34435 | | XA133 | 73 | | XA236 | 36 | | | 16B | 9 | | | | KXDB4TB | 02 | KXS471U | 01 | 2 | DBC | E1 | | 34B | | |
| 34835 | | XA133 | 74 | | | | | | | | | | | KXS473U | 04 | KXS473U | 00 | 1 | DBC | E3 | | 36A | | |
| 34436 | | XA133 | 75 | | XA116 | 74 | | | 16B | 9 | | | | KXDB4TC | 01 | KXS471U | 01 | 3 | DBC | E1 | | 35B | | |
| 34836 | | XA133 | 76 | | XA236 | 30 | | | 16B | 9 | | | | KXS474U | 01 | KXS474U | 00 | 1 | DBC | E4 | | 37A | | |
| 34439 | | XA133 | 77 | | | | | | | | | | | KXDB4TD | 02 | KXS471U | 01 | 4 | DBC | E1 | | 36B | | |
| 34545 | | XA133 | 78 | | XA134 | 78 | | | 16B | 9 | | | | KXGN3A | 10 | KXS474U | 01 | 1 | DBC | E4 | | 38A | | |
| 34533 | | XA133 | 79 | | XA134 | 79 | | | 16B | 9 | | | | KXGN2A | 08 | KXS473U | 01 | 1 | DBC | E3 | | 37B | | |
| 35123 | | XA133 | 8T | | | | | | | | | | | SPA | 01 | KXR098T | 01 | 1 | DBC | B9 | | | | |
| 35124 | | XA133 | 8T | | | | | | | | | | | SPA | 01 | KK1208T | 01 | 1 | DBC | A9 | | | | |
| 34521 | | XA133 | 80 | | XA134 | 53 | | | 16B | 9 | | | | KXGN1A | 08 | KXS471U | 01 | 5 | DBC | E1 | | 38B | | |
| 35125 | | XA133 | 9T | | | | | | | | | | | SPA | 01 | KK1209T | 01 | 1 | DBC | A0 | | | | |
| 35126 | | XA133 | 9T | | | | | | | | | | | SPA | 01 | KXR099T | 01 | 1 | DBC | B0 | | | | |
| 33200 | | XA134 | 01 | | | | | | | | | | | DNW | 01 | | | | DBC | | | | | |
| 33448 | | XA134 | 02 | | | | | | | | | | | GND | 01 | | | | DBC | | | 01A | | |
| 34763 | | XA134 | 03 | | XA133 | 19 | | | 16B | 9 | | | | KXR5CS | 01 | KXRAF2T | 01 | 1 | DBC | A3 | | 02B | | |
| 34781 | | XA134 | 04 | | XA133 | 20 | | | 16B | 9 | | | | KXR7CS | 01 | KXRAF0T | 01 | 1 | DBC | A1 | | 02A | | |
| 34752 | | XA134 | 05 | | | | | | | | | | | KXR4CR | 04 | KXRAF3T | 01 | 1 | DBC | A4 | | 03B | | |
| 34772 | | XA134 | 06 | | XA133 | 22 | | | 16B | 9 | | | | KXR6CS | 01 | KXRAF1T | 01 | 1 | DBC | A2 | | 03A | | |
| 34584 | | XA134 | 07 | | | | | | | | | | | KXRAF5T | 03 | KXRAE5T | 00 | 1 | DBC | A6 | | 04B | | |
| 36868 | | XA134 | 08 | | | | | | | | | M | | KXRAF0T | 01 | KXRAF0T | 00 | 1 | DBC | A1 | | 04A | DATA BYTE DECODER | |
| 34586 | | XA134 | 09 | | | | | | | | | | | KXRAF6T | 02 | KXRAF6T | 00 | 1 | DBC | A7 | | 05B | | |
| 36869 | | XA134 | 10 | | | | | | | | | M | | KXRAF1T | 01 | KXRAF1T | 00 | 1 | DBC | A2 | | 05A | | |
| 34589 | | XA134 | 11 | | | | | | | | | | | KXRAF7T | 03 | KXRAF7T | 00 | 1 | DBC | A8 | | 06B | | |
| 33083 | | XA134 | 12 | | | | | | | | | | | +5V | 01 | | | | DBC | | | 08A | | |
| 36871 | | XA134 | 13 | | | | | | | | | M | | KXRAF3T | 01 | KXRAF3T | 00 | 1 | DBC | A4 | | 07A | | |
| 36870 | | XA134 | 14 | | | | | | | | | M | | KXRAF2T | 01 | KXRAF2T | 00 | 1 | DBC | A3 | | 06A | | |
| 36873 | | XA134 | 15 | | | | | | | | | M | | KXRAF8T | 01 | KXRAF8T | 00 | 1 | DBC | A9 | | 07B | | |
| 33449 | | XA134 | 16 | | | | | | | | | | | GND | 01 | | | | DBC | | | 01B | | |
| 36872 | | XA134 | 17 | | | | | | | | | M | | KXRAF4T | 01 | KXRAF4T | 00 | 1 | DBC | A5 | | 08B | | |
| 36874 | | XA134 | 18 | | | | | | | | | | | KXRAF9T | 01 | KXRAF9T | 00 | 1 | DBC | A0 | | 09A | | |
| 33915 | | XA134 | 19 | | XA133 | 42 | | | 16B | 9 | | | | KK03B3U | 01 | KK0302T | 01 | 1 | DBC | B3 | | 09B | | |
| 33911 | | XA134 | 20 | | XA133 | 38 | | | 16B | 9 | | | | KK03B1U | 01 | KK0300T | 01 | 1 | DBC | B1 | | 10A | | |
| 33929 | | XA134 | 21 | | | | | | | | | | | KK03QA | 02 | KK0303T | 01 | 1 | DBC | B4 | | 10B | | |
| 33914 | | XA134 | 22 | | | | | | | | | | | KK03B2U | 02 | KK0301T | 01 | 1 | DBC | B2 | | 11A | | |
| 33931 | | XA134 | 23 | | | | | | | | | | | KK0305T | 02 | KK0305T | 00 | 1 | DBC | B6 | | 11B | | |
| 36797 | | XA134 | 24 | | | | | | | | | M | | KK0300T | 01 | KK0300T | 00 | 1 | DBC | B1 | | 12A | KK03 BITS STATE DE | |
| 33932 | | XA134 | 25 | | XA119 | 04 | | | 16B | 9 | | | | KK0306T | 01 | KK0306T | 00 | 1 | DBC | B7 | | 12B | | |
| 36798 | | XA134 | 26 | | | | | | | | | M | | KK0301T | 01 | KK0301T | 00 | 1 | DBC | B2 | | 13A | | |
| 36799 | | XA134 | 27 | | | | | | | | | M | | KK0302T | 01 | KK0302T | 00 | 1 | DBC | B3 | | 14A | | |
| 33084 | | XA134 | 28 | | | | | | | | | | | +5V | 01 | | | | DBC | | | 08A | | |
| 33935 | | XA134 | 29 | | | | | | | | | | | KK0307T | 02 | KK0307T | 00 | 1 | DBC | B8 | | 13B | | |
| 36800 | | XA134 | 30 | | | | | | | | | M | | KK0303T | 01 | KK0303T | 00 | 1 | DBC | B4 | | 15A | | |
| 36802 | | XA134 | 31 | | | | | | | | | M | | KK0308T | 01 | KK0308T | 00 | 1 | DBC | B9 | | 14B | | |
| 33450 | | XA134 | 32 | | | | | | | | | | | GND | 01 | | | | DBC | | | 27A | | |
| 36801 | | XA134 | 33 | | | | | | | | | M | | KK0304T | 01 | KK0304T | 00 | 1 | DBC | B5 | | 14A | | |
| 36803 | | XA134 | 34 | | | | | | | | | M | | KK0309T | 01 | KK0309T | 00 | 1 | DBC | B0 | | 15B | | |
| 33900 | | XA134 | 35 | | XA133 | 35 | | | 16B | 9 | | | | KKTCPP | 03 | KK0485U | 01 | 1 | DBC | C5 | | 16B | | |
| CONNECTOR | | XA134 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA134
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 62

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------|--------|----------|------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FC | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 33946 | | XA134 | 36 | | | | | | | | | | KK0485U | 03 | KK0485U | 00 | 1 | DBC | C5 | | | | |
| 34364 | | XA134 | 37 | | | | | | | | | | KXCP1B | 08 | KK0482U | 01 | 1 | DBC | C2 | | 17A | | |
| 33937 | | XA134 | 38 | | | | | | | | | | KK0481U | 02 | KK0481U | 00 | 1 | DBC | C1 | | 17B | | |
| 35499 | | XA134 | 39 | | | | | | | | | | SPIO181 | 21 | KK0481U | 01 | 1 | DBC | C1 | | 18A | BITS 4-5-6-7 OF MA | |
| 35127 | | XA134 | 4T | | | | | | | | | | SPA | 01 | KK0304T | 01 | 1 | DBC | B5 | | 18B | A03 | |
| 35128 | | XA134 | 4T | | | | | | | | | | SPA | 01 | KXRAF4T | 01 | 1 | DBC | A5 | | | | |
| 33938 | | XA134 | 40 | | | | | | | | | | KK0482U | 01 | KK0482U | 00 | 1 | DBC | C2 | | 19A | | |
| 35269 | | XA134 | 41 | | | | | | | | | | SPIO051 | 06 | KK0481U | 01 | 2 | DBC | C1 | | 19B | | |
| 33941 | | XA134 | 42 | | | | | | | | | | KK0483U | 02 | KK0483U | 00 | 1 | DBC | C3 | | 20A | | |
| 35245 | | XA134 | 43 | | | | | | | | | | SPIO041 | 07 | KK0481U | 01 | 3 | DBC | C1 | | 20B | | |
| 33451 | | XA134 | 44 | | | | | | | | | | GND | 01 | | | | | | | 40B | | |
| 35366 | | XA134 | 45 | | | | | | | | | | SPIO141 | 05 | KK0481U | 01 | 4 | DBC | C1 | | 23B | | |
| 33942 | | XA134 | 46 | | | | | | | | | | KK0484U | 01 | KK0484U | 00 | 1 | DBC | C4 | | 21A | | |
| 35500 | | XA134 | 47 | | | | | | | | | | SPIO191 | 00 | KK0483U | 01 | 1 | DBC | C3 | | 23A | A03 | |
| 33919 | | XA134 | 48 | | | | | | | | | | KK03B5U | 01 | KK0484U | 01 | 1 | DBC | C4 | | 22A | | |
| 33899 | | XA134 | 49 | | | | | | | | | | KKTCCP | 02 | KK12B5U | 01 | 1 | DBC | D5 | | 24B | | |
| 35129 | | XA134 | 5T | | | | | | | | | | SPA | 01 | KXRAF5T | 01 | 1 | DBC | A6 | | | | |
| 35130 | | XA134 | 5T | | | | | | | | | | SPA | 01 | KK0305T | 01 | 1 | DBC | B6 | | | | |
| 35471 | | XA134 | 50 | | | | | | | | | | SPIO171 | 03 | KK0481U | 01 | 5 | DBC | C1 | | 24A | | |
| 34363 | | XA134 | 51 | | | | | | | | | | KXCP1B | 07 | KK12B2U | 01 | 1 | DBC | D2 | | 25B | | |
| 36805 | | XA134 | 52 | | | | | | | | | | KK12B5U | 01 | KK12B5U | 00 | 1 | DBC | D5 | | 25A | | |
| 34522 | | XA134 | 53 | | | | | | | | | | KXGN1A | 09 | KK12B1U | 01 | 1 | DBC | D1 | | 26B | | |
| 33985 | | XA134 | 54 | | | | | | | | | | KK12B1U | 02 | KK12B1U | 00 | 1 | DBC | D1 | | 26A | BITS 12-13-14-15 | |
| 34531 | | XA134 | 55 | | | | | | | | | | KXGN2A | 06 | KK12B1U | 01 | 2 | DBC | D1 | | 27B | | |
| 33988 | | XA134 | 56 | | | | | | | | | | KK12B2U | 02 | KK12B2U | 00 | 1 | DBC | D2 | | 28B | | |
| 34544 | | XA134 | 57 | | | | | | | | | | KXGN3A | 09 | KK12B1U | 01 | 3 | DBC | D1 | | 29B | | |
| 33452 | | XA134 | 58 | | | | | | | | | | GND | 01 | | | | | | | | | |
| 34548 | | XA134 | 59 | | | | | | | | | | KXGN4A | 02 | KK12B1U | 01 | 4 | DBC | D1 | | 30B | | |
| 35131 | | XA134 | 6T | | | | | | | | | | SPA | 01 | KXRAF6T | 01 | 1 | DBC | A7 | | | | |
| 35132 | | XA134 | 6T | | | | | | | | | | SPA | 01 | KK0306T | 01 | 1 | DBC | B7 | | | | |
| 33991 | | XA134 | 60 | | | | | | | | | | KK12B3U | 02 | KK12B3U | 00 | 1 | DBC | D3 | | 29A | | |
| 35504 | | XA134 | 61 | | | | | | | | | | SPIO181 | 26 | KK12B3U | 01 | 1 | DBC | D3 | | 31B | | |
| 33995 | | XA134 | 62 | | | | | | | | | | KK12B4U | 03 | KK12B4U | 00 | 1 | DBC | D4 | | 29A | | |
| 33896 | | XA134 | 63 | | | | | | | | | | KKPE1A | 01 | KK12B1U | 01 | 5 | DBC | D1 | | 31A | | |
| 33895 | | XA134 | 64 | | | | | | | | | | KKPE00 | 05 | KK12B4U | 01 | 1 | DBC | D4 | | 30A | | |
| 33201 | | XA134 | 65 | | | | | | | | | | DNW | 01 | | | | | | | | | |
| 35506 | | XA134 | 66 | | | | | | | | | | SPIO181 | 28 | KXS035U | 01 | 1 | DBC | E5 | | 32B | | |
| 33453 | | XA134 | 67 | | | | | | | | | | GND | 01 | | | | | | | | | |
| 36881 | | XA134 | 68 | | | | | | | | | | KXS035U | 01 | KXS035U | 00 | 1 | DBC | E5 | | 33A | I/O BUFFER REG BIT | |
| 34789 | | XA134 | 69 | | | | | | | | | | KXSK00 | 01 | KXS032U | 01 | 1 | DBC | E2 | | 32A | | |
| 35133 | | XA134 | 7T | | | | | | | | | | SPA | 01 | KK0307T | 01 | 1 | DBC | B8 | | | | |
| 35134 | | XA134 | 7T | | | | | | | | | | SPA | 01 | KXRAF7T | 01 | 1 | DBC | AR | | | | |
| 34811 | | XA134 | 70 | | | | | | | | | | KXS031U | 04 | KXS031U | 00 | 1 | DBC | F1 | | 34A | | |
| 34424 | | XA134 | 71 | | | | | | | | | | KXDB0TA | 01 | KXS031U | 01 | 1 | DBC | E1 | | 33B | | |
| 34815 | | XA134 | 72 | | | | | | | | | | KXS032U | 04 | KXS032U | 00 | 1 | DBC | E2 | | 35A | | |
| 34427 | | XA134 | 73 | | | | | | | | | | KXDB0TB | 02 | KXS031U | 01 | 2 | DBC | E1 | | 34B | | |
| 34819 | | XA134 | 74 | | | | | | | | | | KXS033U | 04 | KXS033U | 00 | 1 | DBC | E3 | | 36A | | |
| 34428 | | XA134 | 75 | | | | | | | | | | KXDB0TC | 01 | KXS031U | 01 | 3 | DBC | F1 | | 35B | | |
| 34820 | | XA134 | 76 | | | | | | | | | | KXS034U | 01 | KXS034U | 00 | 1 | DBC | E4 | | 37A | | |
| 34431 | | XA134 | 77 | | | | | | | | | | KXDB0TD | 02 | KXS031U | 01 | 4 | DBC | F1 | | 36B | | |
| CONNECTOR XA134 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA134
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 63

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | DR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|--|--------|-----------|-----|----|--------|-----------|-----|----|-------------|------|-------|-------|--------|---------|----------|---------|----|------------------|-------|---------------------|--------------------|--------------------|--------------------|
| | PREFIX | CONNECTOR | PIN | SH | PREFIX | CONNECTOR | PIN | SH | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 34546 | | XA134 | 78 | | | | | | | | | | | KXGN3A | 11 | KXS034U | 01 | 1 | DBC | E4 | | 38A | |
| 34534 | | XA134 | 79 | | | XA143 | 74 | | | 16B | 9 | | | KXGN2A | 09 | KXS033U | 01 | 1 | DBC | E3 | | 37B | |
| 35135 | | XA134 | 8T | | | | | | | | | | | SPA | 01 | KXRAF8T | 01 | 1 | DBC | A9 | | | |
| 35136 | | XA134 | 8T | | | | | | | | | | | SPA | 01 | KK0308T | 01 | 1 | DBC | B9 | | | |
| 34520 | | XA134 | 80 | | | XA133 | 80 | | | 16B | 9 | | | KXGN1A | 07 | KXS031U | 01 | 5 | DBC | E1 | | 38B | |
| 35137 | | XA134 | 9T | | | | | | | | | | | SPA | 01 | KK0309T | 01 | 1 | DBC | B0 | | | |
| 35138 | | XA134 | 9T | | | | | | | | | | | SPA | 01 | KXRAF9T | 01 | 1 | DBC | A0 | | | |
| 34640 | | XA135 | 01 | | | XA132 | 03 | | | 16B | 9 | P | | KXRS1A | 13 | KXRS0B | 01 | 2 | TQ2 | A2 | | 02B | MASTER RESET BUS 0 |
| 34687 | | XA135 | 01 | | | | | | | | | J | | KXRS1A | 01 | KXRS1A | 00 | 1 | TQ2 | A2 | | 02B | KXRS0B BUSS |
| 33454 | | XA135 | 02 | | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01A | |
| 34686 | | XA135 | 03 | | | | | | | | | | | KXRS00 | 07 | KXRS2A | 01 | 1 | TQ2 | A3 | | 02A | |
| 34685 | | XA135 | 04 | | | XA135 | 03 | | | 16B | 9 | | | KXRS00 | 06 | KXRS1A | 01 | 1 | TQ2 | A2 | | 04A | |
| 35493 | | XA135 | 05 | | | XA135 | 07 | | | 16B | 9 | | | SPIO181 | 15 | KXRS1A | 01 | 2 | TQ2 | A2 | | 03B | |
| 34627 | | XA135 | 06 | | | | | | | | | J | | KXRS0A | 01 | KXRS0A | 00 | 1 | TQ2 | A1 | | 05A | KXRS0B BUSS |
| 34639 | | XA135 | 06 | | | XA135 | 01 | | | 16B | 9 | | | KXRS0A | 12 | KXRS0B | 01 | 1 | TQ2 | A1 | | 05A | MASTER RESET BUS 0 |
| 35494 | | XA135 | 07 | | | XA135 | 10 | | | 16B | 9 | P | | SPIO181 | 16 | KXRS2A | 01 | 2 | TQ2 | A3 | | 03A | |
| 34684 | | XA135 | 08 | | | XA135 | 04 | | | 16B | 9 | | | KXRS00 | 05 | KXRS0A | 01 | 1 | TQ2 | A1 | | 06A | |
| 34638 | | XA135 | 09 | | | XA135 | 06 | | | 16B | 9 | P | | KXRS2A | 11 | KXRS0B | 01 | 3 | TQ2 | A3 | | 04B | MASTER RESET BUS 0 |
| 34691 | | XA135 | 09 | | | | | | | | | J | | KXRS2A | 01 | KXRS2A | 00 | 1 | TQ2 | A3 | | 04B | KXRS0B BUSS |
| 35495 | | XA135 | 10 | | | XA236 | 21 | | | 16B | 9 | | | SPIO181 | 17 | KXRS0A | 01 | 2 | TQ2 | A1 | | 07A | |
| 34562 | | XA135 | 11 | | | | | | | | | | | KXINHS | 02 | KXINHR | 01 | 1 | TQ2 | A4 | | 05B | |
| 33085 | | XA135 | 12 | | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | |
| 34563 | | XA135 | 13 | | | XA132 | 43 | | | 16B | 9 | | | KXIN0A | 01 | KXINHR | 01 | 2 | TQ2 | A4 | | 06B | |
| 35052 | | XA135 | 14 | | | | | | | | | | | KXX04A | 03 | KXX04A | 00 | 1 | TQ2 | B2 | | 09A | |
| 34559 | | XA135 | 15 | | | XA132 | 01 | | | 16B | 9 | | | KXINHR | 06 | KXINHR | 00 | 1 | TQ2 | A4 | | 07B | |
| 33455 | | XA135 | 16 | | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01B | |
| 34507 | | XA135 | 17 | | | | | | | | | | | KXENAR | 02 | KXENAS | 01 | 1 | TQ2 | B3 | | 08B | |
| 34918 | | XA135 | 18 | | | | | | | | | | | KXXB00 | 02 | KXX04A | 01 | 1 | TQ2 | B2 | | 10A | |
| 34487 | | XA135 | 19 | | | | | | | | | | | KXEA0A | 04 | KXENAS | 01 | 2 | TQ2 | B3 | | 09B | |
| 34884 | | XA135 | 20 | | | XA139 | 80 | | | 16B | 9 | | | KXXA40 | 01 | KXX04A | 01 | 2 | TQ2 | B2 | | 11A | |
| 34510 | | XA135 | 21 | | | XA137 | 14 | | | 16B | 9 | | | KXENAS | 03 | KXENAS | 00 | 1 | TQ2 | B3 | | 10B | ENABLE ADDRESS F/F |
| 34350 | | XA135 | 22 | | | XA137 | 22 | | | 16B | 9 | | | KXCMA5 | 02 | KXCMA5 | 00 | 1 | TQ2 | B1 | | 12A | COMMAND ADDRESS FF |
| 34339 | | XA135 | 23 | | | | | | | | | | | KXCA1A | 02 | KXCA10 | 01 | 1 | TQ2 | B4 | | 11B | |
| 34348 | | XA135 | 24 | | | | | | | | | | | KXCMA8 | 02 | KXCMA5 | 01 | 1 | TQ2 | B1 | | 13A | |
| 35497 | | XA135 | 25 | | | XA135 | 37 | | | 16B | 9 | | | SPIO181 | 19 | KXCA10 | 01 | 2 | TQ2 | B4 | | 12B | |
| 34336 | | XA135 | 26 | | | XA137 | 76 | | | 16B | 9 | | | KXCA0A | 01 | KXCMA5 | 01 | 2 | TQ2 | B1 | | 14A | |
| 34343 | | XA135 | 27 | | | XA132 | 38 | | | 16B | 9 | | | KXCA10 | 04 | KXCA10 | 00 | 1 | TQ2 | B4 | | 13B | |
| 33086 | | XA135 | 28 | | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | |
| 35069 | | XA135 | 29 | | | XA137 | 45 | | | 16B | 9 | | | KXOFRR | 01 | KXOFRS | 01 | 1 | TQ2 | C3 | | 14B | |
| 34449 | | XA135 | 30 | | | XA137 | 30 | | | 16B | 9 | | | KXDEVS | 02 | KXDEVS | 00 | 1 | TQ2 | C2 | | 15A | DEVICE COMMAND F/F |
| 35081 | | XA135 | 31 | | | XA125 | 33 | | | 16B | 9 | | | KXOR0A | 01 | KXOFRS | 01 | 2 | TQ2 | C3 | | 15B | |
| 33456 | | XA135 | 32 | | | | | | | | | | | GND | 01 | | | | TQ2 | | | 20B | |
| 35074 | | XA135 | 33 | | | XA137 | 43 | | | 16B | 9 | | | KXOFRS | 04 | KXOFRS | 00 | 1 | TQ2 | C3 | | 16B | OFR COMMAND F/F |
| 34447 | | XA135 | 34 | | | | | | | | | | | KXDEVR | 02 | KXDEVS | 01 | 1 | TQ2 | C2 | | 16A | |
| 35365 | | XA135 | 35 | | | XA134 | 45 | | | 16B | 9 | | | SPIO141 | 04 | KXGN2A | 01 | 1 | TQ2 | C4 | | 17B | |
| 34468 | | XA135 | 36 | | | XA125 | 35 | | | 16B | 9 | | | KXDVOA | 01 | KXDEVS | 01 | 2 | TQ2 | C2 | | 17A | |
| 35498 | | XA135 | 37 | | | XA134 | 39 | | | 16B | 9 | | | SPIO181 | 20 | KXGN2A | 01 | 2 | TQ2 | C4 | | 18B | |
| 34466 | | XA135 | 38 | | | XA137 | 37 | | | 16B | 9 | | | KXDVS5 | 03 | KXDVS5 | 00 | 1 | TQ2 | C1 | | 18A | DEVICE COMMAND F/F |
| CONNECTOR (XA135) CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA135
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 64

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT ON CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | FCO NO |
|---------------|--------|---------------------------------|-----|-------|--------|-----------|------|-------|-------------|------|--------|----------|----------|--------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DR.FG | PREFIX | CONNECTOR | PIN | DR.FG | MULTI GROUP | CODE | | | | | | | | | | | |
| 34530 | | XA135 | 39 | | XA134 | 55 | | | 16B | 9 | | KXGN2A | 05 | KXGN2A | 00 | 1 | T02 | C4 | 19B | | |
| 34463 | | XA135 | 40 | | | | | | | | | KXDVSR | 02 | KXDVSS | 01 | 1 | T02 | C1 | 19A | | |
| 34923 | | XA135 | 41 | | XA130 | 24 | | | 16B | 9 | | KXXB10 | 01 | KXXB2A | 01 | 1 | T02 | D3 | 22B | | |
| 34482 | | XA135 | 42 | | XA132 | 15 | | | 16B | 9 | | KXDV5A | 01 | KXDVSS | 01 | 2 | T02 | C1 | 20A | | |
| 34936 | | XA135 | 43 | | XA130 | 23 | | | 16B | 9 | | KXXB2P | 03 | KXXB2A | 01 | 2 | T02 | D3 | 23B | | |
| 33457 | | XA135 | 44 | | | | | | | | | GND | 01 | | | | T02 | | 21B | | |
| 34932 | | XA135 | 45 | | XA139 | 65 | | | 16B | 9 | | KXXB2A | 03 | KXXB2A | 00 | 1 | T02 | D3 | 24B | | |
| 34919 | | XA135 | 46 | | XA139 | 71 | | | 16B | 9 | | KXXB1A | 01 | KXXB1A | 00 | 1 | T02 | D2 | 21A | | |
| 34914 | | XA135 | 47 | | XA129 | 24 | | | 16B | 9 | | KXXB0Q | 02 | KXXB3A | 01 | 1 | T02 | D4 | 25B | | |
| 34913 | | XA135 | 48 | | XA135 | 47 | | | 16B | 9 | | KXXB0Q | 01 | KXXB1A | 01 | 1 | T02 | D2 | 22A | | |
| 34939 | | XA135 | 49 | | XA130 | 25 | | | 16B | 9 | | KXXB2Q | 01 | KXXB3A | 01 | 2 | T02 | D4 | 24B | | |
| 34922 | | XA135 | 50 | | | | | | | | | KXXB1P | 02 | KXXB1A | 01 | 2 | T02 | D2 | 23A | | |
| 34949 | | XA135 | 51 | | | | | | | | | KXXB3A | 04 | KXXB3A | 00 | 1 | T02 | D4 | 27B | I/O BYTE COUNTER | |
| 34906 | | XA135 | 52 | | XA137 | 46 | | | 16B | 9 | | KXXB0A | 02 | KXXB0A | 00 | 1 | T02 | D1 | 24A | | |
| 34864 | | XA135 | 53 | | | | | | | | | KXXA1P | 02 | KXXA6A | 01 | 1 | T02 | E3 | 28B | | |
| 34911 | | XA135 | 54 | | XA128 | 09 | | | 16B | 9 | | KXXB0P | 02 | KXXB0A | 01 | 1 | T02 | D1 | 25A | | |
| 34873 | | XA135 | 55 | | XA130 | 05 | | | 16B | 9 | | KXXA2Q | 01 | KXXA6A | 01 | 2 | T02 | E3 | 29B | | |
| 34935 | | XA135 | 56 | | XA135 | 43 | | | 16B | 9 | | KXXB2P | 02 | KXXB0A | 01 | 2 | T02 | D1 | 26A | | |
| 34893 | | XA135 | 57 | | XA127 | 08 | | | 16B | 9 | | KXXA6A | 01 | KXXA6A | 00 | 1 | T02 | E3 | 30B | I/O STATE COUNTER | |
| 33458 | | XA135 | 58 | | | | | | | | | GND | 01 | | | | T02 | | 27A | | |
| 35084 | | XA135 | 59 | | | | | | | | | KX1MAP | 02 | KXCPIA | 01 | 1 | T02 | E4 | 31B | | |
| 34887 | | XA135 | 60 | | | | | | | | | KXXA5A | 02 | KXXA5A | 00 | 1 | T02 | E2 | 28A | | |
| 35091 | | XA135 | 61 | | XA129 | 31 | | | 16B | 9 | | KX1MBQ | 01 | KXCPIA | 01 | 2 | T02 | E4 | 32B | | |
| 34858 | | XA135 | 62 | | XA137 | 73 | | | 16B | 9 | | KXXA0P | 06 | KXXA5A | 01 | 1 | T02 | E2 | 29A | | |
| 34356 | | XA135 | 63 | | | | | | | | | KXCPIA | 04 | KXCPIA | 00 | 1 | T02 | E4 | 33B | PHASE 1 OF 2 PHASE | |
| 34866 | | XA135 | 64 | | XA131 | 36 | | | 16B | 9 | | KXXA1Q | 02 | KXXA5A | 01 | 2 | T02 | E2 | 30A | | |
| 34852 | | XA135 | 65 | | | | | | | | | KXXADO | 02 | KXXADA | 01 | 1 | T02 | F3 | 34B | | |
| 34883 | | XA135 | 66 | | | | | | | | | KXXA4A | 02 | KXXA4A | 00 | 1 | T02 | E1 | 31A | | |
| 33459 | | XA135 | 67 | | | | | | | | | GND | 01 | | | | T02 | | 40A | | |
| 65048 | | XA135 | 67 | | | | | | | | | KNCRKA1R | 02 | | | | T02 | | 40A | | B06 |
| 34862 | | XA135 | 68 | | | | | | | | | KXXA0Q | 03 | KXXA4A | 01 | 1 | T02 | E1 | 32A | | |
| 34850 | | XA135 | 69 | | | | | | | | | KXXADA | 02 | KXXADA | 00 | 1 | T02 | F3 | 35A | START I/O STATE CC | |
| 34881 | | XA135 | 70 | | | | | | | | | KXXA3Q | 03 | KXXA4A | 01 | 2 | T02 | E1 | 33A | | |
| 33974 | | XA135 | 71 | | | | | | | | | KK08C0 | 06 | KKPEOA | 01 | 1 | T02 | F2 | 36A | | |
| 33888 | | XA135 | 72 | | XA133 | 63 | | | 16B | 9 | | KKPEOA | 01 | KKPEOA | 00 | 1 | T02 | F2 | 34A | DIVIDE BY 13 PARRA | |
| 33944 | | XA135 | 73 | | XA133 | 64 | | | 16B | 9 | | KK04B5U | 01 | KKPEOA | 01 | 2 | T02 | F2 | 36B | | |
| 35508 | | XA135 | 74 | | XA138 | 79 | | | 16B | 9 | | SPIO181 | 30 | KXXADA | 01 | 2 | T02 | F3 | 35B | | A03 |
| 34707 | | XA135 | 75 | | XA137 | 79 | | | 16B | 9 | | KXROPA | 05 | KXROPA | 00 | 1 | T02 | F1 | 37B | I/O INPUT REG PART | |
| 35509 | | XA135 | 76 | | XA347 | 23 | | | 16B | 9 | | KK009A1 | 01 | KK0090 | 01 | 1 | T02 | F4 | 37A | | A03 |
| 34709 | | XA135 | 77 | | XA236 | 56 | | | 16B | 9 | | KXROPPR | 01 | KXROPA | 01 | 1 | T02 | F1 | 38B | | |
| 35394 | | XA135 | 78 | | | | | | | | | KK00BQ | 03 | KK0090 | 01 | 2 | T02 | F4 | 38A | | A03 |
| 35507 | | XA135 | 79 | | XA135 | 74 | | | 16B | 9 | | SPIO181 | 29 | KXROPA | 01 | 2 | T02 | F1 | 39B | | A03 |
| 36779 | | XA135 | 80 | | XA128 | 48 | | | 16B | 9 | | KK0090 | 01 | KK0090 | 00 | 1 | T02 | F4 | 39A | | A03 |
| 44202 | | XA136 | 01 | | | | | | | | | SPP | | | | | | | | | |
| 44460 | | XA136 | 02 | | | | | | | | | GND | 01 | | | | | | | | |
| 46492 | | XA136 | 03 | | | | | | | | | SPP | | | | | | | | | |
| 46307 | | XA136 | 04 | | | | | | | | | SPP | | | | | | | | | |
| 46267 | | XA136 | 05 | | | | | | | | | SPP | | | | | | | | | |
| CONNECTOR | XA136 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA136
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 65

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|-------------|----|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FTG | PREFIX | CONNECTOR | PIN | SH FTG | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | AND | OR | | |
| 46316 | | XA136 | 06 | | | | | | | | | | SPP | | | | | | | | | | | |
| 46363 | | XA136 | 07 | | | | | | | | | | SPP | | | | | | | | | | | |
| 46469 | | XA136 | 08 | | | | | | | | | | SPP | | | | | | | | | | | |
| 46296 | | XA136 | 09 | | | | | | | | | | SPP | | | | | | | | | | | |
| 46284 | | XA136 | 10 | | | | | | | | | | SPP | | | | | | | | | | | |
| 46239 | | XA136 | 11 | | | | | | | | | | SPP | | | | | | | | | | | |
| 44087 | | XA136 | 12 | | | | | | | | | | +5V | 01 | | | | | | | | | | |
| 47780 | | XA136 | 13 | | | | | | | | | | SPP | | | | | | | | | | | |
| 44203 | | XA136 | 14 | | | | | | | | | | SPP | | | | | | | | | | | |
| 44204 | | XA136 | 15 | | | | | | | | | | SPP | | | | | | | | | | | |
| 44461 | | XA136 | 16 | | | | | | | | | | GND | 01 | | | | | | | | | | |
| 46268 | | XA136 | 17 | | | | | | | | | | SPP | | | | | | | | | | | |
| 46240 | | XA136 | 18 | | | | | | | | | | SPP | | | | | | | | | | | |
| 46308 | | XA136 | 19 | | | | | | | | | | SPP | | | | | | | | | | | |
| 46470 | | XA136 | 20 | | | | | | | | | | SPP | | | | | | | | | | | |
| 46496 | | XA136 | 21 | | | | | | | | | | SPP | | | | | | | | | | | |
| 46283 | | XA136 | 22 | | | | | | | | | | SPP | | | | | | | | | | | |
| 46315 | | XA136 | 23 | | | | | | | | | | SPP | | | | | | | | | | | |
| 46364 | | XA136 | 24 | | | | | | | | | | SPP | | | | | | | | | | | |
| 47781 | | XA136 | 25 | | | | | | | | | | SPP | | | | | | | | | | | |
| 44205 | | XA136 | 26 | | | | | | | | | | SPP | | | | | | | | | | | |
| 46295 | | XA136 | 27 | | | | | | | | | | SPP | | | | | | | | | | | |
| 44088 | | XA136 | 28 | | | | | | | | | | +5V | 01 | | | | | | | | | | |
| 44206 | | XA136 | 29 | | | | | | | | | | SPP | | | | | | | | | | | |
| 45837 | | XA136 | 30 | | | | | | | | | | SPP | | | | | | | | | | | |
| 45810 | | XA136 | 31 | | | | | | | | | | SPP | | | | | | | | | | | |
| 44462 | | XA136 | 32 | | | | | | | | | | GND | 01 | | | | | | | | | | |
| 45814 | | XA136 | 33 | | | | | | | | | | SPP | | | | | | | | | | | |
| 45834 | | XA136 | 34 | | | | | | | | | | SPP | | | | | | | | | | | |
| 45818 | | XA136 | 35 | | | | | | | | | | SPP | | | | | | | | | | | |
| 45829 | | XA136 | 36 | | | | | | | | | | SPP | | | | | | | | | | | |
| 45821 | | XA136 | 37 | | | | | | | | | | SPP | | | | | | | | | | | |
| 45826 | | XA136 | 38 | | | | | | | | | | SPP | | | | | | | | | | | |
| 45955 | | XA136 | 39 | | | | | | | | | | SPP | | | | | | | | | | | |
| 44207 | | XA136 | 40 | | | | | | | | | | SPP | | | | | | | | | | | |
| 44208 | | XA136 | 41 | | | | | | | | | | SPP | | | | | | | | | | | |
| 45458 | | XA136 | 42 | | | | | | | | | | SPP | | | | | | | | | | | |
| 45700 | | XA136 | 43 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 44463 | | XA136 | 44 | | | | | | | | | | GND | | | | | | | | | | A02 | |
| 45731 | | XA136 | 45 | | | | | | | | | | SPP | | | | | | | | | | A02 | |
| 45783 | | XA136 | 46 | | | | | | | | | | SPP | | | | | | | | | | | |
| 45738 | | XA136 | 47 | | | | | | | | | | SPP | | | | | | | | | | | |
| 45774 | | XA136 | 48 | | | | | | | | | | SPP | | | | | | | | | | | |
| 45746 | | XA136 | 49 | | | | | | | | | | SPP | | | | | | | | | | | |
| 45765 | | XA136 | 50 | | | | | | | | | | SPP | | | | | | | | | | | |
| 45610 | | XA136 | 51 | | | | | | | | | | SPP | | | | | | | | | | | |
| 45755 | | XA136 | 52 | | | | | | | | | | SPP | | | | | | | | | | | |
| 44209 | | XA136 | 53 | | | | | | | | | | SPP | | | | | | | | | | | |
| 44210 | | XA136 | 54 | | | | | | | | | | SPP | | | | | | | | | | | |
| 46480 | | XA136 | 55 | | | | | | | | | | SPP | | | | | | | | | | | |
| CONNECTOR (XA136) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA136
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 66

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|-----------|-----------|---------------------------------|----------|--------|-----------|-----|----------|-------------|------|-------|-------|---------|--------|----------|-------------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SM. I.C. | PREFIX | CONNECTOR | PIN | SM. I.C. | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | |
| 45710 | | XA136 | 56 | | | | | | | | | | SPP | | | | | | | | | |
| 46244 | | XA136 | 57 | | | | | | | | | | SPP | | | | | | | | | |
| 44464 | | XA136 | 58 | | | | | | | | | | GND | 01 | | | | | | | | |
| 46314 | | XA136 | 59 | | | | | | | | | | SPP | | | | | | | | | |
| 46282 | | XA136 | 60 | | | | | | | | | | SPP | | | | | | | | | |
| 46294 | | XA136 | 61 | | | | | | | | | | SPP | | | | | | | | | |
| 46266 | | XA136 | 62 | | | | | | | | | | SPP | | | | | | | | | |
| 46310 | | XA136 | 63 | | | | | | | | | | SPP | | | | | | | | | |
| 46477 | | XA136 | 64 | | | | | | | | | | SPP | | | | | | | | | |
| 46396 | | XA136 | 65 | | | | | | | | | | SPP | | | | | | | | | |
| 44211 | | XA136 | 66 | | | | | | | | | | SPP | | | | | | | | | |
| 44465 | | XA136 | 67 | | | | | | | | | | GND | 01 | | | | | | | | |
| 47782 | | XA136 | 68 | | | | | | | | | | SPP | | | | | | | | | |
| 44212 | | XA136 | 69 | | | | | | | | | | SPP | | | | | | | | | |
| 46265 | | XA136 | 70 | | | | | | | | | | SPP | | | | | | | | | |
| 46293 | | XA136 | 71 | | | | | | | | | | SPP | | | | | | | | | |
| 46281 | | XA136 | 72 | | | | | | | | | | SPP | | | | | | | | | |
| 46243 | | XA136 | 73 | | | | | | | | | | SPP | | | | | | | | | |
| 46476 | | XA136 | 74 | | | | | | | | | | SPP | | | | | | | | | |
| 46395 | | XA136 | 75 | | | | | | | | | | SPP | | | | | | | | | |
| 46510 | | XA136 | 76 | | | | | | | | | | SPP | | | | | | | | | |
| 46309 | | XA136 | 77 | | | | | | | | | | SPP | | | | | | | | | |
| 44213 | | XA136 | 78 | | | | | | | | | | SPP | | | | | | | | | |
| 46313 | | XA136 | 79 | | | | | | | | | | SPP | | | | | | | | | |
| 47783 | | XA136 | 80 | | | | | | | | | | SPP | | | | | | | | | |
| 34300 | | XA137 | 01 | | XA138 | 04 | | | 16B | 9 | | | KXBSLOX | 02 | KXBOEA | 01 | 1 | TD4 | A2 | | 02B | |
| 33466 | | XA137 | 02 | | | | | | | | | | GND | 01 | | | | TD4 | | | 01A | |
| 33214 | | XA137 | 03 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | |
| 34557 | | XA137 | 04 | | XA137 | 08 | | | 16B | 9 | | | KXINHR | 04 | KXBOEA | 01 | 2 | TD4 | A2 | | 04A | |
| 33114 | | XA137 | 05 | | XA137 | 10 | | | 16B | 9 | | | DEVINH | 02 | KXBOEA | 01 | 3 | TD4 | A2 | | 03B | |
| 34198 | | XA137 | 06 | | XA132 | 26 | | | 16B | 9 | | | KXASLOX | 06 | KXAOEA | 01 | 1 | TD4 | A1 | | 05A | |
| 34969 | | XA137 | 07 | | XA137 | 13 | | | 16B | 9 | | | KXXCSO | 01 | KXBOEA | 01 | 4 | TD4 | A2 | | 03A | |
| 34558 | | XA137 | 08 | | XA135 | 15 | | | 16B | 9 | | | KXINHR | 05 | KXAOEA | 01 | 2 | TD4 | A1 | | 06A | |
| 34314 | | XA137 | 09 | | | | | | | | | | KXBOEA | 04 | KXBOEA | 00 | 1 | TD4 | A2 | | 04B | |
| 33115 | | XA137 | 10 | | XA137 | 62 | | | 16B | 9 | | | DEVINH | 03 | KXAOEA | 01 | 3 | TD4 | A1 | | 07A | |
| 34212 | | XA137 | 11 | | | | | | | | | | KXAOEA | 04 | KXAOEA | 00 | 1 | TD4 | A1 | | 05B | |
| 33089 | | XA137 | 12 | | | | | | | | | | +5V | 01 | | | | TD4 | | | | |
| 34970 | | XA137 | 13 | | XA119 | 80 | | | 16B | 9 | | | KXXCSO | 02 | KXAOEA | 01 | 4 | TD4 | A1 | | 06B | |
| 34511 | | XA137 | 14 | | | | | | | | | | KXENAS | 04 | KXENAR | 01 | 1 | TD4 | B2 | | 09A | |
| 33215 | | XA137 | 15 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | |
| 33467 | | XA137 | 16 | | | | | | | | | | GND | 01 | | | | TD4 | | | 20B | |
| 33216 | | XA137 | 17 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | |
| 35051 | | XA137 | 18 | | XA135 | 14 | | | 16B | 9 | | | KXX04A | 02 | KXENAR | 01 | 2 | TD4 | B2 | | 10A | |
| 34930 | | XA137 | 19 | | XA137 | 25 | | | 16B | 9 | | | KXXB2A | 01 | KXENAR | 01 | 3 | TD4 | B2 | | 09B | |
| 34637 | | XA137 | 20 | | XA135 | 09 | | | 16B | 9 | | | KXRSOB | 10 | KXENAR | 01 | 4 | TD4 | B2 | | 11A | |
| 34506 | | XA137 | 21 | | XA135 | 17 | | | 16B | 9 | | | KXENAR | 01 | KXENAR | 00 | 1 | TD4 | B2 | | 10B | |
| 34351 | | XA137 | 22 | | | | | | | | | | KXCMAS | 03 | KXCMAR | 01 | 1 | TD4 | B1 | | 12A | |
| 34347 | | XA137 | 23 | | XA135 | 24 | | | 16B | 9 | | | KXCMAR | 01 | KXCMAR | 00 | 1 | TD4 | B1 | | 11B | |
| | CONNECTOR | XA137 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA137
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 67

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|---------------------------------|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FC | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 35050 | | XA137 | 24 | | | | | | | | | | KXX04A | 01 | KXC MAR | 01 | 2 | TD4 | B1 | | 13A | | |
| 34931 | | XA137 | 25 | | | XA135 | 45 | | | 16B | 9 | | KXXB2A | 02 | KXC MAR | 01 | 3 | TD4 | B1 | | 12B | | |
| 34636 | | XA137 | 26 | | | XA137 | 20 | | | 16B | 9 | | KXRSOB | 09 | KXC MAR | 01 | 4 | TD4 | B1 | | 14A | | |
| 33217 | | XA137 | 27 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 33090 | | XA137 | 28 | | | | | | | | | | +5V | 01 | | | | TD4 | | | | | |
| 33218 | | XA137 | 29 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 34450 | | XA137 | 30 | | | | | | | | | | KXDEVS | 03 | KXDEV R | 01 | 1 | TD4 | C2 | | 15A | | |
| 34909 | | XA137 | 31 | | | | | | | | | | KXXB0A | 05 | KXDEV R | 01 | 2 | TD4 | C2 | | 15B | | |
| 33468 | | XA137 | 32 | | | | | | | | | | GND | 01 | | | | TD4 | | | 21B | | |
| 34446 | | XA137 | 33 | | | XA135 | 34 | | | 16B | 9 | | KXDEV R | 01 | KXDEV R | 00 | 1 | TD4 | C2 | | 16B | | |
| 34946 | | XA137 | 34 | | | XA137 | 40 | | | 16B | 9 | | KXXB3A | 01 | KXDEV R | 01 | 3 | TD4 | C2 | | 16A | | |
| 34462 | | XA137 | 35 | | | XA135 | 40 | | | 16B | 9 | | KXDVSR | 01 | KXDVSR | 00 | 1 | TD4 | C1 | | 17B | | |
| 34635 | | XA137 | 36 | | | XA137 | 26 | | | 16B | 9 | | KXRSOB | 08 | KXDEV R | 01 | 4 | TD4 | C2 | | 17A | | |
| 34467 | | XA137 | 37 | | | | | | | | | | KXDVSS | 04 | KXDVSR | 01 | 1 | TD4 | C1 | | 18B | | |
| 34908 | | XA137 | 38 | | | XA137 | 31 | | | 16B | 9 | | KXXB0A | 04 | KXDVSR | 01 | 2 | TD4 | C1 | | 18A | | |
| 33219 | | XA137 | 39 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 34947 | | XA137 | 40 | | | XA137 | 48 | | | 16B | 9 | | KXXB3A | 02 | KXDVSR | 01 | 3 | TD4 | C1 | | 19A | | |
| 33220 | | XA137 | 41 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 34634 | | XA137 | 42 | | | XA137 | 36 | | | 16B | 9 | | KXRSOB | 07 | KXDVSR | 01 | 4 | TD4 | C1 | | 20A | | |
| 35075 | | XA137 | 43 | | | | | | | | | | KXOFRR | 05 | KXOFRR | 01 | 1 | TD4 | D2 | | 23B | | |
| 33469 | | XA137 | 44 | | | | | | | | | | GND | 01 | | | | TD4 | | | 27A | | |
| 35070 | | XA137 | 45 | | | | | | | | | | KXOFRR | 02 | KXOFRR | 00 | 1 | TD4 | D2 | | 24B | | |
| 34907 | | XA137 | 46 | | | XA137 | 38 | | | 16B | 9 | | KXXB0A | 03 | KXOFRR | 01 | 2 | TD4 | D2 | | 21A | | |
| 34851 | | XA137 | 47 | | | XA135 | 65 | | | 16B | 9 | | KXXADO | 01 | KXXADO | 00 | 1 | TD4 | D1 | | 25B | | |
| 34948 | | XA137 | 48 | | | XA135 | 51 | | | 16B | 9 | | KXXB3A | 03 | KXOFRR | 01 | 3 | TD4 | D2 | | 22A | | |
| 34591 | | XA137 | 49 | | | XA138 | 38 | | | 16B | 9 | | KXRCMR | 02 | KXXADO | 01 | 1 | TD4 | D1 | | 26B | | |
| 34633 | | XA137 | 50 | | | XA137 | 42 | | | 16B | 9 | | KXRSOB | 06 | KXOFRR | 01 | 4 | TD4 | D2 | | 23A | | |
| 33221 | | XA137 | 51 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 34599 | | XA137 | 52 | | | XA138 | 30 | | | 16B | 9 | | KXRENR | 02 | KXXADO | 01 | 2 | TD4 | D1 | | 24A | | |
| 33222 | | XA137 | 53 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 34605 | | XA137 | 54 | | | XA138 | 33 | | | 16B | 9 | | KXRPCR | 01 | KXXADO | 01 | 3 | TD4 | D1 | | 25A | | |
| 34303 | | XA137 | 55 | | | XA142 | 75 | | | 16B | 9 | | KXBSLOX | 05 | KXBRQA | 01 | 1 | TD4 | E2 | | 29B | | |
| 34841 | | XA137 | 56 | | | | | | | | | | KXXACA | 02 | KXXADO | 01 | 4 | TD4 | D1 | | 26A | | |
| 34290 | | XA137 | 57 | | | | | | | | | | KXBRQA | 02 | KXBRQA | 00 | 1 | TD4 | E2 | | 30B | | |
| 33470 | | XA137 | 58 | | | | | | | | | | GND | 01 | | | | TD4 | | | 40A | | |
| 34184 | | XA137 | 59 | | | | | | | | | | KXARQA | 02 | KXARQA | 00 | 1 | TD4 | E1 | | 31B | | |
| 34556 | | XA137 | 60 | | | XA137 | 04 | | | 16B | 9 | | KXINHR | 03 | KXBRQA | 01 | 2 | TD4 | E2 | | 28A | | |
| 34195 | | XA137 | 61 | | | XA138 | 24 | | | 16B | 9 | | KXASLOX | 03 | KXARQA | 01 | 1 | TD4 | E1 | | 32B | | |
| 33116 | | XA137 | 62 | | | XA137 | 68 | | | 16B | 9 | | DEVINH | 04 | KXBRQA | 01 | 3 | TD4 | E2 | | 29A | | |
| 33223 | | XA137 | 63 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 35043 | | XA137 | 64 | | | XA137 | 70 | | | 16B | 9 | | KXXROQ | 03 | KXBRQA | 01 | 4 | TD4 | E2 | | 30A | | |
| 33224 | | XA137 | 65 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 34555 | | XA137 | 66 | | | XA137 | 60 | | | 16B | 9 | | KXINHR | 02 | KXARQA | 01 | 2 | TD4 | E1 | | 31A | | |
| 33471 | | XA137 | 67 | | | | | | | | | | GND | 01 | | | | TD4 | | | 40B | | |
| 33117 | | XA137 | 68 | | | XA146 | 14 | | | 16B | 9 | | DEVINH | 05 | KXARQA | 01 | 3 | TD4 | E1 | | 32A | | |
| 35054 | | XA137 | 69 | | | | | | | | | | KXX05A | 02 | KXX05A | 00 | 1 | TD4 | E2 | | 35A | A03 | |
| 35044 | | XA137 | 70 | | | | | | | | | | KXXROQ | 04 | KXARQA | 01 | 4 | TD4 | E1 | | 33A | I/O STATE IS S.I/O | |
| 34910 | | XA137 | 71 | | | XA135 | 54 | | | 16B | 9 | | KXXBOP | 01 | KXX05A | 01 | 1 | TD4 | E2 | | 36A | | |
| 34934 | | XA137 | 72 | | | XA135 | 56 | | | 16B | 9 | | KXXB2P | 01 | KXX05A | 01 | 2 | TD4 | F2 | | 34A | | |
| 34859 | | XA137 | 73 | | | | | | | | | | KXXAOP | 07 | KXX05A | 01 | 3 | TD4 | F2 | | 36B | | |
| CONNECTOR | | XA137 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA137
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| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|---------------------------------|-----|--------|-----------|-----|-------------|------|-------|-------|--------|---------|----------|--------|--------|------------------|-------|---------------------|--------------------|--------------------|---------------------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 34865 | | XA137 | 74 | | XA135 | 64 | | 16B | 9 | | | KXXA10 | 01 | KXX05A | 01 | 4 | TD4 | F2 | | 35B | |
| 34758 | | XA137 | 75 | | XA129 | 71 | | 16B | 9 | | | KXR4CS | 06 | KXCA0A | 01 | 1 | TD4 | F1 | | 37B | |
| 34337 | | XA137 | 76 | | | | | | | | | KXCA0A | 02 | KXCA0A | 00 | 1 | TD4 | F1 | | 37A | SET COMMAND ADDRESS |
| 34594 | | XA137 | 77 | | XA139 | 38 | | 16B | 9 | | | KXR0MS | 01 | KXCA0A | 01 | 2 | TD4 | F1 | | 38B | |
| 35057 | | XA137 | 78 | | | | | | | | | KXX050 | 03 | KXCA0A | 01 | 3 | TD4 | F1 | | 38A | |
| 34708 | | XA137 | 79 | | | | | | | | | KXROPA | 06 | KXCA0A | 01 | 4 | TD4 | F1 | | 39B | |
| 33225 | | XA137 | 80 | | | | | | | | | DNW | 01 | | | | TD4 | | | | |
| 34270 | | XA138 | 01 | | XA139 | 11 | | 16B | 9 | | | KXBIEA | 01 | KXBIEA | 00 | 1 | TQ2 | A2 | | 02B | |
| 33472 | | XA138 | 02 | | | | | | | | | GND | 01 | | | | TQ2 | | | 01A | |
| 35491 | | XA138 | 03 | | XA236 | 03 | | 16B | 9 | | | SPIO181 | 13 | KXGN1A | 01 | 1 | TQ2 | A3 | | 02A | |
| 34301 | | XA138 | 04 | | XA138 | 18 | | 16B | 9 | | | KXBSLOX | 03 | KXBIEA | 01 | 1 | TQ2 | A2 | | 04A | |
| 35017 | | XA138 | 05 | | XA138 | 10 | | 16B | 9 | | | KXXDRA | 02 | KXBIEA | 01 | 2 | TQ2 | A2 | | 03B | |
| 34162 | | XA138 | 06 | | | | | | | | | KXAIEA | 03 | KXAIEA | 00 | 1 | TQ2 | A1 | | 05A | |
| 35362 | | XA138 | 07 | | XA236 | 07 | | 16B | 9 | | | SPIO141 | 01 | KXGN1A | 01 | 2 | TQ2 | A3 | | 03A | |
| 34197 | | XA138 | 08 | | XA137 | 06 | | 16B | 9 | | | KXASLOX | 05 | KXAIEA | 01 | 1 | TQ2 | A1 | | 06A | |
| 34514 | | XA138 | 09 | | XA142 | 51 | | 16B | 9 | | | KXGN1A | 01 | KXGN1A | 00 | 1 | TQ2 | A3 | | 04B | SOFT GROUND |
| 35018 | | XA138 | 10 | | | | | | | | | KXXDRA | 03 | KXAIEA | 01 | 2 | TQ2 | A1 | | 07A | |
| 34580 | | XA138 | 11 | | XA142 | 76 | | 16B | 9 | | | KXPRSOX | 01 | KXPRSA | 01 | 1 | TQ2 | A4 | | 05B | |
| 33091 | | XA138 | 12 | | | | | | | | | +5V | 01 | | | | TQ2 | | | | |
| 35487 | | XA138 | 13 | | XA139 | 10 | | 16B | 9 | | | SPIO181 | 09 | KXPRSA | 01 | 2 | TQ2 | A4 | | 06B | |
| 34296 | | XA138 | 14 | | | | | | | | | KXBSLA | 02 | KXBSLA | 00 | 1 | TQ2 | B2 | | 09A | PORT B SELECT |
| 34576 | | XA138 | 15 | | XA131 | 22 | | 16B | 9 | | | KXPRSA | 01 | KXPRSA | 00 | 1 | TQ2 | A4 | | 07B | CAP PANEL RESET |
| 33473 | | XA138 | 16 | | | | | | | | | GND | 01 | | | | TQ2 | | | 01B | |
| 33833 | | XA138 | 17 | | XA122 | 55 | | 16B | 9 | | | KEYINOX | 02 | KEYINO | 01 | 1 | TQ2 | B3 | | 08B | |
| 34302 | | XA138 | 18 | | XA137 | 55 | | 16B | 9 | | | KXBSLOX | 04 | KXBSLA | 01 | 1 | TQ2 | B2 | | 10A | |
| 35486 | | XA138 | 19 | | XA138 | 13 | | 16B | 9 | | | SPIO181 | 08 | KEYINO | 01 | 2 | TQ2 | B3 | | 09B | |
| 35485 | | XA138 | 20 | | XA138 | 19 | | 16B | 9 | | | SPIO181 | 07 | KXBSLA | 01 | 2 | TQ2 | B2 | | 11A | |
| 33830 | | XA138 | 21 | | XA114 | 34 | | 16B | 9 | | | KEYINO | 01 | KEYINO | 00 | 1 | TQ2 | B3 | | 10B | |
| 34190 | | XA138 | 22 | | | | | | | | | KXASLA | 02 | KXASLA | 00 | 1 | TQ2 | B1 | | 12A | PORT A SELECT |
| 34801 | | XA138 | 23 | | | | | | | | | KXST1A | 03 | KXRS00 | 01 | 1 | TQ2 | B4 | | 11B | |
| 34196 | | XA138 | 24 | | XA138 | 08 | | 16B | 9 | | | KXASLOX | 04 | KXASLA | 01 | 1 | TQ2 | B1 | | 13A | |
| 35483 | | XA138 | 25 | | XA138 | 26 | | 16B | 9 | | | SPIO181 | 05 | KXRS00 | 01 | 2 | TQ2 | B4 | | 12B | |
| 35484 | | XA138 | 26 | | XA138 | 20 | | 16B | 9 | | | SPIO181 | 06 | KXASLA | 01 | 2 | TQ2 | B1 | | 14A | |
| 34683 | | XA138 | 27 | | XA135 | 08 | | 16B | 9 | | | KXRS00 | 04 | KXRS00 | 00 | 1 | TQ2 | B4 | | 13B | |
| 33092 | | XA138 | 28 | | | | | | | | | +5V | 01 | | | | TQ2 | | | | |
| 34609 | | XA138 | 29 | | XA236 | 51 | | 16B | 9 | | | KXRPCS | 02 | KXRPCR | 01 | 1 | TQ2 | C3 | | 14B | |
| 34600 | | XA138 | 30 | | XA139 | 34 | | 16B | 9 | | | KXRENK | 03 | KXRENK | 00 | 1 | TQ2 | C2 | | 15A | |
| 34614 | | XA138 | 31 | | XA138 | 36 | | 16B | 9 | | | KXRRSA | 02 | KXRPCR | 01 | 2 | TQ2 | C3 | | 15B | |
| 33474 | | XA138 | 32 | | | | | | | | | GND | 01 | | | | TQ2 | | | 20B | |
| 34606 | | XA138 | 33 | | XA139 | 29 | | 16B | 9 | | | KXRPCR | 02 | KXRPCR | 00 | 1 | TQ2 | C3 | | 16B | |
| 34603 | | XA138 | 34 | | XA125 | 08 | | 16B | 9 | | | KXRENS | 02 | KXRENK | 01 | 1 | TQ2 | C2 | | 16A | |
| 34899 | | XA138 | 35 | | XA132 | 50 | | 16B | 9 | | | KXXBCA | 01 | KXXBCA | 01 | 1 | TQ2 | C4 | | 17B | |
| 34615 | | XA138 | 36 | | XA138 | 42 | | 16B | 9 | | | KXRRSA | 03 | KXRENK | 01 | 2 | TQ2 | C2 | | 17A | |
| 35482 | | XA138 | 37 | | XA138 | 25 | | 16B | 9 | | | SPIO181 | 04 | KXXBCA | 01 | 2 | TQ2 | C4 | | 18B | |
| 34592 | | XA138 | 38 | | XA139 | 40 | | 16B | 9 | | | KXR0MS | 03 | KXR0MS | 00 | 1 | TQ2 | C1 | | 18A | |
| 34898 | | XA138 | 39 | | | | | | | | | KXXBCA | 04 | KXXBCA | 00 | 1 | TQ2 | C4 | | 19B | RESET I/O BYTE COM |
| 34596 | | XA138 | 40 | | XA132 | 46 | | 16B | 9 | | | KXR0MS | 03 | KXR0MS | 01 | 1 | TQ2 | C1 | | 19A | |
| 34739 | | XA138 | 41 | | XA139 | 45 | | 16B | 9 | | | KXR2CS | 03 | KXR2CR | 01 | 1 | TQ2 | D3 | | 22B | |
| CONNECTOR | XA138 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | |

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 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 69

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-----|--------|-----------|-----|-----|-------------|------|-------|-------|--------|---------|----------|--------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | INT | PREFIX | CONNECTOR | PIN | INT | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 34616 | | XA138 | 42 | | | XA138 | 43 | | | | 16B | 9 | | KXRRSA | 04 | KXRCMR | 01 | 2 | TQ2 | C1 | | 20A | |
| 34617 | | XA138 | 43 | | | XA138 | 49 | | | | 16B | 9 | | KXRRSA | 05 | KXR2CR | 01 | 2 | TQ2 | D3 | | 23B | |
| 34745 | | XA138 | 44 | | | | | | | | | | | GND | 01 | | | | TQ2 | | | 21B | |
| 34734 | | XA138 | 45 | | | XA131 | 48 | | | | 16B | 9 | | KXR2CR | 02 | KXR2CR | 00 | 1 | TQ2 | D3 | | 24B | |
| 34726 | | XA138 | 46 | | | XA131 | 46 | | | | 16B | 9 | | KXR1CR | 02 | KXR1CR | 00 | 1 | TQ2 | D2 | | 21A | |
| 34745 | | XA138 | 47 | | | XA236 | 49 | | | | 16B | 9 | | KXR3CS | 02 | KXR3CR | 01 | 1 | TQ2 | D4 | | 25B | |
| 34730 | | XA138 | 48 | | | XA236 | 45 | | | | 16B | 9 | | KXR1CS | 02 | KXR1CR | 01 | 1 | TQ2 | D2 | | 22A | |
| 34618 | | XA138 | 49 | | | XA138 | 50 | | | | 16B | 9 | | KXRRSA | 06 | KXR3CR | 01 | 2 | TQ2 | D4 | | 24B | |
| 34619 | | XA138 | 50 | | | XA138 | 56 | | | | 16B | 9 | | KXRRSA | 07 | KXR1CR | 01 | 2 | TQ2 | D2 | | 23A | |
| 34742 | | XA138 | 51 | | | XA131 | 49 | | | | 16B | 9 | | KXR3CR | 02 | KXR3CR | 00 | 1 | TQ2 | D4 | | 27B | |
| 34696 | | XA138 | 52 | | | XA131 | 43 | | | | 16B | 9 | | KXR0CR | 02 | KXR0CR | 00 | 1 | TQ2 | D1 | | 24A | |
| 34775 | | XA138 | 53 | | | XA139 | 57 | | | | 16B | 9 | | KXR6CS | 04 | KXR6CR | 01 | 1 | TQ2 | E3 | | 28B | |
| 34699 | | XA138 | 54 | | | XA236 | 43 | | | | 16B | 9 | | KXR0CS | 02 | KXR0CR | 01 | 1 | TQ2 | D1 | | 25A | |
| 34621 | | XA138 | 55 | | | XA138 | 61 | | | | 16B | 9 | | KXRRSA | 09 | KXR6CR | 01 | 2 | TQ2 | E3 | | 29B | |
| 34620 | | XA138 | 56 | | | XA138 | 55 | | | | 16B | 9 | | KXRRSA | 08 | KXR0CR | 01 | 2 | TQ2 | D1 | | 26A | |
| 34770 | | XA138 | 57 | | | XA131 | 54 | | | | 16B | 9 | | KXR6CR | 02 | KXR6CR | 00 | 1 | TQ2 | E3 | | 30B | |
| 3476 | | XA138 | 58 | | | | | | | | | | | GND | 01 | | | | TQ2 | | | 27A | |
| 34784 | | XA138 | 59 | | | XA139 | 63 | | | | 16B | 9 | | KXR7CS | 04 | KXR7CR | 01 | 1 | TQ2 | E4 | | 31B | |
| 34761 | | XA138 | 60 | | | XA131 | 52 | | | | 16B | 9 | | KXR5CR | 02 | KXR5CR | 00 | 1 | TQ2 | E2 | | 28A | |
| 34622 | | XA138 | 61 | | | XA138 | 64 | | | | 16B | 9 | | KXRRSA | 10 | KXR7CR | 01 | 2 | TQ2 | E4 | | 32B | |
| 34767 | | XA138 | 62 | | | XA128 | 62 | | | | 16B | 9 | | KXR5CS | 05 | KXR5CR | 01 | 1 | TQ2 | E2 | | 29A | |
| 34779 | | XA138 | 63 | | | XA131 | 56 | | | | 16B | 9 | | KXR7CR | 02 | KXR7CR | 00 | 1 | TQ2 | F4 | | 33B | |
| 34623 | | XA138 | 64 | | | XA138 | 70 | | | | 16B | 9 | | KXRRSA | 11 | KXR5CR | 01 | 2 | TQ2 | E2 | | 30A | |
| 35481 | | XA138 | 65 | | | XA138 | 37 | | | | 16B | 9 | | SPI0181 | 03 | | 01 | 1 | TQ2 | E3 | | 34B | |
| 34750 | | XA138 | 66 | | | XA131 | 50 | | | | 16B | 9 | | KXR4CR | 02 | KXR4CR | 00 | 1 | TQ2 | E1 | | 31A | |
| 3477 | | XA138 | 67 | | | | | | | | | | | GND | 01 | | | | TQ2 | | | 40A | |
| 34757 | | XA138 | 68 | | | XA137 | 75 | | | | 16B | 9 | | KXR4CS | 05 | KXR4CR | 01 | 1 | TQ2 | E1 | | 32A | |
| 36784 | | XA138 | 69 | | | | | | | | | | | SPO | 01 | | 00 | 1 | TQ2 | F3 | | 35A | |
| 34624 | | XA138 | 70 | | | | | | | | | | | KXRRSA | 12 | KXR4CR | 01 | 2 | TQ2 | E1 | | 33A | |
| 35053 | | XA138 | 71 | | | XA137 | 69 | | | | 16B | 9 | | KXX050 | 01 | KXX050 | 01 | 1 | TQ2 | F2 | | 36A | |
| 35056 | | XA138 | 72 | | | XA137 | 78 | | | | 16B | 9 | | KXX050 | 02 | KXX050 | 00 | 1 | TQ2 | F2 | | 34A | |
| 35512 | | XA138 | 73 | | | XA138 | 76 | | | | 16B | 9 | | SPI0181 | 34 | KXX050 | 01 | 2 | TQ2 | F2 | | 34B | |
| 35397 | | XA138 | 74 | | | XA144 | 66 | | | | 16B | 9 | | SPI0141 | 36 | | 01 | 2 | TQ2 | F3 | | 35B | |
| 34892 | | XA138 | 75 | | | | | | | | | | | KXXA50 | 05 | KXXA50 | 00 | 1 | TQ2 | F1 | | 37B | |
| 35513 | | XA138 | 76 | | | XA144 | 78 | | | | 16B | 9 | | SPI0181 | 35 | | 01 | 1 | TQ2 | F4 | | 37A | |
| 34886 | | XA138 | 77 | | | XA135 | 60 | | | | 16B | 9 | | KXXA5A | 01 | KXXA50 | 01 | 1 | TQ2 | F1 | | 38B | |
| 35530 | | XA138 | 78 | | | XA142 | 71 | | | | 16B | 9 | | SPI0191 | 16 | | 01 | 2 | TQ2 | F4 | | 38A | |
| 35511 | | XA138 | 79 | | | XA138 | 73 | | | | 16B | 9 | | SPI0181 | 33 | KXXA50 | 01 | 2 | TQ2 | F1 | | 39B | |
| 36785 | | XA138 | 80 | | | | | | | | | | | SPO | 01 | | 00 | 1 | TQ2 | F4 | | 39A | |
| 34171 | | XA139 | 01 | | | | | | | | | | | KXAIE0 | 09 | KXAIE0 | 00 | 1 | TQ2 | A2 | | 02B | |
| 3478 | | XA139 | 02 | | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01A | |
| 34161 | | XA139 | 03 | | | XA138 | 06 | | | | 16B | 9 | | KXAIEA | 02 | KXAIE0 | 01 | 1 | TQ2 | A3 | | 02A | |
| 34160 | | XA139 | 04 | | | XA139 | 03 | | | | 16B | 9 | | KXAIEA | 01 | KXAIE0 | 01 | 1 | TQ2 | A2 | | 04A | |
| 35490 | | XA139 | 05 | | | XA138 | 03 | | | | 16B | 9 | | SPI0181 | 12 | KXAIE0 | 01 | 2 | TQ2 | A2 | | 03B | |
| 35016 | | XA139 | 06 | | | XA138 | 05 | | | | 16B | 9 | | KXXDRA | 01 | KXXDRA | 00 | 1 | TQ2 | A1 | | 05A | |
| 35489 | | XA139 | 07 | | | XA139 | 05 | | | | 16B | 9 | | SPI0181 | 11 | KXAIE0 | 01 | 2 | TQ2 | A3 | | 03A | |
| 35020 | | XA139 | 08 | | | | | | | | | | | KXXDRO | 02 | KXXDRA | 01 | 1 | TQ2 | A1 | | 06A | |
| 34172 | | XA139 | 09 | | | XA241 | 29 | | | | 16B | 9 | | KXAIE0 | 01 | KXAIE0 | 00 | 1 | TQ2 | A3 | | 04B | |
| CONNECTOR XA139 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA139
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 70

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CHK OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 35488 | XA139 | 10 | | XA139 | 07 | | | 16B | 9 | | SPIO181 | 10 | KXXDRA | 01 | 2 | TQ2 | A1 | | 07A | | |
| 34271 | XA139 | 11 | | XA139 | 24 | | | 16B | 9 | | KXBIEA | 02 | KXBIEO | 01 | 1 | TQ2 | A4 | | 05B | | |
| 33093 | XA139 | 12 | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 35543 | XA139 | 13 | | XA139 | 17 | | | 16B | 9 | | SPIO201 | 01 | KXBIEO | 01 | 2 | TQ2 | A4 | | 06B | | |
| 33814 | XA139 | 14 | | XA113 | 50 | | | 16B | 9 | | KENINO | 01 | KENINO | 00 | 1 | TQ2 | B2 | | 09A | | |
| 34277 | XA139 | 15 | | XA240 | 11 | | | 16B | 9 | | KXBIEO | 05 | KXBIEO | 00 | 1 | TQ2 | A4 | | 07B | PORT B DATA RECEIV | |
| 33479 | XA139 | 16 | | | | | | | | | GND | 01 | | | | TQ2 | | | 01B | | |
| 35544 | XA139 | 17 | | XA139 | 20 | | | 16B | 9 | | SPIO201 | 02 | KXGN4A | 01 | 1 | TQ2 | B3 | | 08B | | |
| 34585 | XA139 | 18 | | XA134 | 09 | | | 16B | 9 | | KXRAF6T | 01 | KENINO | 01 | 1 | TQ2 | B2 | | 10A | | |
| 35515 | XA139 | 19 | | XA138 | 78 | | | 16B | 9 | | SPIO191 | 01 | KXGN4A | 01 | 2 | TQ2 | B3 | | 09B | | |
| 35545 | XA139 | 20 | | XA139 | 26 | | | 16B | 9 | | SPIO201 | 03 | KENINO | 01 | 2 | TQ2 | B2 | | 11A | | |
| 34547 | XA139 | 21 | | XA134 | 59 | | | 16B | 9 | | KXGN4A | 01 | KXGN4A | 00 | 1 | TQ2 | B3 | | 10B | | |
| 34285 | XA139 | 22 | | | | | | | | | KXBIF0 | 04 | KXBIF0 | 00 | 1 | TQ2 | B1 | | 12A | | |
| 36920 | XA139 | 23 | | | | | | | | | T04MHK | 03 | K04MZ0 | 01 | 1 | TQ2 | B4 | | 11B | | |
| 34272 | XA139 | 24 | | | | | | | | | KXBIEA | 03 | KXBIF0 | 01 | 1 | TQ2 | B1 | | 13A | | |
| 35547 | XA139 | 25 | | XA139 | 37 | | | 16B | 9 | | SPIO201 | 05 | K04MZ0 | 01 | 2 | TQ2 | B4 | | 12B | | |
| 35546 | XA139 | 26 | | XA139 | 25 | | | 16B | 9 | | SPIO201 | 04 | KXBIF0 | 01 | 2 | TQ2 | B1 | | 14A | | |
| 35095 | XA139 | 27 | | | | | | | | | K04MZ0 | 03 | K04MZ0 | 00 | 1 | TQ2 | B4 | | 13B | 4 MHZ RECEIVER | |
| 33094 | XA139 | 28 | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 34607 | XA139 | 29 | | | | | | | | | KXRPCR | 03 | KXRPCS | 01 | 1 | TQ2 | C3 | | 14B | | |
| 34602 | XA139 | 30 | | XA138 | 34 | | | 16B | 9 | | KXRENS | 01 | KXRENS | 00 | 1 | TQ2 | C2 | | 15A | | |
| 34179 | XA139 | 31 | | | | | | | | | KXAPCB4 | 04 | KXRPCS | 01 | 2 | TQ2 | C3 | | 15B | | |
| 33480 | XA139 | 32 | | | | | | | | | GND | 01 | | | | TQ2 | | | 20B | | |
| 34608 | XA139 | 33 | | XA138 | 29 | | | 16B | 9 | | KXRPCS | 01 | KXRPCS | 00 | 1 | TQ2 | C3 | | 16B | | |
| 34601 | XA139 | 34 | | | | | | | | | KXRENr | 04 | KXRENS | 01 | 1 | TQ2 | C2 | | 16A | | |
| 34847 | XA139 | 35 | | XA131 | 47 | | | 16B | 9 | | KXXACO | 01 | KXXACA | 01 | 1 | TQ2 | C4 | | 17B | | |
| 34152 | XA139 | 36 | | XA240 | 33 | | | 16B | 9 | | KXAENB4 | 01 | KXRENS | 01 | 2 | TQ2 | C2 | | 17A | | |
| 35548 | XA139 | 37 | | XA240 | 37 | | | 16B | 9 | | SPIO201 | 06 | KXXACA | 01 | 2 | TQ2 | C4 | | 18B | | |
| 34595 | XA139 | 38 | | XA138 | 40 | | | 16B | 9 | | KXRCMS | 02 | KXRCMS | 00 | 1 | TQ2 | C1 | | 18A | I/O INPUT REG COMM | |
| 34840 | XA139 | 39 | | XA137 | 56 | | | 16B | 9 | | KXXACA | 01 | KXXACA | 00 | 1 | TQ2 | C4 | | 19B | | |
| 34593 | XA139 | 40 | | | | | | | | | KXRCMR | 04 | KXRCMS | 01 | 1 | TQ2 | C1 | | 19A | | |
| 34733 | XA139 | 41 | | XA138 | 45 | | | 16B | 9 | | KXR2CR | 01 | KXR2CS | 01 | 1 | TQ2 | D3 | | 22B | | |
| 34144 | XA139 | 42 | | XA240 | 30 | | | 16B | 9 | | KXACMB4 | 01 | KXRCMS | 01 | 2 | TQ2 | C1 | | 20A | | |
| 34220 | XA139 | 43 | | XA240 | 09 | | | 16B | 9 | | KXA2CB4 | 01 | KXR2CS | 01 | 2 | TQ2 | D3 | | 23B | | |
| 33481 | XA139 | 44 | | | | | | | | | GND | 01 | | | | TQ2 | | | 21B | | |
| 34740 | XA139 | 45 | | | | | | | | | KXR2CS | 04 | KXR2CS | 00 | 1 | TQ2 | D3 | | 24B | | |
| 34729 | XA139 | 46 | | XA138 | 48 | | | 16B | 9 | | KXR1CS | 01 | KXR1CS | 00 | 1 | TQ2 | D2 | | 21A | | |
| 34741 | XA139 | 47 | | XA138 | 51 | | | 16B | 9 | | KXR3CR | 01 | KXR3CS | 01 | 1 | TQ2 | D4 | | 25B | | |
| 34725 | XA139 | 48 | | XA138 | 46 | | | 16B | 9 | | KXR1CR | 01 | KXR1CS | 01 | 1 | TQ2 | D2 | | 22A | | |
| 34230 | XA139 | 49 | | | | | | | | | KXA3CB4 | 04 | KXR3CS | 01 | 2 | TQ2 | D4 | | 26B | | |
| 34216 | XA139 | 50 | | | | | | | | | KXA1CB4 | 04 | KXR1CS | 01 | 2 | TQ2 | D2 | | 23A | | |
| 34744 | XA139 | 51 | | XA138 | 47 | | | 16B | 9 | | KXR3CS | 01 | KXR3CS | 00 | 1 | TQ2 | D4 | | 27B | | |
| 34698 | XA139 | 52 | | XA138 | 54 | | | 16B | 9 | | KXROCS | 01 | KXROCS | 00 | 1 | TQ2 | D1 | | 24A | | |
| 34769 | XA139 | 53 | | XA138 | 57 | | | 16B | 9 | | KXR6CR | 01 | KXR6CS | 01 | 1 | TQ2 | E3 | | 28B | | |
| 34695 | XA139 | 54 | | XA138 | 52 | | | 16B | 9 | | KXROCR | 01 | KXROCS | 01 | 1 | TQ2 | D1 | | 25A | | |
| 34251 | XA139 | 55 | | | | | | | | | KXA6CB4 | 04 | KXR6CS | 01 | 2 | TQ2 | E3 | | 29B | | |
| 34202 | XA139 | 56 | | XA240 | 06 | | | 16B | 9 | | KXA0CB4 | 01 | KXROCS | 01 | 2 | TQ2 | D1 | | 26A | | |
| 34776 | XA139 | 57 | | XA128 | 77 | | | 16B | 9 | | KXR6CS | 05 | KXR6CS | 00 | 1 | TQ2 | E3 | | 30B | | |
| 33482 | XA139 | 58 | | | | | | | | | GND | 01 | | | | TQ2 | | | 27A | | |
| 34778 | XA139 | 59 | | XA138 | 63 | | | 16B | 9 | | KXR7CR | 01 | KXR7CS | 01 | 1 | TQ2 | E4 | | 31B | | |
| CONNECTOR XA139 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA139
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 71

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DR PC | PREFIX | CONNECTOR | PIN | DR PC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 34766 | | XA139 | 60 | | | XA138 | 62 | | | 16B | 9 | | KXR5CS | 04 | KXR5CS | 00 | 1 | TQ2 | E2 | | 28A | | |
| 34255 | | XA139 | 61 | | | XA240 | 27 | | | 16B | 9 | | KXA7CB4 | 01 | KXR7CS | 01 | 2 | TQ2 | E4 | | 32B | | |
| 34760 | | XA139 | 62 | | | XA138 | 60 | | | 16B | 9 | | KXR5CR | 01 | KXR5CS | 01 | 1 | TQ2 | E2 | | 29A | | |
| 34785 | | XA139 | 63 | | | XA128 | 71 | | | 16B | 9 | | KXR7CS | 05 | KXR7CS | 00 | 1 | TQ2 | E4 | | 33B | | |
| 34244 | | XA139 | 64 | | | | | | | | | | KXA5CB4 | 04 | KXR5CS | 01 | 2 | TQ2 | E2 | | 30A | | |
| 34933 | | XA139 | 65 | | | | | | | | | | KXXB2A | 04 | KXXB20 | 01 | 1 | TQ2 | F3 | | 34B | | |
| 34756 | | XA139 | 66 | | | XA138 | 68 | | | 16B | 9 | | KXR4CS | 04 | KXR4CS | 00 | 1 | TQ2 | E1 | | 31A | | |
| 33483 | | XA139 | 67 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 40A | | |
| 34749 | | XA139 | 68 | | | XA138 | 66 | | | 16B | 9 | | KXR4CR | 01 | KXR4CS | 01 | 1 | TQ2 | E1 | | 32A | | |
| 34945 | | XA139 | 69 | | | | | | | | | | KXXB20 | 05 | KXXB20 | 00 | 1 | TQ2 | F3 | | 35A | I/O BYTE COUNTER | |
| 34237 | | XA139 | 70 | | | | | | | | | | KXA4CB4 | 04 | KXR4CS | 01 | 2 | TQ2 | E1 | | 33A | | |
| 34920 | | XA139 | 71 | | | | | | | | | | KXXB1A | 02 | KXXB10 | 01 | 1 | TQ2 | F2 | | 36A | | |
| 34929 | | XA139 | 72 | | | | | | | | | | KXXB10 | 04 | KXXB10 | 00 | 1 | TQ2 | F2 | | 34A | I/O BYTE COUNTER | |
| 35566 | | XA139 | 73 | | | XA139 | 79 | | | 16B | 9 | | SPI0201 | 24 | KXXB10 | 01 | 2 | TQ2 | F2 | | 36B | | |
| 35565 | | XA139 | 74 | | | XA139 | 73 | | | 16B | 9 | | SPI0201 | 23 | KXXB20 | 01 | 2 | TQ2 | F3 | | 35B | | |
| 34917 | | XA139 | 75 | | | XA135 | 18 | | | 16B | 9 | | KXXB00 | 01 | KXXB00 | 00 | 1 | TQ2 | F1 | | 37B | I/O BYTE COUNTER | |
| 34882 | | XA139 | 76 | | | XA135 | 66 | | | 16B | 9 | | KXXA4A | 01 | KXXA40 | 01 | 1 | TQ2 | F4 | | 37A | | |
| 34905 | | XA139 | 77 | | | XA135 | 52 | | | 16B | 9 | | KXXB0A | 01 | KXXB00 | 01 | 1 | TQ2 | F1 | | 38B | | |
| 35568 | | XA139 | 78 | | | XA240 | 78 | | | 16B | 9 | | SPI0201 | 26 | KXXA40 | 01 | 2 | TQ2 | F4 | | 38A | | |
| 35567 | | XA139 | 79 | | | XA139 | 78 | | | 16B | 9 | | SPI0201 | 25 | KXXB00 | 01 | 2 | TQ2 | F1 | | 39B | | |
| 34885 | | XA139 | 80 | | | | | | | | | | KXXA40 | 02 | KXXA40 | 00 | 1 | TQ2 | F4 | | 39A | I/O STATE COUNTER | |
| 45315 | | XA140 | 01 | | | | | | | | | | SPP | | | | | | | | | | |
| 44484 | | XA140 | 02 | | | | | | | | | | GND | 01 | | | | | | | | | |
| 45279 | | XA140 | 03 | | | | | | | | | | SPP | | | | | | | | | | |
| 45280 | | XA140 | 04 | | | | | | | | | | SPP | | | | | | | | | | |
| 45316 | | XA140 | 05 | | | | | | | | | | SPP | | | | | | | | | | |
| 45203 | | XA140 | 06 | | | | | | | | | | SPP | | | | | | | | | | |
| 45319 | | XA140 | 07 | | | | | | | | | | SPP | | | | | | | | | | |
| 45281 | | XA140 | 08 | | | | | | | | | | SPP | | | | | | | | | | |
| 45318 | | XA140 | 09 | | | | | | | | | | SPP | | | | | | | | | | |
| 45309 | | XA140 | 10 | | | | | | | | | | SPP | | | | | | | | | | |
| 45278 | | XA140 | 11 | | | | | | | | | | SPP | | | | | | | | | | |
| 44095 | | XA140 | 12 | | | | | | | | | | +5V | 01 | | | | | | | | | |
| 45322 | | XA140 | 13 | | | | | | | | | | SPP | | | | | | | | | | |
| 45243 | | XA140 | 14 | | | | | | | | | | SPP | | | | | | | | | | |
| 45321 | | XA140 | 15 | | | | | | | | | | SPP | | | | | | | | | | |
| 44485 | | XA140 | 16 | | | | | | | | | | GND | 01 | | | | | | | | | |
| 45276 | | XA140 | 17 | | | | | | | | | | SPP | | | | | | | | | | |
| 45275 | | XA140 | 18 | | | | | | | | | | SPP | | | | | | | | | | |
| 45331 | | XA140 | 19 | | | | | | | | | | SPP | | | | | | | | | | |
| 45328 | | XA140 | 20 | | | | | | | | | | SPP | | | | | | | | | | |
| 45250 | | XA140 | 21 | | | | | | | | | | SPP | | | | | | | | | | |
| 45324 | | XA140 | 22 | | | | | | | | | | SPP | | | | | | | | | | |
| 45273 | | XA140 | 23 | | | | | | | | | | SPP | | | | | | | | | | |
| 45274 | | XA140 | 24 | | | | | | | | | | SPP | | | | | | | | | | |
| 45334 | | XA140 | 25 | | | | | | | | | | SPP | | | | | | | | | | |
| 45325 | | XA140 | 26 | | | | | | | | | | SPP | | | | | | | | | | |
| 45256 | | XA140 | 27 | | | | | | | | | | SPP | | | | | | | | | | |
| CONNECTOR XA140 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA140
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 72

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|--|--------|-----------|-----|-----|--------|-----------|------|------|-------|------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PIN | PREFIX | CONNECTOR | PIN | WIRE | GROUP | CODE | COLOR | | | | | | | | | | | |
| 44096 | | XA140 | 28 | | | | | | | | | +5V | 01 | | | | | | | | | |
| 47954 | | XA140 | 28 | | | | | | | | | +5VLOG2 | 02 | | | | | | | | | |
| 45284 | | XA140 | 29 | | | | | | | | | SPP | | | | | | | | | | |
| 45262 | | XA140 | 30 | | | | | | | | | SPP | | | | | | | | | | |
| 45268 | | XA140 | 31 | | | | | | | | | SPP | | | | | | | | | | |
| 44486 | | XA140 | 32 | | | | | | | | | GND | 01 | | | | | | | | | |
| 45153 | | XA140 | 33 | | | | | | | | | SPP | | | | | | | | | | |
| 45283 | | XA140 | 34 | | | | | | | | | SPP | | | | | | | | | | |
| 45291 | | XA140 | 35 | | | | | | | | | SPP | | | | | | | | | | |
| 45264 | | XA140 | 36 | | | | | | | | | SPP | | | | | | | | | | |
| 46549 | | XA140 | 37 | | | | | | | | | SPP | | | | | | | | | | |
| 45286 | | XA140 | 38 | | | | | | | | | SPP | | | | | | | | | | |
| 47842 | | XA140 | 39 | | | | | | | | | SPP | | | | | | | | | | |
| 45282 | | XA140 | 40 | | | | | | | | | SPP | | | | | | | | | | |
| 46517 | | XA140 | 41 | | | | | | | | | SPP | | | | | | | | | | |
| 45287 | | XA140 | 42 | | | | | | | | | SPP | | | | | | | | | | |
| 46559 | | XA140 | 43 | | | | | | | | | SPP | | | | | | | | | | |
| 44487 | | XA140 | 44 | | | | | | | | | GND | 01 | | | | | | | | | |
| 47898 | | XA140 | 45 | | | | | | | | | SPP | | | | | | | | | | |
| 47897 | | XA140 | 46 | | | | | | | | | SPP | | | | | | | | | | |
| 46516 | | XA140 | 47 | | | | | | | | | SPP | | | | | | | | | | |
| 46553 | | XA140 | 48 | | | | | | | | | SPP | | | | | | | | | | |
| 46558 | | XA140 | 49 | | | | | | | | | SPP | | | | | | | | | | |
| 46520 | | XA140 | 50 | | | | | | | | | SPP | | | | | | | | | | |
| 47899 | | XA140 | 51 | | | | | | | | | SPP | | | | | | | | | | |
| 47896 | | XA140 | 52 | | | | | | | | | SPP | | | | | | | | | | |
| 46557 | | XA140 | 53 | | | | | | | | | SPP | | | | | | | | | | |
| 46524 | | XA140 | 54 | | | | | | | | | SPP | | | | | | | | | | |
| 46525 | | XA140 | 55 | | | | | | | | | SPP | | | | | | | | | | |
| 46556 | | XA140 | 56 | | | | | | | | | SPP | | | | | | | | | | |
| 47902 | | XA140 | 57 | | | | | | | | | SPP | | | | | | | | | | |
| 44488 | | XA140 | 58 | | | | | | | | | GND | 01 | | | | | | | | | |
| 46526 | | XA140 | 59 | | | | | | | | | SPP | | | | | | | | | | |
| 47901 | | XA140 | 60 | | | | | | | | | SPP | | | | | | | | | | |
| 46560 | | XA140 | 61 | | | | | | | | | SPP | | | | | | | | | | |
| 46561 | | XA140 | 62 | | | | | | | | | SPP | | | | | | | | | | |
| 47903 | | XA140 | 63 | | | | | | | | | SPP | | | | | | | | | | |
| 46538 | | XA140 | 64 | | | | | | | | | SPP | | | | | | | | | | |
| 46527 | | XA140 | 65 | | | | | | | | | SPP | | | | | | | | | | |
| 47900 | | XA140 | 66 | | | | | | | | | SPP | | | | | | | | | | |
| 44489 | | XA140 | 67 | | | | | | | | | GND | 01 | | | | | | | | | |
| 46537 | | XA140 | 68 | | | | | | | | | SPP | | | | | | | | | | |
| 47906 | | XA140 | 69 | | | | | | | | | SPP | | | | | | | | | | |
| 46562 | | XA140 | 70 | | | | | | | | | SPP | | | | | | | | | | |
| 46528 | | XA140 | 71 | | | | | | | | | SPP | | | | | | | | | | |
| 47905 | | XA140 | 72 | | | | | | | | | SPP | | | | | | | | | | |
| 46564 | | XA140 | 73 | | | | | | | | | SPP | | | | | | | | | | |
| 46563 | | XA140 | 74 | | | | | | | | | SPP | | | | | | | | | | |
| 47904 | | XA140 | 75 | | | | | | | | | SPP | | | | | | | | | | |
| 46531 | | XA140 | 76 | | | | | | | | | SPP | | | | | | | | | | |
| CONNECTOR (XA140) CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA140
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 73

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | | SIGNAL | SEG NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|---------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | WIRE NO | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 46529 | | XA140 | 77 | | | | | | | | | SPP | | | | | | | | | | |
| 46570 | | XA140 | 78 | | | | | | | | | SPP | | | | | | | | | | |
| 46569 | | XA140 | 79 | | | | | | | | | SPP | | | | | | | | | | |
| 47907 | | XA140 | 80 | | | | | | | | | SPP | | | | | | | | | | |
| 45217 | | XA141 | 01 | | | | | | | | | SPP | | | | | | | | | | |
| 44490 | | XA141 | 02 | | | | | | | | | GND | 01 | | | | | | | | | |
| 45170 | | XA141 | 03 | | | | | | | | | SPP | | | | | | | | | | |
| 45169 | | XA141 | 04 | | | | | | | | | SPP | | | | | | | | | | |
| 45218 | | XA141 | 05 | | | | | | | | | SPP | | | | | | | | | | |
| 45204 | | XA141 | 06 | | | | | | | | | SPP | | | | | | | | | | |
| 45225 | | XA141 | 07 | | | | | | | | | SPP | | | | | | | | | | |
| 45168 | | XA141 | 08 | | | | | | | | | SPP | | | | | | | | | | |
| 45222 | | XA141 | 09 | | | | | | | | | SPP | | | | | | | | | | |
| 45207 | | XA141 | 10 | | | | | | | | | SPP | | | | | | | | | | |
| 45167 | | XA141 | 11 | | | | | | | | | SPP | | | | | | | | | | |
| 44097 | | XA141 | 12 | | | | | | | | | +5V | 01 | | | | | | | | | |
| 45232 | | XA141 | 13 | | | | | | | | | SPP | | | | | | | | | | |
| 45245 | | XA141 | 14 | | | | | | | | | SPP | | | | | | | | | | |
| 45231 | | XA141 | 15 | | | | | | | | | SPP | | | | | | | | | | |
| 44491 | | XA141 | 16 | | | | | | | | | GND | 01 | | | | | | | | | |
| 45166 | | XA141 | 17 | | | | | | | | | SPP | | | | | | | | | | |
| 45165 | | XA141 | 18 | | | | | | | | | SPP | | | | | | | | | | |
| 45253 | | XA141 | 19 | | | | | | | | | SPP | | | | | | | | | | |
| 45246 | | XA141 | 20 | | | | | | | | | SPP | | | | | | | | | | |
| 45249 | | XA141 | 21 | | | | | | | | | SPP | | | | | | | | | | |
| 45235 | | XA141 | 22 | | | | | | | | | SPP | | | | | | | | | | |
| 45163 | | XA141 | 23 | | | | | | | | | SPP | | | | | | | | | | |
| 45164 | | XA141 | 24 | | | | | | | | | SPP | | | | | | | | | | |
| 45260 | | XA141 | 25 | | | | | | | | | SPP | | | | | | | | | | |
| 45239 | | XA141 | 26 | | | | | | | | | SPP | | | | | | | | | | |
| 45259 | | XA141 | 27 | | | | | | | | | SPP | | | | | | | | | | |
| 44098 | | XA141 | 28 | | | | | | | | | SPP | | | | | | | | | | |
| 45173 | | XA141 | 29 | | | | | | | | | +5V | 01 | | | | | | | | | |
| 45148 | | XA141 | 30 | | | | | | | | | SPP | | | | | | | | | | |
| 45158 | | XA141 | 31 | | | | | | | | | SPP | | | | | | | | | | |
| 44492 | | XA141 | 32 | | | | | | | | | GND | 01 | | | | | | | | | |
| 45154 | | XA141 | 33 | | | | | | | | | SPP | | | | | | | | | | |
| 45174 | | XA141 | 34 | | | | | | | | | SPP | | | | | | | | | | |
| 45185 | | XA141 | 35 | | | | | | | | | SPP | | | | | | | | | | |
| 45150 | | XA141 | 36 | | | | | | | | | SPP | | | | | | | | | | |
| 46550 | | XA141 | 37 | | | | | | | | | SPP | | | | | | | | | | |
| 45180 | | XA141 | 38 | | | | | | | | | SPP | | | | | | | | | | |
| 47818 | | XA141 | 39 | | | | | | | | | SPP | | | | | | | | | | |
| 45175 | | XA141 | 40 | | | | | | | | | SPP | | | | | | | | | | |
| 46551 | | XA141 | 41 | | | | | | | | | SPP | | | | | | | | | | |
| 45181 | | XA141 | 42 | | | | | | | | | SPP | | | | | | | | | | |
| 46518 | | XA141 | 43 | | | | | | | | | SPP | | | | | | | | | | |
| 44493 | | XA141 | 44 | | | | | | | | | GND | 01 | | | | | | | | | |
| CONNECTOR (XA141) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA141
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 74

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM FACTOR | CKT OR CHLP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|--------|-----------|------|--------|-------------|------|--------|---------|----------|-------------|------------------|-------|---------------------|--------------------|--------------------|-------------|
| | PREFIX | CONNECTOR | PIN | SH F C | PREFIX | CONNECTOR | PIN | SH F C | MULTI GROUP | CODE | | | | | | | | | | |
| 47910 | | XA141 | 45 | | | | | | | | | | | | | | | | | |
| 47909 | | XA141 | 46 | | | | | | | | | | | | | | | | | |
| 46519 | | XA141 | 47 | | | | | | | | | | | | | | | | | |
| 46554 | | XA141 | 48 | | | | | | | | | | | | | | | | | |
| 46552 | | XA141 | 49 | | | | | | | | | | | | | | | | | |
| 46521 | | XA141 | 50 | | | | | | | | | | | | | | | | | |
| 47911 | | XA141 | 51 | | | | | | | | | | | | | | | | | |
| 47908 | | XA141 | 52 | | | | | | | | | | | | | | | | | |
| 46523 | | XA141 | 53 | | | | | | | | | | | | | | | | | |
| 46522 | | XA141 | 54 | | | | | | | | | | | | | | | | | |
| 46581 | | XA141 | 55 | | | | | | | | | | | | | | | | | |
| 46555 | | XA141 | 56 | | | | | | | | | | | | | | | | | |
| 47914 | | XA141 | 57 | | | | | | | | | | | | | | | | | |
| 44494 | | XA141 | 58 | | | | | | | | | 01 | | | | | | | | |
| 46580 | | XA141 | 59 | | | | | | | | | | | | | | | | | |
| 47913 | | XA141 | 60 | | | | | | | | | | | | | | | | | |
| 46540 | | XA141 | 61 | | | | | | | | | | | | | | | | | |
| 46541 | | XA141 | 62 | | | | | | | | | | | | | | | | | |
| 47915 | | XA141 | 63 | | | | | | | | | | | | | | | | | |
| 46579 | | XA141 | 64 | | | | | | | | | | | | | | | | | |
| 46539 | | XA141 | 65 | | | | | | | | | | | | | | | | | |
| 47912 | | XA141 | 66 | | | | | | | | | | | | | | | | | |
| 44495 | | XA141 | 67 | | | | | | | | | 01 | | | | | | | | |
| 46536 | | XA141 | 68 | | | | | | | | | | | | | | | | | |
| 47918 | | XA141 | 69 | | | | | | | | | | | | | | | | | |
| 46578 | | XA141 | 70 | | | | | | | | | | | | | | | | | |
| 46574 | | XA141 | 71 | | | | | | | | | | | | | | | | | |
| 47917 | | XA141 | 72 | | | | | | | | | | | | | | | | | |
| 46532 | | XA141 | 73 | | | | | | | | | | | | | | | | | |
| 46577 | | XA141 | 74 | | | | | | | | | | | | | | | | | |
| 47916 | | XA141 | 75 | | | | | | | | | | | | | | | | | |
| 46534 | | XA141 | 76 | | | | | | | | | | | | | | | | | |
| 46575 | | XA141 | 77 | | | | | | | | | | | | | | | | | |
| 46576 | | XA141 | 78 | | | | | | | | | | | | | | | | | |
| 46533 | | XA141 | 79 | | | | | | | | | | | | | | | | | |
| 47919 | | XA141 | 80 | | | | | | | | | | | | | | | | | |
| 36856 | | XA142 | 01 | | | | | | | | J | KXB3CDX | 01 | KXB3CDX | 00 | 1 | DCF | A7 | 02A | TA03BB BUSS |
| 48143 | | XA142 | 01 | | XA242 | 01 | | | 16B | 9 | P | KXB3CDX | 01 | TA03BB | 01 | 1 | DCF | A7 | 02A | |
| 33526 | | XA142 | 02 | | | | | | | | | GND | 01 | | | | DCF | | 01A | |
| 48425 | | XA142 | 02 | | | | | | | | | XA03BR | 06 | | | | DCF | | 01A | |
| 34323 | | XA142 | 03 | | | | | | | | | KXB3COX | 02 | KXB3COX | 00 | 1 | DCF | A8 | 03A | |
| 34822 | | XA142 | 04 | | XA143 | 04 | | | 16B | 9 | | KXS034U | 03 | KXB3COX | 01 | 1 | DCF | A8 | 04A | |
| 33529 | | XA142 | 05 | | | | | | | | | XA00RR | 06 | | | | DCF | | | |
| 34313 | | XA142 | 06 | | XA137 | 09 | | | 16B | 9 | | KXB0EA | 03 | KXB0COX | 01 | 1 | DCF | A1 | 05A | |
| 36845 | | XA142 | 06 | | | | | | | | M | KXB0EA | 01 | KXB2COX | 01 | 1 | DCF | A5 | 05A | |
| 36846 | | XA142 | 06 | | | | | | | | M | KXB0EA | 01 | KXB1COX | 01 | 1 | DCF | A3 | 05A | |
| 36847 | | XA142 | 06 | | | | | | | | M | KXB0EA | 01 | KXB3COX | 01 | 1 | DCF | A7 | 05A | |
| 36844 | | XA142 | 07 | | | | | | | | J | KXB0COX | 01 | KXB0COX | 00 | 1 | DCF | A1 | 02B | TA00BB BUSS |
| CONNECTOR XA142 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA142
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 75

| RECORD NUMBER | FROM | | | SH FC | TO | | | SH FC | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|---------------------------------|-------|--------|-----------|-----|-------|-------|------|-------|-------|--------|---------|----------|---------|------|------------------|-------|---------------------|--------------------|--------------------|-------------|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | | GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 48140 | | XA142 | 07 | | | | | | | | | | P | KX80CDX | 01 | TA008B | 01 | 1 | DCF | A1 | | 02B | |
| 34817 | | XA142 | 08 | | XA242 | 07 | | | 16B | 9 | | | | KXS033U | 02 | KXB2C0X | 01 | 1 | DCF | A6 | | 06A | |
| 34310 | | XA142 | 09 | | | | | | | | | | | KXB0C0X | 02 | KXB0C0X | 00 | 1 | DCF | A2 | | 03B | |
| 34320 | | XA142 | 10 | | | | | | | | | | | KXB2C0X | 02 | KXB2C0X | 00 | 1 | DCF | A6 | | 07A | |
| 34809 | | XA142 | 11 | | XA236 | 31 | | | 16B | 9 | | | | KXS031U | 02 | KXB0C0X | 01 | 1 | DCF | A2 | | 04B | |
| 33099 | | XA142 | 12 | | | | | | | | | | | +5V | 01 | | | | DCF | | | 08A | |
| 34813 | | XA142 | 13 | | XA236 | 33 | | | 16B | 9 | | | | KXS032U | 02 | KXB1C0X | 01 | 1 | DCF | A4 | | 05B | |
| 36855 | | XA142 | 14 | | | | | | | | | | J | KXB2CDX | 01 | KXB2C0X | 00 | 1 | DCF | A5 | | 08B | TA028B BUSS |
| 48142 | | XA142 | 14 | | XA242 | 14 | | | 16B | 9 | | | | KXB2CDX | 01 | TA028B | 01 | 1 | DCF | A5 | | 08B | |
| 34317 | | XA142 | 15 | | | | | | | | | | | KXB1C0X | 02 | KXB1C0X | 00 | 1 | DCF | A4 | | 06B | |
| 33530 | | XA142 | 16 | | | | | | | | | | | GND | 01 | | | | DCF | | | | |
| 48421 | | XA142 | 16 | | | | | | | | | | | XA02BR | 06 | | | | DCF | | | | |
| 36854 | | XA142 | 17 | | | | | | | | | | J | KXB1CDX | 01 | KXB1CDX | 00 | 1 | DCF | A3 | | 07B | TA018B BUSS |
| 48141 | | XA142 | 17 | | XA242 | 17 | | | 16B | 9 | | | | KXB1CDX | 01 | TA018B | 01 | 1 | DCF | A3 | | 07B | |
| 33226 | | XA142 | 18 | | | | | | | | | | | DNW | 01 | | | | DCF | | | | |
| 33533 | | XA142 | 19 | | | | | | | | | | | XA01BR | 06 | | | | DCF | | | | |
| 33227 | | XA142 | 20 | | | | | | | | | | | DNW | 01 | | | | DCF | | | | |
| 33537 | | XA142 | 21 | | | | | | | | | | | XA07BR | 06 | | | | DCF | | | | |
| 33228 | | XA142 | 22 | | | | | | | | | | | DNW | 01 | | | | DCF | | | | |
| 36860 | | XA142 | 23 | | | | | | | | | | J | KXB7CDX | 01 | KXB7C0X | 00 | 1 | DCF | B7 | | 10A | TA078B BUSS |
| 48147 | | XA142 | 23 | | XA242 | 23 | | | 16B | 9 | | | | KXB7CDX | 01 | TA078B | 01 | 1 | DCF | B7 | | 10A | |
| 33229 | | XA142 | 24 | | | | | | | | | | | DNW | 01 | | | | DCF | | | | |
| 33534 | | XA142 | 25 | | | | | | | | | | | XA04BR | 06 | | | | DCF | | | | |
| 33230 | | XA142 | 26 | | | | | | | | | | | DNW | 01 | | | | DCF | | | | |
| 36857 | | XA142 | 27 | | | | | | | | | | J | KXB4CDX | 01 | KXB4C0X | 00 | 1 | DCF | B1 | | 10B | TA048B BUSS |
| 48144 | | XA142 | 27 | | XA242 | 27 | | | 16B | 9 | | | | KXB4CDX | 01 | TA048B | 01 | 1 | DCF | B1 | | 10B | |
| 33100 | | XA142 | 28 | | | | | | | | | | | +5V | 01 | | | | DCF | | | 21B | |
| 34326 | | XA142 | 29 | | | | | | | | | | | KXB4C0X | 02 | KXB4C0X | 00 | 1 | DCF | B2 | | 11B | |
| 34335 | | XA142 | 30 | | | | | | | | | | | KXB7C0X | 02 | KXB7C0X | 00 | 1 | DCF | B8 | | 11A | |
| 34825 | | XA142 | 31 | | XA236 | 38 | | | 16B | 9 | | | | KXS471U | 02 | KXB4C0X | 01 | 1 | DCF | B2 | | 12B | |
| 33496 | | XA142 | 32 | | | | | | | | | | | GND | 01 | | | | DCF | | | | |
| 34830 | | XA142 | 33 | | XA143 | 33 | | | 16B | 9 | | | | KXS472U | 03 | KXB5C0X | 01 | 1 | DCF | B4 | | 13B | |
| 34838 | | XA142 | 34 | | XA143 | 34 | | | 16B | 9 | | | | KXS474U | 03 | KXB7C0X | 01 | 1 | DCF | B8 | | 12A | |
| 34329 | | XA142 | 35 | | | | | | | | | | | KXB5C0X | 02 | KXB5C0X | 00 | 1 | DCF | B4 | | 14B | |
| 34312 | | XA142 | 36 | | XA142 | 06 | | | 16B | 9 | | | | KXB0EA | 02 | KXB4C0X | 01 | 1 | DCF | B1 | | 13A | |
| 36848 | | XA142 | 36 | | | | | | | | | | M | KXB0EA | 01 | KXB7CDX | 01 | 1 | DCF | B7 | | 13A | |
| 36849 | | XA142 | 36 | | | | | | | | | | M | KXB0EA | 01 | KXB5C0X | 01 | 1 | DCF | B3 | | 13A | |
| 36850 | | XA142 | 36 | | | | | | | | | | M | KXB0EA | 01 | KXB6C0X | 01 | 1 | DCF | B5 | | 13A | |
| 36858 | | XA142 | 37 | | | | | | | | | | J | KXB5C0X | 01 | KXB5C0X | 00 | 1 | DCF | B3 | | 15B | TA058B BUSS |
| 48145 | | XA142 | 37 | | XA242 | 37 | | | 16B | 9 | | | | KXB5C0X | 01 | TA058B | 01 | 1 | DCF | B3 | | 15B | |
| 34833 | | XA142 | 38 | | XA236 | 34 | | | 16B | 9 | | | | KXS473U | 02 | KXB6C0X | 01 | 1 | DCF | B6 | | 14A | |
| 33538 | | XA142 | 39 | | | | | | | | | | | XA05BR | 06 | | | | DCF | | | | |
| 34332 | | XA142 | 40 | | | | | | | | | | | KXB6C0X | 02 | KXB6C0X | 00 | 1 | DCF | B6 | | 15A | |
| 36859 | | XA142 | 41 | | | | | | | | | | J | KXB6CDX | 01 | KXB6CDX | 00 | 1 | DCF | B5 | | 16A | TA068B BUSS |
| 48146 | | XA142 | 41 | | XA242 | 41 | | | 16B | 9 | | | | KXB6CDX | 01 | TA068B | 01 | 1 | DCF | B5 | | 16A | |
| 33541 | | XA142 | 42 | | | | | | | | | | | XA06BR | 06 | | | | DCF | | | 20B | |
| 36841 | | XA142 | 43 | | | | | | | | | | J | KXBPCDX | 01 | KXBPCDX | 00 | 1 | DCF | C7 | | 25A | TA0P8B BUSS |
| 48139 | | XA142 | 43 | | XA242 | 43 | | | 16B | 9 | | | | KXBPCDX | 01 | TA0P8B | 01 | 1 | DCF | C7 | | 25A | |
| 33545 | | XA142 | 44 | | | | | | | | | | | GND | 01 | | | | DCF | | | | |
| 48414 | | XA142 | 44 | | | | | | | | | | | XA0P8R | 06 | | | | DCF | | | | |
| CONNECTOR | | XA142 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA142
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 76

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | FCO NO |
|---------------|--------|-----------|---------------------------------|-------|--------|-----------|-----|-------|-------------|------|-------|---------|--------|---------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FC | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | COLOR | IDENY | | | | | | | | | | | |
| 33542 | XA142 | 45 | | | | | | | | | | XACMBR | 04 | | | | DCF | | | 27A | | | |
| 36837 | XA142 | 46 | | | | | | | | | | KXBCMDX | 01 | KXBCMDX | 00 | 1 | DCF | C1 | | 25B | TACMBB BUSS | | |
| 48136 | XA142 | 46 | | | XA242 | 46 | | | 16B | 9 | | KXBCMDX | 01 | TACMBB | 00 | 1 | DCF | C1 | | 25B | | | |
| 34265 | XA142 | 47 | | | | | | | | | | KXBCMOX | 03 | KXBCMOX | 00 | 1 | DCF | C2 | | 26B | | | |
| 34288 | XA142 | 48 | | | | | | | | | | KXBPCOX | 02 | KXBPCOX | 00 | 1 | DCF | C8 | | 26A | | | |
| 34516 | XA142 | 49 | | | XA143 | 49 | | | 16B | 9 | | KXGN1A | 03 | KXBCMOX | 01 | 1 | DCF | C2 | | 27B | | | |
| 34457 | XA142 | 50 | | | XA236 | 42 | | | 16B | 9 | | KXDSBPR | 02 | KXBPCOX | 01 | 1 | DCF | C8 | | 28A | | | |
| 34515 | XA142 | 51 | | | XA142 | 49 | | | 16B | 9 | | KXGN1A | 02 | KXBENOX | 01 | 1 | DCF | C4 | | 28B | | | |
| 34311 | XA142 | 52 | | | XA142 | 36 | | | 16B | 9 | | KXBOEA | 01 | KXBCMDX | 01 | 1 | DCF | C1 | | 29A | | | |
| 36851 | XA142 | 52 | | | | | | | | | | KXBOEA | 01 | KXBINDX | 01 | 1 | DCF | C5 | | 29A | | | |
| 36852 | XA142 | 52 | | | | | | | | | | KXBOEA | 01 | KXBPCDX | 01 | 1 | DCF | C7 | | 29A | | | |
| 36853 | XA142 | 52 | | | | | | | | | | KXBOEA | 01 | KXBENDX | 01 | 1 | DCF | C3 | | 29A | | | |
| 33546 | XA142 | 53 | | | | | | | | | | XAENBR | 06 | | | | DCF | | | | | | |
| 34419 | XA142 | 54 | | | XA132 | 63 | | | 16B | 9 | | KXDBIO | 02 | KXBINOX | 01 | 1 | DCF | C6 | | 30A | | | |
| 36838 | XA142 | 55 | | | | | | | | | | KXBENDX | 01 | KXBENDX | 00 | 1 | DCF | C3 | | 30B | TAENBB BUSS | | |
| 48137 | XA142 | 55 | | | XA242 | 55 | | | 16B | 9 | | KXBENDX | 01 | TAENBB | 00 | 1 | DCF | C3 | | 30B | | | |
| 34269 | XA142 | 56 | | | | | | | | | | KXBENOX | 03 | KXBENOX | 00 | 1 | DCF | C4 | | 29B | | | |
| 36840 | XA142 | 57 | | | | | | | | | | KXBINOX | 01 | KXBINOX | 00 | 1 | DCF | C6 | | 31A | | | |
| 33549 | XA142 | 58 | | | | | | | | | | GND | 01 | | | | DCF | | | | | | |
| 48407 | XA142 | 58 | | | | | | | | | | XAINBR | 06 | | | | DCF | | | | | | |
| 33550 | XA142 | 59 | | | | | | | | | | SPP | 01 | | | | DCF | | | | | | |
| 36839 | XA142 | 60 | | | | | | | | | | KXBINDX | 01 | KXBINDX | 00 | 1 | DCF | C5 | | 31B | TAINBB BUSS | | |
| 48138 | XA142 | 60 | | | XA242 | 60 | | | 16B | 9 | | KXBINDX | 01 | TAINBB | 01 | 1 | DCF | C5 | | 31B | | | |
| 36786 | XA142 | 61 | | | | | | | | | | SPO | 01 | | | | DCF | D7 | | 33A | | | |
| 33231 | XA142 | 62 | | | | | | | | | | DNW | 01 | | | | DCF | | | | | | |
| 33232 | XA142 | 63 | | | | | | | | | | DNW | 01 | | | | DCF | | | | | | |
| 33233 | XA142 | 64 | | | | | | | | | | DNW | 01 | | | | DCF | | | | | | |
| 34192 | XA142 | 65 | | | XA348 | 21 | | | 16B | 9 | | KXASLDX | 02 | KXASLDX | 00 | 1 | DCF | D1 | | 32B | | | |
| 33234 | XA142 | 66 | | | | | | | | | | DNW | 01 | | | | DCF | | | | | | |
| 33552 | XA142 | 67 | | | XA351 | 18 | | | 16B | 9 | | KXASLBG | 01 | | | | DCF | | | | | | |
| 48068 | XA142 | 67 | | | | | | | | | | GND | 01 | | | | DCF | | | | | | |
| 36787 | XA142 | 68 | | | | | | | | | | SPO | 01 | | | | DCF | | | | | | |
| 34194 | XA142 | 69 | | | XA137 | 61 | | | 16B | 9 | | KXASLOX | 02 | KXASLOX | 00 | 1 | DCF | D2 | | 33B | | | |
| 35292 | XA142 | 70 | | | XA236 | 27 | | | 16B | 9 | | SPI0071 | 02 | | | | DCF | D8 | | 35A | | | |
| 35535 | XA142 | 71 | | | XA144 | 76 | | | 16B | 9 | | SPI0191 | 21 | KXASLOX | 01 | 1 | DCF | D2 | | 34B | | | |
| 35573 | XA142 | 72 | | | XA241 | 78 | | | 16B | 9 | | SPI0211 | 02 | KXASLDX | 01 | 1 | DCF | D1 | | 36A | | | |
| 36894 | XA142 | 72 | | | | | | | | | | SPI0211 | 01 | KXPRSDX | 01 | 1 | DCF | D5 | | 36A | | | |
| 36895 | XA142 | 72 | | | | | | | | | | SPI0211 | 01 | KXBSLDX | 01 | 1 | DCF | D3 | | 36A | | | |
| 35242 | XA142 | 73 | | | XA134 | 43 | | | 16B | 9 | | SPI0041 | 04 | KXBLOX | 01 | 1 | DCF | D4 | | 35B | | | |
| 35280 | XA142 | 74 | | | XA236 | 22 | | | 16B | 9 | | SPI0061 | 02 | KXPRSOX | 01 | 1 | DCF | D6 | | 37A | | | |
| 34304 | XA142 | 75 | | | XA143 | 73 | | | 16B | 9 | | KXBLOX | 06 | KXBLOX | 00 | 1 | DCF | D4 | | 36B | | | |
| 34581 | XA142 | 76 | | | | | | | | | | KXPRSOX | 02 | KXPRSOX | 00 | 1 | DCF | D6 | | 38A | | | |
| 33555 | XA142 | 77 | | | XA351 | 20 | | | 16B | 9 | | KXBSLBG | 01 | | | | DCF | | | | | | |
| 34298 | XA142 | 78 | | | XA348 | 24 | | | 16B | 9 | | KXBSLDX | 02 | KXBSLDX | 00 | 1 | DCF | D3 | | 37B | | | |
| 33556 | XA142 | 79 | | | XA351 | 26 | | | 16B | 9 | | KXPRSBG | 01 | | | | DCF | | | 40B | | | |
| 34578 | XA142 | 80 | | | | | | | | | | KXPRSDX | 01 | KXPRSDX | 00 | 1 | DCF | D5 | | 38B | | A03 | |
| 36832 | XA143 | 01 | | | | | | | | | | KXA3CDX | 01 | KXA3CDX | 00 | 1 | DCF | A7 | | 02A | TA03AB BUSS | | |
| 48131 | XA143 | 01 | | | XA243 | 01 | | | 16B | 9 | | KXA3CDX | 01 | TA03AB | 01 | 1 | DCF | A7 | | 02A | | | |
| CONNECTOR | | XA143 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA143
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 77

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|--|--------|-----------|-----|-------|--------|-----------|------|-------|-------------|------|--------|---------|----------|---------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DR FG | PREFIX | CONNECTOR | PIN | DR FG | MULTI GROUP | CODE | | | | | | | | | | | |
| 33527 | | XA143 | 02 | | | | | | | | | GND | 01 | | | DCF | | | 01A | | |
| 48423 | | XA143 | 02 | | | | | | | | | XA03AR | 06 | | | DCF | | | 01A | | |
| 34233 | | XA143 | 03 | | | | | | | | | KXA3COX | 02 | KXA3COX | 00 | 1 | DCF | A8 | 03A | | |
| 34823 | | XA143 | 04 | | | | | | | | | KXS034U | 04 | KXA3COX | 01 | 1 | DCF | A8 | 04A | | |
| 33528 | | XA143 | 05 | | | | | | | | | XA00AR | 06 | | | DCF | | | | | |
| 34211 | | XA143 | 06 | | XA137 | 11 | | | 16B | 9 | | KXA0EA | 03 | KXA0CDX | 01 | 1 | DCF | A1 | 05A | | |
| 36821 | | XA143 | 06 | | | | | | | | M | KXA0EA | 01 | KXA3CDX | 01 | 1 | DCF | A7 | 05A | | |
| 36822 | | XA143 | 06 | | | | | | | | M | KXA0EA | 01 | KXA1CDX | 01 | 1 | DCF | A3 | 05A | | |
| 36823 | | XA143 | 06 | | | | | | | | M | KXA0EA | 01 | KXA2CDX | 01 | 1 | DCF | A5 | 05A | | |
| 36820 | | XA143 | 07 | | | | | | | | J | KXA0CDX | 01 | KXA0CDX | 00 | 1 | DCF | A1 | 02B | TA00AR BUSS | |
| 48128 | | XA143 | 07 | | XA243 | 07 | | | 16B | 9 | | KXA0CDX | 01 | TA00AB | 01 | 1 | DCF | A1 | 02B | | |
| 34816 | | XA143 | 08 | | XA142 | 08 | | | 16B | 9 | | KXS033U | 01 | KXA2COX | 01 | 1 | DCF | A6 | 06A | | |
| 34208 | | XA143 | 09 | | | | | | | | | KXA0COX | 02 | KXA0COX | 00 | 1 | DCF | A2 | 03B | | |
| 34226 | | XA143 | 10 | | | | | | | | | KXA2COX | 02 | KXA2COX | 00 | 1 | DCF | A6 | 07A | | |
| 34808 | | XA143 | 11 | | XA142 | 11 | | | 16B | 9 | | KXS031U | 01 | KXA0COX | 01 | 1 | DCF | A2 | 04B | | |
| 33101 | | XA143 | 12 | | | | | | | | | +5V | 01 | | | DCF | | | 08A | | |
| 34812 | | XA143 | 13 | | XA142 | 13 | | | 16B | 9 | | KXS032U | 01 | KXA1COX | 01 | 1 | DCF | A4 | 05B | | |
| 36831 | | XA143 | 14 | | | | | | | | J | KXA2CDX | 01 | KXA2COX | 00 | 1 | DCF | A5 | 08B | TA02AB BUSS | |
| 48130 | | XA143 | 14 | | XA243 | 14 | | | 16B | 9 | P | KXA2CDX | 01 | TA02AB | 01 | 1 | DCF | A5 | 08B | | |
| 34219 | | XA143 | 15 | | | | | | | | | KXA1COX | 02 | KXA1COX | 00 | 1 | DCF | A4 | 06B | | |
| 33531 | | XA143 | 16 | | | | | | | | | GND | 01 | | | DCF | | | | | |
| 48418 | | XA143 | 16 | | | | | | | | | XA02AR | 06 | | | DCF | | | | | |
| 36830 | | XA143 | 17 | | | | | | | | J | KXA1CDX | 01 | KXA1CDX | 00 | 1 | DCF | A3 | 07B | TA01AB BUSS | |
| 48129 | | XA143 | 17 | | XA243 | 17 | | | 16B | 9 | P | KXA1CDX | 01 | TA01AB | 01 | 1 | DCF | A3 | 07B | | |
| 33235 | | XA143 | 18 | | | | | | | | | DNW | 01 | | | DCF | | | | | |
| 33532 | | XA143 | 19 | | | | | | | | | XA01AR | 06 | | | DCF | | | | | |
| 33236 | | XA143 | 20 | | | | | | | | | DNW | 01 | | | DCF | | | | | |
| 33536 | | XA143 | 21 | | | | | | | | | XA07AR | 06 | | | DCF | | | | | |
| 33237 | | XA143 | 22 | | | | | | | | | DNW | 01 | | | DCF | | | | | |
| 36836 | | XA143 | 23 | | | | | | | | J | KXA7CDX | 01 | KXA7CDX | 00 | 1 | DCF | B7 | 10A | TA07AB BUSS | |
| 48135 | | XA143 | 23 | | XA243 | 23 | | | 16B | 9 | P | KXA7CDX | 01 | TA07AB | 01 | 1 | DCF | B7 | 10A | | |
| 33238 | | XA143 | 24 | | | | | | | | | DNW | 01 | | | DCF | | | | | |
| 33535 | | XA143 | 25 | | | | | | | | | XA04AR | 06 | | | DCF | | | | | |
| 33239 | | XA143 | 26 | | | | | | | | | DNW | 01 | | | DCF | | | | | |
| 36833 | | XA143 | 27 | | | | | | | | J | KXA4CDX | 01 | KXA4CDX | 00 | 1 | DCF | B1 | 10B | TA04AB BUSS | |
| 48132 | | XA143 | 27 | | XA243 | 27 | | | 16B | 9 | P | KXA4CDX | 01 | TA04AB | 01 | 1 | DCF | B1 | 10B | | |
| 33102 | | XA143 | 28 | | | | | | | | | +5V | 01 | | | DCF | | | 21B | | |
| 34240 | | XA143 | 29 | | | | | | | | | KXA4COX | 02 | KXA4COX | 00 | 1 | DCF | B2 | 11B | | |
| 34261 | | XA143 | 30 | | | | | | | | | KXA7COX | 02 | KXA7COX | 00 | 1 | DCF | B8 | 11A | | |
| 34824 | | XA143 | 31 | | XA142 | 31 | | | 16B | 9 | | KXS471U | 01 | KXA4COX | 01 | 1 | DCF | B2 | 12B | | |
| 33497 | | XA143 | 32 | | | | | | | | | GND | 01 | | | DCF | | | | | |
| 34831 | | XA143 | 33 | | | | | | | | | KXS472U | 04 | KXA5COX | 01 | 1 | DCF | B4 | 13B | | |
| 34839 | | XA143 | 34 | | | | | | | | | KXS474U | 04 | KXA7COX | 01 | 1 | DCF | B8 | 12A | | |
| 34247 | | XA143 | 35 | | | | | | | | | KXA5COX | 02 | KXA5COX | 00 | 1 | DCF | B4 | 14B | | |
| 34210 | | XA143 | 36 | | XA143 | 06 | | | 16B | 9 | | KXA0EA | 02 | KXA4CDX | 01 | 1 | DCF | B1 | 13A | | |
| 36824 | | XA143 | 36 | | | | | | | | M | KXA0EA | 01 | KXA6CDX | 01 | 1 | DCF | B5 | 13A | | |
| 36825 | | XA143 | 36 | | | | | | | | M | KXA0EA | 01 | KXA5CDX | 01 | 1 | DCF | B3 | 13A | | |
| 36826 | | XA143 | 36 | | | | | | | | M | KXA0EA | 01 | KXA7CDX | 01 | 1 | DCF | B7 | 13A | | |
| 36834 | | XA143 | 37 | | | | | | | | J | KXA5CDX | 01 | KXA5CDX | 00 | 1 | DCF | B3 | 15B | TA05AB BUSS | |
| 48133 | | XA143 | 37 | | XA243 | 37 | | | 16B | 9 | P | KXA5CDX | 01 | TA05AB | 01 | 1 | DCF | B3 | 15B | | |
| CONNECTOR (XA143) CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA143
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 78

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|----------|--------|------------|------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SM FC | PREFIX | CONNECTOR | PIN | SM FC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 34832 | XA143 | 38 | | | | | | | | | | | KXS473U | 01 | KXA6COX | 01 | 1 | DCF | B6 | | 14A | | |
| 33539 | XA143 | 39 | | | XA142 | 38 | | | 16B | 9 | | | XA05AR | 06 | | | | DCF | | | | | |
| 34254 | XA143 | 40 | | | | | | | | | | | KXA6COX | 02 | KXA6COX | 00 | 1 | DCF | B6 | | 15A | | |
| 36835 | XA143 | 41 | | | | | | | | | | J | KXA6CDX | 01 | KXA6CDX | 00 | 1 | DCF | B5 | | 16A | TA06AB BUSS | |
| 48134 | XA143 | 41 | | | XA243 | 41 | | | 16B | 9 | | P | KXA6CDX | 01 | TA06AB | 01 | 1 | DCF | B5 | | 16A | | |
| 33540 | XA143 | 42 | | | | | | | | | | | XA06AR | 06 | | | | DCF | | | 20B | | |
| 36817 | XA143 | 43 | | | | | | | | | | J | KXAPCDX | 01 | KXAPCDX | 00 | 1 | DCF | C7 | | 25A | TAOPAB BUSS | |
| 48127 | XA143 | 43 | | | XA243 | 43 | | | 16B | 9 | | P | KXAPCDX | 01 | TAOPAB | 01 | 1 | DCF | C7 | | 25A | | |
| 33544 | XA143 | 44 | | | | | | | | | | | GND | 01 | | | | DCF | | | | | |
| 48411 | XA143 | 44 | | | | | | | | | | | XAOPAR | 06 | | | | DCF | | | | | |
| 33543 | XA143 | 45 | | | | | | | | | | | XACMAR | 06 | | | | DCF | | | 27A | | |
| 36813 | XA143 | 46 | | | | | | | | | | J | KXACMDX | 01 | KXACMDX | 00 | 1 | DCF | C1 | | 25B | TACMAB BUSS | |
| 48124 | XA143 | 46 | | | XA243 | 46 | | | 16B | 9 | | P | KXACMDX | 01 | TACMAB | 01 | 1 | DCF | C1 | | 25B | | |
| 34151 | XA143 | 47 | | | | | | | | | | | KXACMOX | 03 | KXACMOX | 00 | 1 | DCF | C2 | | 26B | | |
| 34182 | XA143 | 48 | | | | | | | | | | | KXAPCOX | 02 | KXAPCOX | 00 | 1 | DCF | C8 | | 26A | | |
| 34517 | XA143 | 49 | | | XA143 | 51 | | | 16B | 9 | | | KXGNIA | 04 | KXACMOX | 01 | 1 | DCF | C2 | | 27B | | |
| 34456 | XA143 | 50 | | | XA142 | 50 | | | 16B | 9 | | | KXDSBPR | 01 | KXAPCOX | 01 | 1 | DCF | C8 | | 28A | | |
| 34518 | XA143 | 51 | | | XA143 | 72 | | | 16B | 9 | | | KXGNIA | 05 | KXAENOX | 01 | 1 | DCF | C4 | | 28B | | |
| 34209 | XA143 | 52 | | | XA143 | 36 | | | 16B | 9 | | | KXAOEA | 01 | KXACMDX | 01 | 1 | DCF | C1 | | 29A | | |
| 36827 | XA143 | 52 | | | | | | | | | | M | KXAOEA | 01 | KXAPCDX | 01 | 1 | DCF | C7 | | 29A | | |
| 36828 | XA143 | 52 | | | | | | | | | | M | KXAOEA | 01 | KXAINDX | 01 | 1 | DCF | C5 | | 29A | | |
| 36829 | XA143 | 52 | | | | | | | | | | M | KXAOEA | 01 | KXAENDX | 01 | 1 | DCF | C3 | | 29A | | |
| 33547 | XA143 | 53 | | | | | | | | | | | XAENAR | 06 | | | | DCF | | | | | |
| 34418 | XA143 | 54 | | | XA142 | 54 | | | 16B | 9 | | | KXDBIO | 01 | KXAINDX | 01 | 1 | DCF | C6 | | 30A | | |
| 36814 | XA143 | 55 | | | | | | | | | | J | KXAENDX | 01 | KXAENDX | 00 | 1 | DCF | C3 | | 30B | TAENAB BUSS | |
| 48125 | XA143 | 55 | | | XA243 | 55 | | | 16B | 9 | | P | KXAENDX | 01 | TAENAB | 01 | 1 | DCF | C3 | | 30B | | |
| 34159 | XA143 | 56 | | | | | | | | | | | KXAENOX | 03 | KXAENOX | 00 | 1 | DCF | C4 | | 29B | | |
| 36816 | XA143 | 57 | | | | | | | | | | M | KXAINDX | 01 | KXAINDX | 00 | 1 | DCF | C6 | | 31A | | |
| 33548 | XA143 | 58 | | | | | | | | | | | GND | 01 | | | | DCF | | | | | |
| 48404 | XA143 | 58 | | | | | | | | | | | XAINAR | 06 | | | | DCF | | | | | |
| 33551 | XA143 | 59 | | | XA351 | 68 | | | 16B | 9 | | | KPOUTDXG | 01 | | | | DCF | | | | | |
| 36815 | XA143 | 60 | | | | | | | | | | J | KXAINDX | 01 | KXAINDX | 00 | 1 | DCF | C5 | | 31B | TAINAB BUSS | |
| 48126 | XA143 | 60 | | | XA243 | 60 | | | 16B | 9 | | P | KXAINDX | 01 | TAINAB | 01 | 1 | DCF | C5 | | 31B | | |
| 34089 | XA143 | 61 | | | XA144 | 35 | | | 16B | 9 | | | KPOUTDX4 | 01 | KPOUTDX400 | 1 | 1 | DCF | D7 | | 33A | OUTPUT DATA TO TTY | |
| 33240 | XA143 | 62 | | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 33241 | XA143 | 63 | | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 33242 | XA143 | 64 | | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 34201 | XA143 | 65 | | | XA348 | 14 | | | 16B | 9 | | | KXASTDX4 | 02 | KXASTDX400 | 1 | 1 | DCF | D1 | | 32B | | |
| 33243 | XA143 | 66 | | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 33553 | XA143 | 67 | | | XA351 | 22 | | | 16B | 9 | | | KXASTBG | 01 | | | | DCF | | | | | |
| 48069 | XA143 | 67 | | | | | | | | | | | GND | 01 | | | | DCF | | | | | |
| 36812 | XA143 | 68 | | | | | | | | | | M | KPOUTQX | 01 | KPOUTQX | 00 | 1 | DCF | D8 | | 34A | | |
| 36819 | XA143 | 69 | | | | | | | | | | | KXASTOX | 01 | KXASTOX | 00 | 1 | DCF | D2 | | 33B | | |
| 34091 | XA143 | 70 | | | XA118 | 25 | | | 16B | 9 | | | KPOUTQ | 01 | KPOUTQX | 01 | 1 | DCF | D8 | | 35A | | |
| 34193 | XA143 | 71 | | | XA142 | 69 | | | 16B | 9 | | | KXASLOX | 01 | KXASTOX | 01 | 1 | DCF | D2 | | 34B | | |
| 34519 | XA143 | 72 | | | XA134 | 80 | | | 16B | 9 | | | KXGNIA | 06 | KXASTDX401 | 1 | 1 | DCF | D1 | | 36A | | |
| 36863 | XA143 | 72 | | | | | | | | | | M | KXGNIA | 01 | KEYINDX | 01 | 1 | DCF | D5 | | 36A | | |
| 36864 | XA143 | 72 | | | | | | | | | | M | KXGNIA | 01 | KXBSTD401 | 1 | 1 | DCF | D3 | | 36A | | |
| 36865 | XA143 | 72 | | | | | | | | | | M | KXGNIA | 01 | KPOUTDX401 | 1 | 1 | DCF | D7 | | 36A | | |
| 34305 | XA143 | 73 | | | | | | | | | | M | KXBSLOX | 07 | KXBSTOX | 01 | 1 | DCF | D4 | | 35B | | |
| CONNECTOR XA143 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA143
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 79

| RECORD NUMBER | FROM | | | DR TO | TO | | | WIRE | | | SPEC. INSTR. MISC. | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------------|------|-------|--------------------|----------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|---------------------|--------|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 34535 | | XA143 | 74 | | | | | | | | | KXGN2A | 10 | KEYINOX | 01 | 1 | DCF | D6 | | 37A | | |
| 36843 | | XA143 | 75 | | | | | | | | M | KXBSTOX | 01 | KXBSTOX | 00 | 1 | DCF | D4 | | 36B | | |
| 33832 | | XA143 | 76 | | XA138 | 17 | | 16B | 9 | | | KEYINOX | 01 | KEYINOX | 00 | 1 | DCF | D6 | | 38A | | |
| 33554 | | XA143 | 77 | | XA351 | 24 | | 16B | 9 | | | KXBSTBG | 01 | | | | DCF | | | | | |
| 34307 | | XA143 | 78 | | XA348 | 17 | | 16B | 9 | | | KXBSTD4 | 02 | KXBSTD4 | 400 | 1 | DCF | D3 | | 37B | | |
| 33557 | | XA143 | 79 | | XA351 | 66 | | 16B | 9 | | | KEYINDXG | 01 | | | | DCF | | | 40B | | |
| 33828 | | XA143 | 80 | | XA348 | 50 | | 16B | 9 | | | KEYINDX | 01 | KEYINDX | 00 | 1 | DCF | D5 | | 38B | KEYBOARD INPUT DATA | A03 |
| 33244 | | XA144 | 01 | | | | | | | | | DNW | 01 | | | | RR4 | | | | | |
| 33498 | | XA144 | 02 | | | | | | | | | GND | 01 | | | | RR4 | | | | | |
| 47925 | | XA144 | 02 | | | | | | | | | +05RESG | 04 | | | | RR4 | | | | | |
| 65022 | | XA144 | 02 | | | | | | | | | G14402 | 09 | | | | RR4 | | | | | A03 |
| 33015 | | XA144 | 03 | | XA144 | 04 | | 16B | 9 | | | +05RES | 15 | | | | RR4 | AP | | | | |
| 47923 | | XA144 | 03 | | | | | | | | | +05RES | 91 | | | | RR4 | AP | | | | |
| 33016 | | XA144 | 04 | | XA244 | 03 | | 16B | 9 | | | +05RES | 16 | | | | RR4 | AP | | | | |
| 34223 | | XA144 | 05 | | | | | | | | | KXA2CB4 | 04 | | | | RR4 | A3 | | | | |
| 33565 | | XA144 | 06 | | XA144 | 02 | | 16B | 9 | | | G14402 | 08 | | | | RR4 | AC | | | | A03 |
| 34227 | | XA144 | 07 | | XA241 | 15 | | 16B | 9 | | | KXA3CB4 | 01 | | | | RR4 | A4 | | | | |
| 34205 | | XA144 | 08 | | | | | | | | | KXA0CB4 | 04 | | | | RR4 | A1 | | | | |
| 34234 | | XA144 | 09 | | XA241 | 22 | | 16B | 9 | | | KXA4CB4 | 01 | | | | RR4 | A5 | | | | |
| 34213 | | XA144 | 10 | | XA241 | 01 | | 16B | 9 | | | KXA1CB4 | 01 | | | | RR4 | A2 | | | | |
| 33245 | | XA144 | 11 | | | | | | | | | DNW | 01 | | | | RR4 | | | | | |
| 33103 | | XA144 | 12 | | | | | | | | | +5V | 01 | | | | RR4 | | | | | |
| 33014 | | XA144 | 13 | | XA144 | 03 | | 16B | 9 | | | +05RES | 14 | | | | RR4 | BP | | | | |
| 33013 | | XA144 | 14 | | XA144 | 13 | | 16B | 9 | | | +05RES | 13 | | | | RR4 | BP | | | | |
| 33824 | | XA144 | 15 | | | | | | | | | DNW | 01 | | | | RR4 | | | KEYWAY | | A06 |
| 33825 | | XA144 | 16 | | | | | | | | | DNW | 01 | | | | RR4 | | | KEYWAY | | A06 |
| 34147 | | XA144 | 17 | | | | | | | | | KXACMB4 | 04 | | | | RR4 | B4 | | | | |
| 33564 | | XA144 | 18 | | XA144 | 06 | | 16B | 9 | | | G14402 | 07 | | | | RR4 | BC | | | | A03 |
| 34155 | | XA144 | 19 | | | | | | | | | KXAENB4 | 04 | | | | RR4 | B5 | | | | |
| 34241 | | XA144 | 20 | | XA241 | 14 | | 16B | 9 | | | KXA5CB4 | 01 | | | | RR4 | B1 | | | | |
| 33011 | | XA144 | 21 | | XA144 | 22 | | 16B | 9 | | | +05RES | 11 | | | | RR4 | CP | | | | |
| 33012 | | XA144 | 22 | | XA144 | 14 | | 16B | 9 | | | +05RES | 12 | | | | RR4 | CP | | | | |
| 34191 | | XA144 | 23 | | XA348 | 23 | | 16B | 9 | | | KXASLB4 | 00 | | | | RR4 | C3 | | | | A03 |
| 34258 | | XA144 | 24 | | | | | | | | | KXA7CB4 | 04 | | | | RR4 | B3 | | | | |
| 34306 | | XA144 | 25 | | XA143 | 78 | | 16B | 9 | | | KXBSTD4 | 01 | | | | RR4 | C4 | | | | |
| 34248 | | XA144 | 26 | | XA241 | 21 | | 16B | 9 | | | KXA6CB4 | 01 | | | | RR4 | B2 | | | | |
| 33246 | | XA144 | 27 | | | | | | | | | DNW | 01 | | | | RR4 | | | | | |
| 33104 | | XA144 | 28 | | | | | | | | | +5V | 01 | | | | RR4 | | | | | |
| 34297 | | XA144 | 29 | | XA348 | 26 | | 16B | 9 | | | KXBLSB4 | 00 | | | | RR4 | C5 | | | | A03 |
| 33563 | | XA144 | 30 | | XA144 | 18 | | 16B | 9 | | | G14402 | 06 | | | | RR4 | CC | | | | A03 |
| 33247 | | XA144 | 31 | | | | | | | | | DNW | 01 | | | | RR4 | | | | | |
| 33499 | | XA144 | 32 | | | | | | | | | GND | 01 | | | | RR4 | | | | | |
| 65021 | | XA144 | 32 | | XA144 | 40 | | 16B | 9 | | | G14402 | 04 | | | | RR4 | | | | | A03 |
| 33010 | | XA144 | 33 | | XA144 | 21 | | 16B | 9 | | | +05RES | 10 | | | | RR4 | DP | | | | |
| 33009 | | XA144 | 34 | | XA144 | 33 | | 16B | 9 | | | +05RES | 09 | | | | RR4 | DP | | | | |
| 34090 | | XA144 | 35 | | | | | | | | | KPOUTDX4 | 02 | | | | RR4 | D3 | | | | |
| 34176 | | XA144 | 36 | | XA241 | 38 | | 16B | 9 | | | KXAPCB4 | 01 | | | | RR4 | C1 | | | | |
| 35175 | | XA144 | 37 | | | | | | | | | SPT0011 | 37 | | | | RR4 | D4 | | | | |
| CONNECTOR XA144 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA144
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 80

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|---------------------------------|-------|--------|-----------|-----|-------|-------------|------|-------|-------|--------|----------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH PC | PREFIX | CONNECTOR | PIN | SH PC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 34200 | | XA144 | 38 | | | XA143 | 65 | | | | | | | KXASTDX4 | 01 | | | RR4 | C2 | | | | |
| 35176 | | XA144 | 39 | | | XA120 | 25 | | | | | | | SPI0021 | 01 | | | RR4 | D5 | | | | |
| 33562 | | XA144 | 40 | | | XA144 | 30 | | | | | | | G14402 | 05 | | | RR4 | DC | | | | |
| 35291 | | XA144 | 41 | | | XA142 | 70 | | | | | | | SPI0071 | 01 | | | RR4 | E5 | | | | A03 |
| 34579 | | XA144 | 42 | | | XA348 | 22 | | | | | | | KXPRS84 | 00 | | | RR4 | D1 | | | | A03 |
| 33248 | | XA144 | 43 | | | | | | | | | | | DNW | 01 | | | RR4 | | | | | |
| 33500 | | XA144 | 44 | | | | | | | | | | | GND | 01 | | | RR4 | | | | | |
| 65024 | | XA144 | 44 | | | | | | | | | | | G14444 | 05 | | | RR4 | | | | | A03 |
| 35279 | | XA144 | 45 | | | XA142 | 74 | | | | | | | SPI0061 | 01 | | | RR4 | E4 | | | | |
| 33829 | | XA144 | 46 | | | XA348 | 52 | | | | | | | KEYIN84 | 01 | | | RR4 | D2 | | | | A03 |
| 35264 | | XA144 | 47 | | | XA236 | 05 | | | | | | | SPI0051 | 01 | | | RR4 | E3 | | | | |
| 35241 | | XA144 | 48 | | | XA142 | 73 | | | | | | | SPI0041 | 03 | | | RR4 | E2 | | | | |
| 33007 | | XA144 | 49 | | | XA144 | 50 | | | | | | | +05RES | 07 | | | RR4 | EP | | | | |
| 33008 | | XA144 | 50 | | | XA144 | 34 | | | | | | | +05RES | 08 | | | RR4 | EP | | | | |
| 35325 | | XA144 | 51 | | | XA116 | 24 | | | | | | | SPI0121 | 01 | | | RR4 | F5 | | | | |
| 35238 | | XA144 | 52 | | | | | | | | | | | SPI0031 | 32 | | | RR4 | F1 | | | | |
| 35324 | | XA144 | 53 | | | | | | | | | | | SPI0111 | 03 | | | RR4 | F4 | | | | |
| 33561 | | XA144 | 54 | | | XA144 | 44 | | | | | | | G14444 | 04 | | | RR4 | EC | | | | A03 |
| 35319 | | XA144 | 55 | | | XA116 | 30 | | | | | | | SPT0101 | 01 | | | RR4 | F3 | | | | |
| 35312 | | XA144 | 56 | | | XA236 | 23 | | | | | | | SPI0091 | 01 | | | RR4 | F2 | | | | |
| 33826 | | XA144 | 57 | | | | | | | | | | | DNW | 01 | | | RR4 | | | | | |
| 33827 | | XA144 | 58 | | | | | | | | | | | DNW | 01 | | | RR4 | | | | KEYWAY | A06 |
| 33006 | | XA144 | 59 | | | XA144 | 49 | | | | | | | +05RES | 06 | | | RR4 | FP | | | | A06 |
| 33005 | | XA144 | 60 | | | XA144 | 59 | | | | | | | +05RES | 05 | | | RR4 | FP | | | | |
| 35478 | | XA144 | 61 | | | | | | | | | | | SPI0171 | 10 | | | RR4 | G5 | | | | |
| 35311 | | XA144 | 62 | | | | | | | | | | | SPI0081 | 10 | | | RR4 | F1 | | | | |
| 35468 | | XA144 | 63 | | | | | | | | | | | SPI0161 | 36 | | | RR4 | G4 | | | | |
| 33560 | | XA144 | 64 | | | XA144 | 54 | | | | | | | G14444 | 03 | | | RR4 | FC | | | | A03 |
| 35432 | | XA144 | 65 | | | | | | | | | | | SPI0151 | 34 | | | RR4 | G3 | | | | |
| 35398 | | XA144 | 66 | | | | | | | | | | | SPI0141 | 37 | | | RR4 | G2 | | | | |
| 33501 | | XA144 | 67 | | | | | | | | | | | GND | 01 | | | RR4 | | | | | |
| 65023 | | XA144 | 67 | | | XA144 | 77 | | | | | | | G14444 | 00 | | | RR4 | | | | | A03 |
| 33249 | | XA144 | 68 | | | | | | | | | | | DNW | 01 | | | RR4 | | | | | |
| 33003 | | XA144 | 69 | | | XA144 | 70 | | | | | | | +05RES | 03 | | | RR4 | GP | | | | |
| 33004 | | XA144 | 70 | | | XA144 | 60 | | | | | | | +05RES | 04 | | | RR4 | GP | | | | |
| 36734 | | XA144 | 71 | | | | | | | | | | | SPR | 01 | | | RR4 | H5 | | | | |
| 35361 | | XA144 | 72 | | | | | | | | | | | SPI0131 | 34 | | | RR4 | G1 | | | | |
| 35572 | | XA144 | 73 | | | XA142 | 72 | | | | | | | SPI0211 | 01 | | | RR4 | H4 | | | | |
| 33559 | | XA144 | 74 | | | XA144 | 64 | | | | | | | G14444 | 02 | | | RR4 | GC | | | | A03 |
| 35571 | | XA144 | 75 | | | | | | | | | | | SPI0201 | 29 | | | RR4 | H3 | | | | |
| 35542 | | XA144 | 76 | | | | | | | | | | | SPI0191 | 28 | | | RR4 | H2 | | | | |
| 33558 | | XA144 | 77 | | | XA144 | 74 | | | | | | | G14444 | 01 | | | RR4 | HC | | | | A03 |
| 35514 | | XA144 | 78 | | | | | | | | | | | SPI0181 | 36 | | | RR4 | H1 | | | | |
| 33002 | | XA144 | 79 | | | XA144 | 69 | | | | | | | +05RES | 02 | | | RR4 | HP | | | | |
| 33001 | | XA144 | 80 | | | XA144 | 79 | | | | | | | +05RES | 01 | | | RR4 | HP | | | | |
| 36446 | | XA145 | 01 | | | | | | | | | | | SPP | 01 | | | | | | | | |
| 33502 | | XA145 | 02 | | | | | | | | | | | GND | 01 | | | | | | | | |
| 36447 | | XA145 | 03 | | | | | | | | | | | SPP | 01 | | | | | | | | |
| CONNECTOR | | XA145 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA145
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 81

| RECORD NUMBER | FROM | | | TO | | | | | | | | WIRE | SPP | MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|-----------|-----------|---------------------------------|-----|--------|-----------|-----|----|-------------|------|-------|------|---------|------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SPP | PREFIX | CONNECTOR | PIN | FC | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | | | |
| 36448 | | XA145 | 04 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36449 | | XA145 | 05 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36450 | | XA145 | 06 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36451 | | XA145 | 07 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36452 | | XA145 | 08 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36453 | | XA145 | 09 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36454 | | XA145 | 10 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36455 | | XA145 | 11 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 33105 | | XA145 | 12 | | | | | | | | | | +5V | 01 | | | | | | | | | | | |
| 65019 | | XA145 | 12 | | | XA146 | 08 | | | 16B | 9 | | +5VRESS | 01 | | | | | | | | | | | A03 |
| 36456 | | XA145 | 13 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36457 | | XA145 | 14 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36458 | | XA145 | 15 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 33503 | | XA145 | 16 | | | | | | | | | | GND | 01 | | | | | | | | | | | |
| 36459 | | XA145 | 17 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36460 | | XA145 | 18 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36461 | | XA145 | 19 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36462 | | XA145 | 20 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36463 | | XA145 | 21 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36464 | | XA145 | 22 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36465 | | XA145 | 23 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36466 | | XA145 | 24 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36467 | | XA145 | 25 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36468 | | XA145 | 26 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36469 | | XA145 | 27 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 33106 | | XA145 | 28 | | | | | | | | | | +5V | 01 | | | | | | | | | | | |
| 36470 | | XA145 | 29 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36471 | | XA145 | 30 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36472 | | XA145 | 31 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 33504 | | XA145 | 32 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36473 | | XA145 | 33 | | | | | | | | | | GND | 01 | | | | | | | | | | | |
| 36474 | | XA145 | 34 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36475 | | XA145 | 35 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36476 | | XA145 | 36 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36477 | | XA145 | 37 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36478 | | XA145 | 38 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36479 | | XA145 | 39 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36480 | | XA145 | 40 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36481 | | XA145 | 41 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36482 | | XA145 | 42 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36483 | | XA145 | 43 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 33505 | | XA145 | 44 | | | | | | | | | | GND | 01 | | | | | | | | | | | |
| 36484 | | XA145 | 45 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36485 | | XA145 | 46 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36486 | | XA145 | 47 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36487 | | XA145 | 48 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36488 | | XA145 | 49 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36489 | | XA145 | 50 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36490 | | XA145 | 51 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 36491 | | XA145 | 52 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| | CONNECTOR | XA145 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA145
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC5 FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 82

| RECORD NUMBER | FROM | | | SH IFC | TO | | | SH IFC | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT ON CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO | |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|-------|----------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|--|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | |
| 36492 | | XA145 | 53 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36493 | | XA145 | 54 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36494 | | XA145 | 55 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36495 | | XA145 | 56 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36496 | | XA145 | 57 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33506 | | XA145 | 58 | | | | | | | | | | GND | 01 | | | | | | | | | | |
| 47929 | | XA145 | 58 | | | | | | | | | | +5AXIFAG | 09 | | | | | | | | | | |
| 36497 | | XA145 | 59 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36498 | | XA145 | 60 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36499 | | XA145 | 61 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36500 | | XA145 | 62 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36501 | | XA145 | 63 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36502 | | XA145 | 64 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36503 | | XA145 | 65 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36504 | | XA145 | 66 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 33507 | | XA145 | 67 | | | | | | | | | | GND | 01 | | | | | | | | | | |
| 36505 | | XA145 | 68 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36506 | | XA145 | 69 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36507 | | XA145 | 70 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36508 | | XA145 | 71 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36509 | | XA145 | 72 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36510 | | XA145 | 73 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36511 | | XA145 | 74 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36512 | | XA145 | 75 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36513 | | XA145 | 76 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36514 | | XA145 | 77 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36515 | | XA145 | 78 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36516 | | XA145 | 79 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36517 | | XA145 | 80 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36518 | | XA146 | 01 | | | XA146 | 02 | | | 16B | 9 | | GND14602 | 01 | | | | MTS | | | | | | |
| 33508 | | XA146 | 02 | | | XA146 | 03 | | | 16B | 9 | | GND14602 | 02 | | | | MTS | | | | | | |
| 48070 | | XA146 | 02 | | | | | | | | | | GND | 01 | | | | | MTS | | | | | |
| 36519 | | XA146 | 03 | | | XA146 | 04 | | | 16B | 9 | | GND14602 | 03 | | | | MTS | | | | | | |
| 65016 | | XA146 | 03 | | | XA547 | 02 | | | AF | 1ED | 0 | +05RESSR | 01 | | | | MTS | | | | | A03 | |
| 36520 | | XA146 | 04 | | | | | | | | | | GND14602 | 04 | | | | MTS | | | | | | |
| 36521 | | XA146 | 05 | | | | | | | | | | SPP | 01 | | | | MTS | | | | | | |
| 36522 | | XA146 | 06 | | | | | | | | | | SPP | 01 | | | | MTS | | | | | | |
| 36523 | | XA146 | 07 | | | XA547 | 03 | | | AF | 1ED | 2 | +05RESS | 01 | | | | MTS | | | | | A03 | |
| 36524 | | XA146 | 08 | | | | | | | | | | +5VRESS | 02 | | | | MTS | | | | | A03 | |
| 36525 | | XA146 | 09 | | | | | | | | | | SPP | 01 | | | | MTS | | | | | | |
| 36526 | | XA146 | 10 | | | | | | | | | | SPP | 01 | | | | MTS | | | | | | |
| 36527 | | XA146 | 11 | | | | | | | | | | TOSCEA4 | 03 | | | | MTS | | | | | | |
| 33107 | | XA146 | 12 | | | XA146 | 23 | | | 16B | 9 | | +5VRES | 02 | | | | MTS | | | | | | |
| 47939 | | XA146 | 12 | | | | | | | | | | +5V | 01 | | | | MTS | | | | | | |
| 36528 | | XA146 | 13 | | | | | | | | | | DDIFC | 02 | | | | MTS | | | | | A03 | |
| 36529 | | XA146 | 14 | | | XA231 | 25 | | | 16B | 9 | | DEVINH | 056 | | | | MTS | | | | | A03 | |
| 36530 | | XA146 | 15 | | | | | | | | | | SPP | 01 | | | | MTS | | | | | | |
| 33509 | | XA146 | 16 | | | | | | | | | | GND | 01 | | | | MTS | | | | | | |
| CONNECTOR (XA146) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1097

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA146
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 83

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEG NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|-------|----------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FTG | PREFIX | CONNECTOR | PIN | SH FTG | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 36531 | | XA146 | 17 | | | | | | | | | | SPP | 01 | | | | MTS | | | | | |
| 36532 | | XA146 | 18 | | | | | | | | | | SPP | 01 | | | | MTS | | | | | |
| 36533 | | XA146 | 19 | | | | | | | | | | SPP | 01 | | | | MTS | | | | | |
| 36534 | | XA146 | 20 | | | | | | | | | | SPP | 01 | | | | MTS | | | | | |
| 36535 | | XA146 | 21 | | | | | | | | | | SPP | 01 | | | | MTS | | | | | |
| 36536 | | XA146 | 22 | | | XA146 | 12 | | | 16B | 9 | | +5VRES | 01 | | | | MTS | | | | | |
| 36537 | | XA146 | 23 | | | XA146 | 37 | | | 16B | 9 | | +5VRES | 03 | | | | MTS | | | | | A03 |
| 36538 | | XA146 | 24 | | | | | | | | | | SPP | 01 | | | | MTS | | | | | |
| 36539 | | XA146 | 25 | | | | | | | | | | SPP | 01 | | | | MTS | | | | | |
| 36540 | | XA146 | 26 | | | | | | | | | | SPP | 01 | | | | MTS | | | | | |
| 36541 | | XA146 | 27 | | | XA547 | 80 | | AE | 1ED | 2 | | +05RES | 88 | | | | MTS | | | | | A03 |
| 33108 | | XA146 | 28 | | | XA146 | 62 | | | 16B | 9 | | +5VRES | 05 | | | | MTS | | | | | A03 |
| 47940 | | XA146 | 28 | | | | | | | | | | +5V | 01 | | | | MTS | | | | | |
| 36542 | | XA146 | 29 | | | XA144 | 03 | | AB | 1ED | 2 | | +05RES | 90 | | | | MTS | | | | | |
| 36543 | | XA146 | 30 | | | | | | | | | | SPP | 01 | | | | MTS | | | | | |
| 36544 | | XA146 | 31 | | | | | | | | | | SPP | 01 | | | | MTS | | | | | |
| 33510 | | XA146 | 32 | | | XA547 | 67 | | AE | 1ED | 0 | | +05RESG | 01 | | | | MTS | | | | | A03 |
| 47930 | | XA146 | 32 | | | XA144 | 02 | | AB | 1ED | 0 | | +05RESG | 03 | | | | MTS | | | | | |
| 48071 | | XA146 | 32 | | | | | | | | | | GND | 01 | | | | MTS | | | | | |
| 36545 | | XA146 | 33 | | | | | | | | | | SPP | 01 | | | | MTS | | | | | |
| 36546 | | XA146 | 34 | | | | | | | | | | SPP | 01 | | | | MTS | | | | | |
| 36547 | | XA146 | 35 | | | | | | | | | | SPP | 01 | | | | MTS | | | | | |
| 36548 | | XA146 | 36 | | | XA551 | 65 | | AC | 1ED | 2 | | +5VDC | 01 | | | | MTS | | | | | A03 |
| 36549 | | XA146 | 37 | | | XA146 | 28 | | | 16B | 9 | | +5VRES | 04 | | | | MTS | | | | | A03 |
| 36550 | | XA146 | 38 | | | | | | | | | | SPP | 01 | | | | MTS | | | | | |
| 36551 | | XA146 | 39 | | | XA144 | 80 | | | 16B | 9 | | +05RES | 00F | | | | MTS | | | | | |
| 36552 | | XA146 | 40 | | | | | | | | | | LDRIF | 07 | | | | MTS | | | | | |
| 36553 | | XA146 | 41 | | | | | | | | | | SPP | 01 | | | | MTS | | | | | |
| 36554 | | XA146 | 42 | | | | | | | | | | SPP | 01 | | | | MTS | | | | | |
| 36555 | | XA146 | 43 | | | | | | | | | K | +05RES | 662 | | | | MTS | | | | | A03 |
| 33511 | | XA146 | 44 | | | | | | | | | | GND | 01 | | | | MTS | | | | | |
| 47928 | | XA146 | 44 | | | XA148 | 42 | | | 16B | 9 | | +5AXIFAG | 01 | | | | MTS | | | | | |
| 65017 | | XA146 | 44 | | | XA551 | 66 | | AC | 1ED | 0 | | +5VDCR | 02 | | | | MTS | | | | | A03 |
| 36556 | | XA146 | 45 | | | XA503 | 28 | | | 16B | 9 | | +5VLOG1 | 01 | | | | MTS | | | | | |
| 36557 | | XA146 | 46 | | | XA140 | 28 | | | 16B | 9 | | +5VLOG2 | 01 | | | | MTS | | | | | |
| 36558 | | XA146 | 47 | | | | | | | | | | SPP | 01 | | | | MTS | | | | | |
| 36559 | | XA146 | 48 | | | | | | | | | | SPP | 01 | | | | MTS | | | | | A03 |
| 36560 | | XA146 | 49 | | | | | | | | | | SPP | 01 | | | | MTS | | | | | |
| 36561 | | XA146 | 50 | | | | | | | | | | SPP | 01 | | | | MTS | | | | | A03 |
| 36562 | | XA146 | 51 | | | | | | | | | | SPP | 01 | | | | MTS | | | | | |
| 36563 | | XA146 | 52 | | | | | | | | | | SPP | 01 | | | | MTS | | | | | |
| 36564 | | XA146 | 53 | | | | | | | | | | SPP | 01 | | | | MTS | | | | | |
| 36565 | | XA146 | 54 | | | | | | | | | | SPP | 01 | | | | MTS | | | | | |
| 36566 | | XA146 | 55 | | | | | | | | | | SPP | 01 | | | | MTS | | | | | |
| 36567 | | XA146 | 56 | | | | | | | | | | SPP | 01 | | | | MTS | | | | | |
| 36568 | | XA146 | 57 | | | | | | | | | | SPP | 01 | | | | MTS | | | | | |
| 33512 | | XA146 | 58 | | | | | | | | | | GND | 01 | | | | MTS | | | | | |
| 48400 | | XA146 | 58 | | | XA148 | 80 | | | 16B | 9 | | WIFCOG | 01 | | | | MTS | | | | | |
| 36569 | | XA146 | 59 | | | | | | | | | | SPP | 01 | | | | MTS | | | | | |
| 36570 | | XA146 | 60 | | | | | | | | | | SPP | 01 | | | | MTS | | | | | |
| CONNECTOR (XA146) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA146
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 84

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | FCO NO |
|---------------|--------|-----------|---------------------------------|--------|--------|-----------|-----|--------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH IFC | PREFIX | CONNECTOR | PIN | SH IFC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 36571 | | XA146 | 61 | | | | | | | | | | +5VDC | 04 | | | | | | | | | |
| 36572 | | XA146 | 62 | | XA549 | 65 | | AD | 1ED | 2 | | | +5VRES | 06 | | | MTS | | | | | A03 | |
| 36573 | | XA146 | 63 | | XA146 | 67 | | | 168 | 9 | | | +5VDCR | 00 | | | MTS | | | | | A03 | |
| 47948 | | XA146 | 63 | | XA549 | 64 | | AD | 1ED | 0 | | | +5VDCR | 05 | | | MTS | | | | | A03 | |
| 36574 | | XA146 | 64 | | | | | | | | | | SPP | 01 | | | MTS | | | | | A03 | |
| 36575 | | XA146 | 65 | | | | | | | | | | SPP | 01 | | | MTS | | | | | A03 | |
| 36576 | | XA146 | 66 | | | | | | | | | | SPP | 01 | | | MTS | | | | | A03 | |
| 33513 | | XA146 | 67 | | | | | | | | | K | +5VDCR | 01 | | | MTS | | | | | A03 | |
| 48072 | | XA146 | 67 | | | | | | | | | | GND | 01 | | | MTS | | | | | A03 | |
| 36577 | | XA146 | 68 | | | | | | | | | | SPP | 01 | | | MTS | | | | | A03 | |
| 36578 | | XA146 | 69 | | | | | | | | | | SPP | 01 | | | MTS | | | | | A03 | |
| 36579 | | XA146 | 70 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 36580 | | XA146 | 71 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 36581 | | XA146 | 72 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 36582 | | XA146 | 73 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 36583 | | XA146 | 74 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 36584 | | XA146 | 75 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 36585 | | XA146 | 76 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 36586 | | XA146 | 77 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 36587 | | XA146 | 78 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 36588 | | XA146 | 79 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 36589 | | XA146 | 80 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 36590 | | XA147 | 01 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 33514 | | XA147 | 02 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 36591 | | XA147 | 03 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 36592 | | XA147 | 04 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 36593 | | XA147 | 05 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 36594 | | XA147 | 06 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 36595 | | XA147 | 07 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 36596 | | XA147 | 08 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 36597 | | XA147 | 09 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 36598 | | XA147 | 10 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 36599 | | XA147 | 11 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 33109 | | XA147 | 12 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 36600 | | XA147 | 13 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 36601 | | XA147 | 14 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 36602 | | XA147 | 15 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 33515 | | XA147 | 16 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 36603 | | XA147 | 17 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 36604 | | XA147 | 18 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 36605 | | XA147 | 19 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 36606 | | XA147 | 20 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 36607 | | XA147 | 21 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 36608 | | XA147 | 22 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 36609 | | XA147 | 23 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 36610 | | XA147 | 24 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 36611 | | XA147 | 25 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| 36612 | | XA147 | 26 | | | | | | | | | | SPP | 01 | | | MTS | | | | | | |
| CONNECTOR | | XA147 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA147
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 85

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHW TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO | |
|---------------|--------|--------------------------------|-----|--------|-----------|-----|------|----|-------------|------|--------|--------|----------|------|--------|-----------------|-------|---------------------|--------------------|--------------------|--------|-------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SH | CO | MULTI GROUP | CODE | | | | | | | | | | | | COLOR |
| 36613 | | XA147 | 27 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 33110 | | XA147 | 28 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36614 | | XA147 | 29 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36615 | | XA147 | 30 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36616 | | XA147 | 31 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 33516 | | XA147 | 32 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36617 | | XA147 | 33 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36618 | | XA147 | 34 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36619 | | XA147 | 35 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36620 | | XA147 | 36 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36621 | | XA147 | 37 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36622 | | XA147 | 38 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36623 | | XA147 | 39 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36624 | | XA147 | 40 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36625 | | XA147 | 41 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36626 | | XA147 | 42 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36627 | | XA147 | 43 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 33517 | | XA147 | 44 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36628 | | XA147 | 45 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36629 | | XA147 | 46 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36630 | | XA147 | 47 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36631 | | XA147 | 48 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36632 | | XA147 | 49 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36633 | | XA147 | 50 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36634 | | XA147 | 51 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36635 | | XA147 | 52 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36636 | | XA147 | 53 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36637 | | XA147 | 54 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36638 | | XA147 | 55 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36639 | | XA147 | 56 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36640 | | XA147 | 57 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 33518 | | XA147 | 58 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36641 | | XA147 | 59 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36642 | | XA147 | 60 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36643 | | XA147 | 61 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36644 | | XA147 | 62 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36645 | | XA147 | 63 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36646 | | XA147 | 64 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36647 | | XA147 | 65 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36648 | | XA147 | 66 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 33519 | | XA147 | 67 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36649 | | XA147 | 68 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36650 | | XA147 | 69 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36651 | | XA147 | 70 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36652 | | XA147 | 71 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36653 | | XA147 | 72 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36654 | | XA147 | 73 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36655 | | XA147 | 74 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36656 | | XA147 | 75 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 36657 | | XA147 | 76 | | | | | | | | | SPP | 01 | | | | | | | | | |
| CONNECTOR | XA147 | CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | | |

H78-14 1100

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA147
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 86

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO | |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|----------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|--|
| | PREFIX | CONNECTOR | PIN | SH FC | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | |
| 36658 | | XA147 | 77 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36659 | | XA147 | 78 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36660 | | XA147 | 79 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36661 | | XA147 | 80 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 36662 | | XA148 | 01 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 33520 | | XA148 | 02 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36663 | | XA148 | 03 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36664 | | XA148 | 04 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36665 | | XA148 | 05 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36666 | | XA148 | 06 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36667 | | XA148 | 07 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36668 | | XA148 | 08 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36669 | | XA148 | 09 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36670 | | XA148 | 10 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36671 | | XA148 | 11 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 33111 | | XA148 | 12 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36672 | | XA148 | 13 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36673 | | XA148 | 14 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36674 | | XA148 | 15 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 33521 | | XA148 | 16 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36675 | | XA148 | 17 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36676 | | XA148 | 18 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36677 | | XA148 | 19 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36678 | | XA148 | 20 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36679 | | XA148 | 21 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36680 | | XA148 | 22 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36681 | | XA148 | 23 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36682 | | XA148 | 24 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36683 | | XA148 | 25 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36684 | | XA148 | 26 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36685 | | XA148 | 27 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 33112 | | XA148 | 28 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36686 | | XA148 | 29 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36687 | | XA148 | 30 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36688 | | XA148 | 31 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 33522 | | XA148 | 32 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36689 | | XA148 | 33 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36690 | | XA148 | 34 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36691 | | XA148 | 35 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36692 | | XA148 | 36 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36693 | | XA148 | 37 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36694 | | XA148 | 38 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36695 | | XA148 | 39 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36696 | | XA148 | 40 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36697 | | XA148 | 41 | | | XA348 | 79 | | | 16B | 9 | | TXADEB | 01 | | | | EXT | | | | | A04 | |
| 36698 | | XA148 | 42 | | | XA148 | 50 | | | 16B | 9 | | +5AXIFAG | 02 | | | | EXT | | | | | A04 | |
| 36699 | | XA148 | 43 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 33523 | | XA148 | 44 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| CONNECTOR (XA148) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA148
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 87

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|------|--------|-----------|-----|------|-------------|------|-------|-------|----------|--------|----------|------|--------|------------------|-------|---------------------|-------------|--------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | ENFC | PREFIX | CONNECTOR | PIN | ENFC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | AND | OR | | |
| 36700 | | XA148 | 45 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36701 | | XA148 | 46 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36702 | | XA148 | 47 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36703 | | XA148 | 48 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36704 | | XA148 | 49 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36705 | | XA148 | 50 | | XA148 | 52 | | | | 16B | 9 | | +5AXIFAG | 03 | | | | EXT | | | | | A04 | |
| 36706 | | XA148 | 51 | | | | | | | 16B | 9 | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36707 | | XA148 | 52 | | XA148 | 66 | | | | 16B | 9 | | +5AXIFAG | 04 | | | | EXT | | | | | A04 | |
| 36708 | | XA148 | 53 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36709 | | XA148 | 54 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36710 | | XA148 | 55 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36711 | | XA148 | 56 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36712 | | XA148 | 57 | | XA543 | 80 | | | | 18B | 9 | | KIFOND4 | 01 | | | | EXT | | | | | A04 | |
| 33524 | | XA148 | 58 | | XA145 | 58 | | | | 16B | 9 | | +5AXIFAG | 08 | | | | EXT | | | | | A04 | |
| 36713 | | XA148 | 59 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36714 | | XA148 | 60 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36715 | | XA148 | 61 | | XA148 | 63 | | | | 16B | 9 | | +5AUX | 03 | | | | EXT | | | | | A04 | |
| 36716 | | XA148 | 62 | | XA148 | 64 | | | | 16B | 9 | | +5AUXG | 03 | | | | EXT | | | | | A04 | |
| 36717 | | XA148 | 63 | | | | | | | | | | +5AUX | 04 | | | | EXT | | | | | A04 | |
| 36718 | | XA148 | 64 | | | | | | | | | | +5AUXG | 04 | | | | EXT | | | | | A04 | |
| 36719 | | XA148 | 65 | | | | | | | | | | KCIFLT | 02 | | | | EXT | | | | | A04 | |
| 36720 | | XA148 | 66 | | XA148 | 68 | | | | 16B | 9 | | +5AXIFAG | 05 | | | | EXT | | | | | A04 | |
| 33525 | | XA148 | 67 | | | | | | | | | | +5AXIFB | 02 | | | | EXT | | | | | A04 | |
| 36721 | | XA148 | 68 | | XA148 | 70 | | | | 16B | 9 | | +5AXIFAG | 06 | | | | EXT | | | | | A04 | |
| 36722 | | XA148 | 69 | | XA148 | 67 | | | | 16B | 9 | | +5AXIFB | 01 | | | | EXT | | | | | A04 | |
| 36723 | | XA148 | 70 | | XA148 | 58 | | | | 16B | 9 | | +5AXIFAG | 07 | | | | EXT | | | | | A04 | |
| 36724 | | XA148 | 71 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36725 | | XA148 | 72 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36726 | | XA148 | 73 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36727 | | XA148 | 74 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36728 | | XA148 | 75 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36729 | | XA148 | 76 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36730 | | XA148 | 77 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36731 | | XA148 | 78 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 36732 | | XA148 | 79 | | | | | | | | | | WIFCON | 02 | | | | EXT | | | | | A04 | |
| 36733 | | XA148 | 80 | | | | | | | | | | WIFCOG | 02 | | | | EXT | | | | | A04 | |
| 61821 | | XA201 | 01 | | XA201 | 09 | | | | 16B | 9 | P | PXRS1A | 22 | PXRS0B | 01 | 2 | TQ2 | A2 | | 02B | | | |
| 61836 | | XA201 | 01 | | | | | | | | | J | PXRS1A | 01 | PXRS1A | 00 | 1 | TQ2 | A2 | | 02B | PXRS0B | BUSS | |
| 60328 | | XA201 | 02 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01A | | | |
| 61832 | | XA201 | 03 | | XA201 | 04 | | | | 16B | 9 | | PXRS00 | 09 | PXRS2A | 01 | 1 | TQ2 | A3 | | 02A | | | |
| 61833 | | XA201 | 04 | | XA201 | 08 | | | | 16B | 9 | | PXRS00 | 10 | PXRS1A | 01 | 1 | TQ2 | A2 | | 04A | | | |
| 63670 | | XA201 | 05 | | XA201 | 07 | | | | 16B | 9 | | SPI0013 | 04 | PXRS1A | 01 | 2 | TQ2 | A2 | | 03B | | | |
| 61799 | | XA201 | 06 | | | | | | | | | J | PXRS0A | 01 | PXRS0A | 00 | 1 | TQ2 | A1 | | 05A | PXRS0B | BUSS | |
| 61820 | | XA201 | 06 | | XA201 | 01 | | | | 16B | 9 | | PXRS0A | 21 | PXRS0B | 01 | 1 | TQ2 | A1 | | 05A | | | |
| 63671 | | XA201 | 07 | | XA201 | 13 | | | | 16B | 9 | | SPI0013 | 05 | PXRS2A | 01 | 2 | TQ2 | A3 | | 03A | | | |
| 61834 | | XA201 | 08 | | XA203 | 19 | | | | 16B | 9 | | PXRS00 | 11 | PXRS0A | 01 | 1 | TQ2 | A1 | | 06A | | | |
| 61822 | | XA201 | 09 | | XA201 | 15 | | | | 16B | 9 | P | PXRS2A | 23 | PXRS0B | 01 | 3 | TQ2 | A3 | | 04B | | | |
| 61859 | | XA201 | 09 | | | | | | | | | J | PXRS2A | 01 | PXRS2A | 00 | 1 | TQ2 | A3 | | 04B | PXRS0B | BUSS | |
| CONNECTOR (XA201) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA201
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 88

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SPEC INST | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|--|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-----------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SN FC | PREFIX | CONNECTOR | PIN | SN FC | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 63669 | | XA201 | 10 | | | | | | | | | | SPI0013 | 03 | PXRS0A | 01 | 2 | TQ2 | A1 | | 07A | | |
| 61831 | | XA201 | 11 | | | | | | | 16B | 9 | | PXRS00 | 08 | PXRS3A | 01 | 1 | TQ2 | A4 | | 05B | | |
| 60033 | | XA201 | 12 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 63672 | | XA201 | 13 | | | | | | | 16B | 9 | | SPI0013 | 06 | PXRS3A | 01 | 2 | TQ2 | A4 | | 06B | | |
| 61858 | | XA201 | 14 | | | | | | | | | | PXRS5A | 22 | PXRS1B | 01 | 2 | TQ2 | B2 | | 09A | | |
| 61883 | | XA201 | 14 | | | | | | | | | | PXRS5A | 01 | PXRS5A | 00 | 1 | TQ2 | B2 | | 09A | PXRS1B BUSS | |
| 61823 | | XA201 | 15 | | | | | | | | | | PXRS3A | 24 | PXRS0B | 01 | 4 | TQ2 | A4 | | 07B | | |
| 61881 | | XA201 | 15 | | | | | | | | | | PXRS3A | 01 | PXRS3A | 00 | 1 | TQ2 | A4 | | 07B | PXRS0B BUSS | |
| 60329 | | XA201 | 16 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01B | | |
| 61830 | | XA201 | 17 | | | | | | | 16B | 9 | | PXRS00 | 07 | PXRS6A | 01 | 1 | TQ2 | B3 | | 08B | | |
| 61829 | | XA201 | 18 | | | | | | | 16B | 9 | | PXRS00 | 06 | PXRS5A | 01 | 1 | TQ2 | B2 | | 10A | | |
| 63673 | | XA201 | 19 | | | | | | | 16B | 9 | | SPI0013 | 07 | PXRS6A | 01 | 2 | TQ2 | B3 | | 09B | | |
| 63674 | | XA201 | 20 | | | | | | | 16B | 9 | | SPI0013 | 08 | PXRS5A | 01 | 2 | TQ2 | B2 | | 11A | | |
| 61856 | | XA201 | 21 | | | | | | | 16B | 9 | | PXRS6A | 20 | PXRS1B | 01 | 3 | TQ2 | B3 | | 10B | | |
| 61884 | | XA201 | 21 | | | | | | | | | | PXRS6A | 01 | PXRS6A | 00 | 1 | TQ2 | B3 | | 10B | PXRS1B BUSS | |
| 61857 | | XA201 | 22 | | | | | | | 16B | 9 | | PXRS4A | 21 | PXRS1B | 01 | 1 | TQ2 | B1 | | 12A | | |
| 61882 | | XA201 | 22 | | | | | | | | | | PXRS4A | 01 | PXRS4A | 00 | 1 | TQ2 | B1 | | 12A | PXRS1B BUSS | |
| 61827 | | XA201 | 23 | | | | | | | 16B | 9 | | PXRS00 | 04 | PXRS7A | 01 | 1 | TQ2 | B4 | | 11B | | |
| 61828 | | XA201 | 24 | | | | | | | 16B | 9 | | PXRS00 | 05 | PXRS4A | 01 | 1 | TQ2 | B1 | | 13A | | |
| 63680 | | XA201 | 25 | | | | | | | 16B | 9 | | SPI0013 | 14 | PXRS7A | 01 | 2 | TQ2 | B4 | | 12B | | |
| 63679 | | XA201 | 26 | | | | | | | 16B | 9 | | SPI0013 | 13 | PXRS4A | 01 | 2 | TQ2 | B1 | | 14A | | |
| 61855 | | XA201 | 27 | | | | | | | 16B | 9 | | PXRS7A | 19 | PXRS1B | 01 | 4 | TQ2 | B4 | | 13B | | |
| 61885 | | XA201 | 27 | | | | | | | | | | PXRS7A | 01 | PXRS7A | 00 | 1 | TQ2 | B4 | | 13B | PXRS1B BUSS | |
| 60034 | | XA201 | 28 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 61826 | | XA201 | 29 | | | | | | | 16B | 9 | | PXRS00 | 03 | PXRSAA | 01 | 1 | TQ2 | C3 | | 14B | | |
| 61862 | | XA201 | 30 | | | | | | | 16B | 9 | | PXRS9A | 03 | PXRS2B | 01 | 2 | TQ2 | C2 | | 15A | | |
| 61887 | | XA201 | 30 | | | | | | | | | | PXRS9A | 01 | PXRS9A | 00 | 1 | TQ2 | C2 | | 15A | PXRS2B BUSS | |
| 63681 | | XA201 | 31 | | | | | | | 16B | 9 | | SPI0013 | 15 | PXRSAA | 01 | 2 | TQ2 | C3 | | 15B | | |
| 60330 | | XA201 | 32 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 20B | | |
| 61798 | | XA201 | 33 | | | | | | | | | | PXRSAA | 01 | PXRSAA | 00 | 1 | TQ2 | C3 | | 16B | PXRS2B BUSS | |
| 61860 | | XA201 | 33 | | | | | | | 16B | 9 | | PXRSAA | 01 | PXRS2B | 01 | 3 | TQ2 | C3 | | 16B | | |
| 61825 | | XA201 | 34 | | | | | | | 16B | 9 | | PXRS00 | 02 | PXRS9A | 01 | 1 | TQ2 | C2 | | 16A | | |
| 64978 | | XA201 | 35 | | | | | | | 16B | 9 | | T16MHA | 004 | P16MHA | 01 | 1 | TQ2 | C4 | | 17B | | |
| 63683 | | XA201 | 36 | | | | | | | 16B | 9 | | SPI0013 | 17 | PXRS9A | 01 | 2 | TQ2 | C2 | | 17A | | |
| 63688 | | XA201 | 37 | | | | | | | 16B | 9 | | SPI0013 | 22 | P16MHA | 01 | 2 | TQ2 | C4 | | 18B | | |
| 61861 | | XA201 | 38 | | | | | | | 16B | 9 | | PXRS8A | 02 | PXRS2B | 01 | 1 | TQ2 | C1 | | 18A | | |
| 61886 | | XA201 | 38 | | | | | | | | | | PXRS8A | 01 | PXRS8A | 00 | 1 | TQ2 | C1 | | 18A | PXRS2B BUSS | |
| 62503 | | XA201 | 39 | | | | | | | | | | P16MHA | 05 | P16MHA | 00 | 1 | TQ2 | C4 | | 19B | | |
| 61824 | | XA201 | 40 | | | | | | | 16B | 9 | | PXRS00 | 01 | PXRS8A | 01 | 1 | TQ2 | C1 | | 19A | | |
| 61531 | | XA201 | 41 | | | | | | | | | | PXCP3A | 03 | PXCP30 | 01 | 1 | TQ2 | D3 | | 22B | | |
| 63685 | | XA201 | 42 | | | | | | | 16B | 9 | | SPI0013 | 19 | PXRS8A | 01 | 2 | TQ2 | C1 | | 20A | | |
| 63687 | | XA201 | 43 | | | | | | | 16B | 9 | | SPI0013 | 21 | PXCP30 | 01 | 2 | TQ2 | D3 | | 23B | | |
| 60331 | | XA201 | 44 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 21B | | |
| 61532 | | XA201 | 45 | | | | | | | 16B | 9 | | PXCP30 | 01 | PXCP3B | 01 | 1 | TQ2 | D3 | | 24B | | |
| 61542 | | XA201 | 45 | | | | | | | | | | PXCP30 | 01 | PXCP30 | 00 | 1 | TQ2 | D3 | | 24B | PXCP3B BUSS | |
| 61526 | | XA201 | 46 | | | | | | | 16B | 9 | | PXCP10 | 11 | PXCP1B | 01 | 2 | TQ2 | D2 | | 21A | | |
| 61528 | | XA201 | 46 | | | | | | | | | | PXCP10 | 01 | PXCP10 | 00 | 1 | TQ2 | D2 | | 21A | PXCP1B BUSS | |
| 61530 | | XA201 | 47 | | | | | | | 16B | 9 | | PXCP3A | 02 | PXCP40 | 01 | 1 | TQ2 | D4 | | 25B | | |
| 61513 | | XA201 | 48 | | | | | | | 16B | 9 | | PXCP1A | 01 | PXCP10 | 01 | 1 | TQ2 | D2 | | 22A | | |
| 63689 | | XA201 | 49 | | | | | | | 16B | 9 | | SPI0013 | 23 | PXCP40 | 01 | 2 | TQ2 | D4 | | 26B | | |
| CONNECTOR (XA201) CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1103

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA201
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 89

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SFC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|--|--------|-----------|-----|-----|--------|-----------|-----|-----|-------------|------|-------|---------------|---------|--------|----------|------|--------|------------------|-------|---------------------|-------------|-------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SFC | PREFIX | CONNECTOR | PIN | SFC | MULTI GROUP | CODE | COLOR | | | | | | | | | | IDENT | AND | | |
| 63690 | | XA201 | 50 | | | | | | | 16B | 9 | | SPI0013 | 24 | PXCP10 | 01 | 2 | TQ2 | D2 | | 23A | | | |
| 61533 | | XA201 | 51 | | | XA201 | 56 | | | 16B | 9 | | PXCP40 | 02 | PXCP3B | 01 | 2 | TQ2 | D4 | | 27B | | | |
| 61543 | | XA201 | 51 | | | | | | | | | J | PXCP40 | 01 | PXCP40 | 00 | 1 | TQ2 | D4 | | 27B | PXC P3B BUSS | | |
| 61512 | | XA201 | 52 | | | | | | | | | J | PXCP00 | 01 | PXCP00 | 00 | 1 | TQ2 | D1 | | 24A | PXC P1B BUSS | | |
| 61527 | | XA201 | 52 | | | | | | | | | P | PXCP00 | 12 | PXCP1B | 01 | 1 | TQ2 | D1 | | 24A | | | |
| 63569 | | XA201 | 53 | | | XA201 | 59 | | | 16B | 9 | | QONLNP | 01 | QONL10 | 01 | 1 | TQ2 | E3 | | 28B | | | |
| 61514 | | XA201 | 54 | | | XA202 | 52 | | | 16B | 9 | | PXCP1A | 02 | PXCP00 | 01 | 1 | TQ2 | D1 | | 25A | | | |
| 63692 | | XA201 | 55 | | | XA201 | 61 | | | 16B | 9 | | SPI0013 | 26 | QONL10 | 01 | 2 | TQ2 | E3 | | 29B | | | |
| 63691 | | XA201 | 56 | | | XA201 | 55 | | | 16B | 9 | | SPI0013 | 25 | PXCP00 | 01 | 2 | TQ2 | D1 | | 26A | | | |
| 63589 | | XA201 | 57 | | | XA203 | 33 | | | 16B | 9 | | QONL10 | 08 | QONL10 | 00 | 1 | TQ2 | E3 | | 30B | CPU-R. SENDER CON | | |
| 60332 | | XA201 | 58 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 27A | | | |
| 63570 | | XA201 | 59 | | | XA202 | 62 | | | 16B | 9 | | QONLNP | 02 | QONL20 | 01 | 1 | TQ2 | F4 | | 31B | | | |
| 62589 | | XA201 | 60 | | | XA225 | 73 | | | 16B | 9 | | QDVCLA | 01 | QDVCLA | 00 | 1 | TQ2 | E2 | | 28A | | | |
| 63693 | | XA201 | 61 | | | XA201 | 64 | | | 16B | 9 | | SPI0013 | 27 | QONL20 | 01 | 2 | TQ2 | F4 | | 32B | | | |
| 62596 | | XA201 | 62 | | | | | | | | | | QDVCL0 | 02 | QDVCLA | 01 | 1 | TQ2 | F2 | | 29A | | | |
| 63600 | | XA201 | 63 | | | XA305 | 42 | | | 16B | 9 | | QONL20 | 06 | QONL20 | 00 | 1 | TQ2 | F4 | | 33B | | | |
| 63694 | | XA201 | 64 | | | XA201 | 70 | | | 16B | 9 | | SPI0013 | 28 | QDVCLA | 01 | 2 | TQ2 | E2 | | 30A | | | |
| 61087 | | XA201 | 65 | | | XA202 | 65 | | | 16B | 9 | | PRRS00 | 03 | PRRS6A | 01 | 1 | TQ2 | F3 | | 34B | | | |
| 60817 | | XA201 | 66 | | | | | | | | | | PDVCLA | 07 | PDVCLA | 00 | 1 | TQ2 | E1 | | 31A | | | |
| 60333 | | XA201 | 67 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 40A | | | |
| 60819 | | XA201 | 68 | | | | | | | | | | PDVCL0 | 02 | PDVCLA | 01 | 1 | TQ2 | E1 | | 32A | | | |
| 61123 | | XA201 | 69 | | | | | | | | | | PRRS6A | 05 | PRRS6A | 00 | 1 | TQ2 | F3 | | 35A | | | |
| 63695 | | XA201 | 70 | | | XA201 | 74 | | | 16B | 9 | | SPI0013 | 29 | PDVCLA | 01 | 2 | TQ2 | E1 | | 33A | | | |
| 61086 | | XA201 | 71 | | | XA201 | 65 | | | 16B | 9 | | PRRS00 | 02 | PRRS5A | 01 | 1 | TQ2 | F2 | | 36A | | | |
| 61118 | | XA201 | 72 | | | | | | | | | | PRRS5A | 05 | PRRS5A | 00 | 1 | TQ2 | F2 | | 34A | | | |
| 63699 | | XA201 | 73 | | | XA344 | 55 | | | 16B | 9 | | SPI0013 | 33 | PRRS5A | 01 | 2 | TQ2 | F2 | | 36B | | | |
| 63696 | | XA201 | 74 | | | XA201 | 78 | | | 16B | 9 | | SPI0013 | 30 | PRRS6A | 01 | 2 | TQ2 | F3 | | 35B | | | |
| 61113 | | XA201 | 75 | | | | | | | | | | PRRS4A | 05 | PRRS4A | 00 | 1 | TQ2 | F1 | | 37B | | | |
| 61090 | | XA201 | 76 | | | XA202 | 77 | | | 16B | 9 | | PRRS00 | 06 | PRRS7A | 01 | 1 | TQ2 | F4 | | 37A | | | |
| 61085 | | XA201 | 77 | | | XA201 | 71 | | | 16B | 9 | | PRRS00 | 01 | PRRS4A | 01 | 1 | TQ2 | F1 | | 38B | | | |
| 63697 | | XA201 | 78 | | | XA201 | 79 | | | 16B | 9 | | SPI0013 | 31 | PRRS7A | 01 | 2 | TQ2 | F4 | | 38A | | | |
| 63698 | | XA201 | 79 | | | XA201 | 73 | | | 16B | 9 | | SPI0013 | 32 | PRRS4A | 01 | 2 | TQ2 | F1 | | 39B | | | |
| 61128 | | XA201 | 80 | | | | | | | | | | PRRS7A | 05 | PRRS7A | 00 | 1 | TQ2 | F4 | | 39A | | | |
| 63013 | | XA202 | 01 | | | XA203 | 01 | | | 16B | 9 | | QXINHR | 01 | QXINHR | 00 | 1 | TQ2 | A2 | | 02B | | | |
| 60334 | | XA202 | 02 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01A | | | |
| 63667 | | XA202 | 03 | | | XA202 | 11 | | | 16B | 9 | | SPI0013 | 01 | | 01 | 1 | TQ2 | A3 | | 02A | | | |
| 63019 | | XA202 | 04 | | | | | | | | | | QXINHS | 02 | QXINHR | 01 | 1 | TQ2 | A2 | | 04A | | | |
| 63020 | | XA202 | 05 | | | XA203 | 20 | | | 16B | 9 | | QXIN0A | 01 | QXINHR | 01 | 2 | TQ2 | A2 | | 03B | | | |
| 61719 | | XA202 | 06 | | | XA203 | 06 | | | 16B | 9 | | PXINHR | 01 | PXINHR | 00 | 1 | TQ2 | A1 | | 05A | | | |
| 63739 | | XA202 | 07 | | | | | | | | | | SPI0023 | 39 | | 01 | 2 | TQ2 | A3 | | 03A | | | |
| 61724 | | XA202 | 08 | | | XA203 | 04 | | | 16B | 9 | | PXINHS | 01 | PXINHR | 01 | 1 | TQ2 | A1 | | 06A | | | |
| 64727 | | XA202 | 09 | | | | | | | | | | SPO | 01 | | 00 | 1 | TQ2 | A3 | | 04B | | | |
| 61727 | | XA202 | 10 | | | | | | | | | | PXIN0A | 02 | PXINHR | 01 | 2 | TQ2 | A1 | | 07A | | | |
| 63668 | | XA202 | 11 | | | XA201 | 10 | | | 16B | 9 | | SPI0013 | 02 | | 01 | 1 | TQ2 | A4 | | 05B | | | |
| 60035 | | XA202 | 12 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | | |
| 63738 | | XA202 | 13 | | | XA202 | 07 | | | 16B | 9 | | SPI0023 | 38 | | 01 | 2 | TQ2 | A4 | | 06B | | | |
| 62517 | | XA202 | 14 | | | | | | | | | | P16MIO | 06 | P16MIO | 00 | 1 | TQ2 | B2 | | 09A | | | |
| 64728 | | XA202 | 15 | | | | | | | | | | SPO | 01 | | 00 | 1 | TQ2 | A4 | | 07B | | | |
| CONNECTOR XA202 CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA202
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 90

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SPEC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|--|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|----------------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|-------------------|
| | PREFIX | CONNECTOR | PIN | SH FC | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 60335 | | XA202 | 16 | | | | | | | | | | GND | 01 | | | TQ2 | | | | 01B | | |
| 62499 | | XA202 | 17 | | XA202 | 18 | | | 16B | 9 | | | P16MHA | 01 | Q16MHO | 01 | 1 | TQ2 | B3 | | | 08B | |
| 62500 | | XA202 | 18 | | XA202 | 24 | | | 16B | 9 | | | P16MHA | 02 | P16MIO | 01 | 1 | TQ2 | B2 | | | 10A | |
| 63675 | | XA202 | 19 | | XA202 | 20 | | | 16B | 9 | | | SPI0013 | 09 | Q16MHO | 01 | 2 | TQ2 | B3 | | | 09B | |
| 63676 | | XA202 | 20 | | XA202 | 26 | | | 16B | 9 | | | SPI0013 | 10 | P16MIO | 01 | 2 | TQ2 | B2 | | | 11A | |
| 63624 | | XA202 | 21 | | | | | | | | | | Q16MHO | 08 | Q16MHO | 00 | 1 | TQ2 | B3 | | | 10B | |
| 62511 | | XA202 | 22 | | | | | | | | | | P16MHO | 08 | P16MHO | 00 | 1 | TQ2 | B1 | | | 12A | |
| 62502 | | XA202 | 23 | | XA201 | 39 | | | 16B | 9 | | | P16MHA | 04 | Q16MIO | 01 | 1 | TQ2 | B4 | | | 11B | |
| 62501 | | XA202 | 24 | | XA202 | 23 | | | 16B | 9 | | | P16MHA | 03 | P16MHO | 01 | 1 | TQ2 | B1 | | | 13A | |
| 63678 | | XA202 | 25 | | XA201 | 26 | | | 16B | 9 | | | SPI0013 | 12 | Q16MIO | 01 | 2 | TQ2 | B4 | | | 12B | |
| 63677 | | XA202 | 26 | | XA202 | 25 | | | 16B | 9 | | | SPI0013 | 11 | P16MHO | 01 | 2 | TQ2 | B1 | | | 14A | |
| 63625 | | XA202 | 27 | | XA303 | 46 | | | 16B | 9 | | | Q16MIO | 01 | Q16MIO | 00 | 1 | TQ2 | B4 | | | 13B | |
| 60036 | | XA202 | 28 | | | | | | | | | | +5V | 01 | | | TQ2 | | | | | | |
| 61432 | | XA202 | 29 | | | | | | | | | | PXASLA | 02 | PXONLO | 01 | 1 | TQ2 | C3 | | | 14B | |
| 61603 | | XA202 | 30 | | XA203 | 24 | | | 16B | 9 | | | PXDVEO | 01 | PXDVEO | 00 | 1 | TQ2 | C2 | | | 15A | DEV STROBE.EITHER |
| 63682 | | XA202 | 31 | | XA201 | 36 | | | 16B | 9 | | | SPI0013 | 16 | PXONLO | 01 | 2 | TQ2 | C3 | | | 15B | |
| 60336 | | XA202 | 32 | | | | | | | | | | GND | 01 | | | TQ2 | | | | | 20B | |
| 62360 | | XA202 | 33 | | | | | | | | | | PXONLO | 03 | PXONLO | 00 | 1 | TQ2 | C3 | | | 16B | |
| 61618 | | XA202 | 34 | | XA340 | 23 | | | 16B | 9 | | | PXCAOA | 00 | PXDVEO | 01 | 1 | TQ2 | C2 | | | 16A | |
| 61783 | | XA202 | 35 | | | | | | | | | | PXRPSO | 02 | PXRPSA | 01 | 1 | TQ2 | C4 | | | 17B | |
| 62911 | | XA202 | 36 | | | | | | | | | | QXCAOA | 03 | PXDVEO | 01 | 2 | TQ2 | C2 | | | 17A | |
| 63684 | | XA202 | 37 | | XA201 | 42 | | | 16B | 9 | | | SPI0013 | 18 | PXRPSA | 01 | 2 | TQ2 | C4 | | | 18B | |
| 63550 | | XA202 | 38 | | XA203 | 26 | | | 16B | 9 | | | QXONLO | 01 | QXONLO | 00 | 1 | TQ2 | C1 | | | 18A | |
| 61781 | | XA202 | 39 | | | | | | | | | | PXRPSA | 02 | PXRPSA | 00 | 1 | TQ2 | C4 | | | 19B | |
| 62789 | | XA202 | 40 | | | | | | | | | | QXBLSA | 02 | QXONLO | 01 | 1 | TQ2 | C1 | | | 19A | |
| 64977 | | XA202 | 41 | | XA239 | 23 | | | 16B | 9 | | | TO4MHK | 015 | PO4MHO | 01 | 1 | TQ2 | D3 | | | 22B | A01 |
| 63686 | | XA202 | 42 | | XA201 | 43 | | | 16B | 9 | | | SPI0013 | 20 | QXONLO | 01 | 2 | TQ2 | C1 | | | 20A | |
| 63760 | | XA202 | 43 | | XA202 | 49 | | | 16B | 9 | | | SPI0033 | 20 | PO4MHO | 01 | 2 | TQ2 | D3 | | | 23B | |
| 60337 | | XA202 | 44 | | | | | | | | | | GND | 01 | | | TQ2 | | | | | 21B | |
| 62460 | | XA202 | 45 | | | | | | | | | | PO4MHO | 03 | PO4MHO | 00 | 1 | TQ2 | D3 | | | 24B | |
| 61529 | | XA202 | 46 | | XA201 | 47 | | | 16B | 9 | | | PXCP3A | 01 | PXCP3A | 00 | 1 | TQ2 | D2 | | | 21A | CLOCK PHASE 3 |
| 62405 | | XA202 | 47 | | | | | | | | | | PONLNP | 05 | PONL10 | 01 | 1 | TQ2 | D4 | | | 25B | |
| 62367 | | XA202 | 48 | | | | | | | | | | PX1MAO | 03 | PXCP3A | 01 | 1 | TQ2 | D2 | | | 22A | |
| 63761 | | XA202 | 49 | | XA202 | 55 | | | 16B | 9 | | | SPI0033 | 21 | PONL10 | 01 | 2 | TQ2 | D4 | | | 26B | |
| 62368 | | XA202 | 50 | | XA320 | 08 | | | 16B | 9 | | | PX1MBP | 01 | PXCP3A | 01 | 2 | TQ2 | D2 | | | 23A | |
| 62422 | | XA202 | 51 | | XA205 | 40 | | | 16B | 9 | | | PONL10 | 08 | PONL10 | 00 | 1 | TQ2 | D4 | | | 27B | CPU-A SENDER CONT |
| 61515 | | XA202 | 52 | | | | | | | | | | PXCP1A | 03 | PXCP1A | 00 | 1 | TQ2 | D1 | | | 24A | CLOCK PHASE 1 |
| 62404 | | XA202 | 53 | | XA202 | 47 | | | 16B | 9 | | | PONLNP | 04 | PONL20 | 01 | 1 | TQ2 | E3 | | | 28B | |
| 62363 | | XA202 | 54 | | XA320 | 11 | | | 16B | 9 | | | PX1MAP | 01 | PXCP1A | 01 | 1 | TQ2 | D1 | | | 25A | |
| 63762 | | XA202 | 55 | | XA202 | 61 | | | 16B | 9 | | | SPI0033 | 22 | PONL20 | 01 | 2 | TQ2 | E3 | | | 29B | |
| 62374 | | XA202 | 56 | | | | | | | | | | PX1MBO | 04 | PXCP1A | 01 | 2 | TQ2 | D1 | | | 26A | |
| 62428 | | XA202 | 57 | | XA208 | 18 | | | 16B | 9 | | | PONL20 | 01 | PONL20 | 00 | 1 | TQ2 | E3 | | | 30B | |
| 60338 | | XA202 | 58 | | | | | | | | | | GND | 01 | | | TQ2 | | | | | 27A | |
| 62403 | | XA202 | 59 | | XA202 | 53 | | | 16B | 9 | | | PONLNP | 03 | PONL30 | 01 | 1 | TQ2 | E4 | | | 31B | |
| 62595 | | XA202 | 60 | | XA201 | 62 | | | 16B | 9 | | | QDVCL0 | 01 | QDVCL0 | 00 | 1 | TQ2 | E2 | | | 28A | CPU-B SENDER DR M |
| 63763 | | XA202 | 61 | | XA202 | 73 | | | 16B | 9 | | | SPI0033 | 23 | PONL30 | 01 | 2 | TQ2 | E4 | | | 32B | |
| 63571 | | XA202 | 62 | | XA321 | 09 | | | 16B | 9 | | | QONLNP | 03 | QDVCL0 | 01 | 1 | TQ2 | E2 | | | 29A | |
| 62441 | | XA202 | 63 | | XA208 | 71 | | | 16B | 9 | | | PONL30 | 01 | PONL30 | 00 | 1 | TQ2 | E4 | | | 33B | |
| 61854 | | XA202 | 64 | | XA201 | 27 | | | 16B | 9 | | | PXR51B | 18 | QDVCL0 | 01 | 2 | TQ2 | E2 | | | 30A | |
| 61088 | | XA202 | 65 | | XA202 | 71 | | | 16B | 9 | | | PRRS00 | 04 | PRRS2A | 01 | 1 | TQ2 | E3 | | | 34B | |
| CONNECTOR (XA202) CONTINUED ON THE NEXT PAGE ***** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA202
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 91

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SPEC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|----------------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH TO | PREFIX | CONNECTOR | PIN | SH TO | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 60818 | | XA202 | 66 | | | XA201 | 68 | | | 16B | 9 | | PDVCL0 | 01 | PDVCL0 | 00 | 1 | TQ2 | E1 | | 31A | CPU-A SENDER DR M | |
| 60339 | | XA202 | 67 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 40A | | |
| 62402 | | XA202 | 68 | | | XA202 | 59 | | | 16B | 9 | | PONLNP | 02 | PDVCL0 | 01 | 1 | TQ2 | E1 | | 32A | | |
| 61099 | | XA202 | 69 | | | XA321 | 20 | | | 16B | 9 | | PRRS2A | 01 | PRRS2A | 00 | 1 | TQ2 | F3 | | 35A | | |
| 61853 | | XA202 | 70 | | | XA202 | 64 | | | 16B | 9 | | PXRS1B | 17 | PDVCL0 | 01 | 2 | TQ2 | E1 | | 33A | | |
| 61089 | | XA202 | 71 | | | XA201 | 76 | | | 16B | 9 | | PRRS00 | 05 | PRRS1A | 01 | 1 | TQ2 | F2 | | 36A | | |
| 61098 | | XA202 | 72 | | | | | | | | | | PRRS1A | 05 | PRRS1A | 00 | 1 | TQ2 | F2 | | 34A | | |
| 63764 | | XA202 | 73 | | | XA202 | 74 | | | 16B | 9 | | SPT0033 | 24 | PRRS1A | 01 | 2 | TQ2 | F2 | | 36B | | |
| 63765 | | XA202 | 74 | | | XA202 | 78 | | | 16B | 9 | | SPT0033 | 25 | PRRS2A | 01 | 2 | TQ2 | F3 | | 35B | | |
| 61084 | | XA202 | 75 | | | | | | | | | | PRRS0A | 05 | PRRS0A | 00 | 1 | TQ2 | F1 | | 37B | | |
| 61092 | | XA202 | 76 | | | XA203 | 31 | | | 16B | 9 | | PRRS00 | 08 | PRRS3A | 01 | 1 | TQ2 | F4 | | 37A | | |
| 61091 | | XA202 | 77 | | | XA202 | 76 | | | 16B | 9 | | PRRS00 | 07 | PRRS0A | 01 | 1 | TQ2 | F1 | | 38B | | |
| 63766 | | XA202 | 78 | | | XA202 | 79 | | | 16B | 9 | | SPT0033 | 26 | PRRS3A | 01 | 2 | TQ2 | F4 | | 38A | | |
| 63767 | | XA202 | 79 | | | XA207 | 78 | | | 16B | 9 | | SPT0033 | 27 | PRRS0A | 01 | 2 | TQ2 | F1 | | 39B | | |
| 61108 | | XA202 | 80 | | | | | | | | | | PRRS3A | 05 | PRRS3A | 00 | 1 | TQ2 | F4 | | 39A | | |
| 63014 | | XA203 | 01 | | | XA305 | 46 | | | 16B | 9 | | QXINHR | 02 | QXINHS | 01 | 1 | TT3 | A2 | | 02B | | |
| 60340 | | XA203 | 02 | | | | | | | | | | GND | 01 | | | | TT3 | | | 01B | | |
| 63552 | | XA203 | 03 | | | | | | | | | | QXONL0 | 03 | QXINHS | 01 | 2 | TT3 | A2 | | 02A | | |
| 61725 | | XA203 | 04 | | | | | | | | | | PXINHS | 02 | PXINHS | 00 | 1 | TT3 | A1 | | 04A | OFF LINE STORE F/ | |
| 61819 | | XA203 | 05 | | | XA201 | 06 | | | 16B | 9 | | PXRS0B | 20 | QXINHS | 01 | 3 | TT3 | A2 | | 03B | | |
| 61720 | | XA203 | 06 | | | XA332 | 26 | | | 16B | 9 | | PXINHR | 02 | PXINHS | 01 | 1 | TT3 | A1 | | 05A | | |
| 63018 | | XA203 | 07 | | | XA202 | 04 | | | 16B | 9 | | QXINHS | 01 | QXINHS | 00 | 1 | TT3 | A2 | | 03A | OFF LINE STORE E/ | |
| 62358 | | XA203 | 08 | | | XA203 | 13 | | | 16B | 9 | | PXONL0 | 01 | PXINHS | 01 | 2 | TT3 | A1 | | 06A | | |
| 61818 | | XA203 | 09 | | | XA203 | 05 | | | 16B | 9 | | PXRS0B | 19 | PXIN0A | 01 | 1 | TT3 | A3 | | 04B | | |
| 61817 | | XA203 | 10 | | | XA203 | 09 | | | 16B | 9 | | PXRS0B | 18 | PXINHS | 01 | 3 | TT3 | A1 | | 07A | | |
| 61605 | | XA203 | 11 | | | | | | | | | | PXDVE0 | 03 | PXIN0A | 01 | 2 | TT3 | A3 | | 05B | | |
| 60037 | | XA203 | 12 | | | | | | | | | | +5V | 01 | | | | TT3 | | | | | |
| 62359 | | XA203 | 13 | | | XA202 | 33 | | | 16B | 9 | | PXONL0 | 02 | PXIN0A | 01 | 3 | TT3 | A3 | | 06B | | |
| 61780 | | XA203 | 14 | | | XA202 | 39 | | | 16B | 9 | | PXRPSA | 01 | PXRS00 | 01 | 1 | TT3 | B2 | | 09A | | |
| 61726 | | XA203 | 15 | | | XA202 | 10 | | | 16B | 9 | | PXIN0A | 01 | PXIN0A | 00 | 1 | TT3 | A3 | | 07B | | |
| 60341 | | XA203 | 16 | | | | | | | | | | GND | 01 | | | | TT3 | | | 21B | | |
| 61745 | | XA203 | 17 | | | | | | | | | | PXRPSA | 02 | PXRS00 | 01 | 2 | TT3 | B2 | | 08B | | |
| 60159 | | XA203 | 18 | | | XA305 | 48 | | | 16B | 9 | | DEVINH | 11 | PXRS00 | 01 | 3 | TT3 | B2 | | 10A | | |
| 61835 | | XA203 | 19 | | | | | | | | | | PXRS00 | 12 | PXRS00 | 00 | 1 | TT3 | B2 | | 09B | CONTROLLER MASTER | |
| 63021 | | XA203 | 20 | | | | | | | | | | QXIN0A | 02 | QXIN0A | 00 | 1 | TT3 | B1 | | 11A | | |
| 61393 | | XA203 | 21 | | | XA343 | 10 | | | 16B | 9 | | PXACMOX | 01 | PXARSA | 01 | 1 | TT3 | B3 | | 10B | | |
| 61816 | | XA203 | 22 | | | XA203 | 10 | | | 16B | 9 | | PXRS0B | 17 | QXIN0A | 01 | 1 | TT3 | B1 | | 12A | | |
| 61400 | | XA203 | 23 | | | XA343 | 05 | | | 16B | 9 | | PXAENOX | 01 | PXARSA | 01 | 2 | TT3 | B3 | | 11B | | |
| 61604 | | XA203 | 24 | | | XA203 | 11 | | | 16B | 9 | | PXDVE0 | 02 | QXIN0A | 01 | 2 | TT3 | B1 | | 13A | | |
| 61441 | | XA203 | 25 | | | | | | | | | | PXASLOX | 07 | PXARSA | 01 | 3 | TT3 | B3 | | 12B | | |
| 63551 | | XA203 | 26 | | | XA203 | 03 | | | 16B | 9 | | QXONL0 | 02 | QXIN0A | 01 | 3 | TT3 | B1 | | 14A | | |
| 61430 | | XA203 | 27 | | | | | | | | | | PXARSA | 02 | PXARSA | 00 | 1 | TT3 | B3 | | 13B | PORT A RESET | |
| 60038 | | XA203 | 28 | | | | | | | | | | +5V | 01 | | | | TT3 | | | | | |
| 62327 | | XA203 | 29 | | | XA206 | 53 | | | 16B | 9 | | PXODRA | 01 | PRRS00 | 01 | 1 | TT3 | C2 | | 14B | | |
| 63522 | | XA203 | 30 | | | | | | | | | | QXODRA | 03 | PRRS00 | 01 | 2 | TT3 | C2 | | 15A | | |
| 61093 | | XA203 | 31 | | | | | | | | | | PRRS00 | 09 | PRRS00 | 00 | 1 | TT3 | C2 | | 15B | | |
| 60342 | | XA203 | 32 | | | | | | | | | | GND | 01 | | | | TT3 | | | 27A | | |
| 63590 | | XA203 | 33 | | | XA205 | 30 | | | 16B | 9 | | QONL10 | 09 | QENFCA | 01 | 1 | TT3 | C3 | | 16B | | |
| CONNECTOR (XA203) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA203
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 92

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | PCO NO |
|---------------|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|--------|---------|----------|--------|--------|------------------|-------|---------------------|--------------------|--------------------|------------------|
| | PREFIX | CONNECTOR | PIN | SH TS | PREFIX | CONNECTOR | PIN | SH TS | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 61863 | | XA203 | 34 | | | | | | | | | | PXRS2B | 04 | PRRS00 | 01 | 3 | TT3 | C2 | | 16A | |
| 63435 | | XA203 | 35 | | XA206 | 41 | | | 16B | 9 | | | QXXDIS | 05 | QENFCA | 01 | 2 | TT3 | C3 | | 17B | |
| 62787 | | XA203 | 36 | | | | | | | | | | QXBRSA | 02 | QXBRSA | 00 | 1 | TT3 | C1 | | 17A | PORT B RESET |
| 63504 | | XA203 | 37 | | XA205 | 26 | | | 16B | 9 | | | QXXR1Q | 04 | QENFCA | 01 | 3 | TT3 | C3 | | 18B | |
| 62758 | | XA203 | 38 | | | | | | | | | | QXBCMOX | 03 | QXBRSA | 01 | 1 | TT3 | C1 | | 18A | |
| 62621 | | XA203 | 39 | | XA206 | 20 | | | 16B | 9 | | | QENFCA | 01 | QENFCA | 00 | 1 | TT3 | C3 | | 19B | INTERRUPT SENDER |
| 62762 | | XA203 | 40 | | | | | | | | | | QXBENOX | 03 | QXBRSA | 01 | 2 | TT3 | C1 | | 19A | |
| 63547 | | XA203 | 41 | | | | | | | | | | QXOFRS | 09 | QXOD0A | 01 | 1 | TT3 | D2 | | 22B | |
| 62798 | | XA203 | 42 | | | | | | | | | | QXBSLOX | 07 | QXBRSA | 01 | 3 | TT3 | C1 | | 20A | DFR RECEIVE DATA |
| 63525 | | XA203 | 43 | | | | | | | | | | QXOD0A | 03 | QXOD0A | 00 | 1 | TT3 | D2 | | 23B | |
| 60343 | | XA203 | 44 | | | | | | | | | | GND | 01 | | | | TT3 | | | 40A | |
| 63546 | | XA203 | 45 | | XA203 | 41 | | | 16B | 9 | | | QXOFRS | 08 | QXOD1A | 01 | 1 | TT3 | D3 | | 24B | |
| 63342 | | XA203 | 46 | | | | | | | | | | QXXB20 | 05 | QXOD0A | 01 | 2 | TT3 | D2 | | 21A | |
| 63349 | | XA203 | 47 | | | | | | | | | | QXXB30 | 03 | QXOD1A | 01 | 2 | TT3 | D3 | | 25B | |
| 63276 | | XA203 | 48 | | XA203 | 56 | | | 16B | 9 | | | QXXA50 | 02 | QXOD0A | 01 | 3 | TT3 | D2 | | 22A | |
| 63275 | | XA203 | 49 | | XA203 | 48 | | | 16B | 9 | | | QXXA50 | 01 | QXOD1A | 01 | 3 | TT3 | D3 | | 26B | |
| 63519 | | XA203 | 50 | | | | | | | | | | QXODEA | 02 | QXODEA | 00 | 1 | TT3 | D1 | | 23A | DFR RECEIVE DATA |
| 63528 | | XA203 | 51 | | | | | | | | | | QXOD1A | 03 | QXOD1A | 00 | 1 | TT3 | D3 | | 27B | DFR RECEIVE DATA |
| 63544 | | XA203 | 52 | | XA203 | 53 | | | 16B | 9 | | | QXOFRS | 06 | QXODEA | 01 | 1 | TT3 | D1 | | 24A | |
| 63545 | | XA203 | 53 | | XA203 | 45 | | | 16B | 9 | | | QXOFRS | 07 | QXOD3A | 01 | 1 | TT3 | F2 | | 28B | |
| 63098 | | XA203 | 54 | | | | | | | | | | QXROPPR | 04 | QXODEA | 01 | 2 | TT3 | D1 | | 25A | |
| 63536 | | XA203 | 55 | | | | | | | | | | QXOD3A | 05 | QXOD3A | 00 | 1 | TT3 | E2 | | 29B | DFR RECEIVE DATA |
| 63277 | | XA203 | 56 | | XA203 | 62 | | | 16B | 9 | | | QXXA50 | 03 | QXODEA | 01 | 3 | TT3 | D1 | | 26A | |
| 62839 | | XA203 | 57 | | | | | | | | | | QXCA10 | 07 | QXDV5A | 01 | 1 | TT3 | E3 | | 30B | |
| 60344 | | XA203 | 58 | | | | | | | | | | GND | 01 | | | | TT3 | | | 40B | |
| 62892 | | XA203 | 59 | | XA310 | 14 | | | 16B | 9 | | | QXDEVO | 01 | QXDV5A | 01 | 2 | TT3 | E3 | | 31B | |
| 63358 | | XA203 | 60 | | XA310 | 39 | | | 16B | 9 | | | QXXB50 | 01 | QXOD3A | 01 | 2 | TT3 | E2 | | 28A | |
| 62901 | | XA203 | 61 | | XA309 | 21 | | | 16B | 9 | | | QXDVC0 | 01 | QXDV5A | 01 | 3 | TT3 | E3 | | 32B | |
| 63278 | | XA203 | 62 | | XA203 | 70 | | | 16B | 9 | | | QXXA50 | 04 | QXOD3A | 01 | 3 | TT3 | E2 | | 29A | |
| 62936 | | XA203 | 63 | | XA306 | 13 | | | 16B | 9 | | | QXDV5A | 01 | QXDV5A | 00 | 1 | TT3 | E3 | | 33B | |
| 63531 | | XA203 | 64 | | | | | | | | | | QXOD2A | 03 | QXOD2A | 00 | 1 | TT3 | E1 | | 30A | DFR RECEIVE DATA |
| 62838 | | XA203 | 65 | | XA203 | 57 | | | 16B | 9 | | | QXCA10 | 06 | QXHS0A | 01 | 1 | TT3 | F2 | | 34B | |
| 63543 | | XA203 | 66 | | XA203 | 52 | | | 16B | 9 | | | QXOFRS | 05 | QXOD2A | 01 | 1 | TT3 | E1 | | 31A | |
| 60345 | | XA203 | 67 | | | | | | | | | | GND | 01 | | | | TT3 | | | | |
| 63352 | | XA203 | 68 | | XA311 | 19 | | | 16B | 9 | | | QXXB40 | 01 | QXOD2A | 01 | 2 | TT3 | E1 | | 32A | |
| 62837 | | XA203 | 69 | | XA203 | 65 | | | 16B | 9 | | | QXCA10 | 05 | QXIROA | 01 | 1 | TT3 | F3 | | 35A | |
| 63279 | | XA203 | 70 | | XA311 | 07 | | | 16B | 9 | | | QXXA50 | 05 | QXOD2A | 01 | 3 | TT3 | E1 | | 33A | |
| 62881 | | XA203 | 71 | | XA203 | 77 | | | 16B | 9 | | | QXDEVA | 01 | QXHS0A | 01 | 2 | TT3 | F2 | | 36A | |
| 63009 | | XA203 | 72 | | XA309 | 27 | | | 16B | 9 | | | QXHST0 | 01 | QXHS0A | 01 | 3 | TT3 | F2 | | 34A | |
| 62947 | | XA203 | 73 | | XA303 | 17 | | | 16B | 9 | | | QXEBOA | 01 | QXEBOA | 00 | 1 | TT3 | F1 | | 36B | |
| 63012 | | XA203 | 74 | | | | | | | | | | QXHS0A | 02 | QXHS0A | 00 | 1 | TT3 | F2 | | 35B | |
| 62836 | | XA203 | 75 | | XA203 | 69 | | | 16B | 9 | | | QXCA10 | 04 | QXEBOA | 01 | 1 | TT3 | F1 | | 37B | |
| 62883 | | XA203 | 76 | | XA309 | 14 | | | 16B | 9 | | | QXDEVA | 03 | QXIROA | 01 | 2 | TT3 | F3 | | 37A | |
| 62882 | | XA203 | 77 | | XA203 | 76 | | | 16B | 9 | | | QXDEVA | 02 | QXEBOA | 01 | 2 | TT3 | F1 | | 38B | |
| 63022 | | XA203 | 78 | | XA310 | 27 | | | 16B | 9 | | | QXIRCO | 01 | QXIROA | 01 | 3 | TT3 | F3 | | 38A | |
| 62980 | | XA203 | 79 | | XA310 | 21 | | | 16B | 9 | | | QXEBO0 | 01 | QXEBOA | 01 | 3 | TT3 | F1 | | 39B | |
| 63026 | | XA203 | 80 | | | | | | | | | | QXIROA | 02 | QXIROA | 00 | 1 | TT3 | F3 | | 39A | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA204
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 93

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------|-------------|------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|-------------|-----|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | COLOR | | | | | | | | | IDENT | AND | | |
| 64195 | | XA204 | 01 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 60346 | | XA204 | 02 | | | | | | | | | GND | 01 | | | | | | | | | |
| 64196 | | XA204 | 03 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64197 | | XA204 | 04 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64198 | | XA204 | 05 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64199 | | XA204 | 06 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64200 | | XA204 | 07 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64201 | | XA204 | 08 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64202 | | XA204 | 09 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64203 | | XA204 | 10 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64204 | | XA204 | 11 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 60039 | | XA204 | 12 | | | | | | | | | +5V | 01 | | | | | | | | | |
| 64205 | | XA204 | 13 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64206 | | XA204 | 14 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64207 | | XA204 | 15 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 60347 | | XA204 | 16 | | | | | | | | | GND | 01 | | | | | | | | | |
| 64208 | | XA204 | 17 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64209 | | XA204 | 18 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64210 | | XA204 | 19 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64211 | | XA204 | 20 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64212 | | XA204 | 21 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64213 | | XA204 | 22 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64214 | | XA204 | 23 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64215 | | XA204 | 24 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64216 | | XA204 | 25 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64217 | | XA204 | 26 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64218 | | XA204 | 27 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 60040 | | XA204 | 28 | | | | | | | | | +5V | 01 | | | | | | | | | |
| 64219 | | XA204 | 29 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64220 | | XA204 | 30 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64221 | | XA204 | 31 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 60348 | | XA204 | 32 | | | | | | | | | GND | 01 | | | | | | | | | |
| 64222 | | XA204 | 33 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64223 | | XA204 | 34 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64224 | | XA204 | 35 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64225 | | XA204 | 36 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64226 | | XA204 | 37 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64227 | | XA204 | 38 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64228 | | XA204 | 39 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64229 | | XA204 | 40 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64230 | | XA204 | 41 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64231 | | XA204 | 42 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64232 | | XA204 | 43 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 60349 | | XA204 | 44 | | | | | | | | | GND | 01 | | | | | | | | | |
| 64233 | | XA204 | 45 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64234 | | XA204 | 46 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64235 | | XA204 | 47 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64236 | | XA204 | 48 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64237 | | XA204 | 49 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64238 | | XA204 | 50 | | | | | | | | | SPP | 01 | | | | | | | | | |
| CONNECTOR XA204 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA204
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 94

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|-------------|----|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SR FC | PREFIX | CONNECTOR | PIN | SR FC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | AND | OR | | |
| 64239 | | XA204 | 51 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64240 | | XA204 | 52 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64241 | | XA204 | 53 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64242 | | XA204 | 54 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64243 | | XA204 | 55 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64244 | | XA204 | 56 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64245 | | XA204 | 57 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 60350 | | XA204 | 58 | | | | | | | | | | GND | 01 | | | | | | | | | | |
| 64246 | | XA204 | 59 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64247 | | XA204 | 60 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64248 | | XA204 | 61 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64249 | | XA204 | 62 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64250 | | XA204 | 63 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64251 | | XA204 | 64 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64252 | | XA204 | 65 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64253 | | XA204 | 66 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 60351 | | XA204 | 67 | | | | | | | | | | GND | 01 | | | | | | | | | | |
| 64254 | | XA204 | 68 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64255 | | XA204 | 69 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64256 | | XA204 | 70 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64257 | | XA204 | 71 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64258 | | XA204 | 72 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64259 | | XA204 | 73 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64260 | | XA204 | 74 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64261 | | XA204 | 75 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64262 | | XA204 | 76 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64263 | | XA204 | 77 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64264 | | XA204 | 78 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64265 | | XA204 | 79 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64266 | | XA204 | 80 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 63594 | | XA205 | 01 | | | | | | | | | | QONL10 | 13 | QTH04A | 01 | 1 | TT3 | A2 | | 02B | | | |
| 60352 | | XA205 | 02 | | | | | | | | | | GND | 01 | | | TT3 | | | | 01B | | | |
| 61619 | | XA205 | 03 | | XA205 | 29 | | | | 16B | 9 | | PSTRB0 | 01 | QTH04A | 01 | 2 | TT3 | A2 | | 02A | | | |
| 61374 | | XA205 | 04 | | XA206 | 08 | | | | 16B | 9 | | PTH04A | 01 | PTH04A | 00 | 1 | TT3 | A1 | | 04A | | CPU-A SENDER, CPU- | |
| 60803 | | XA205 | 05 | | XA206 | 21 | | | | 16B | 9 | | PDTER0 | 01 | QTH04A | 01 | 3 | TT3 | A2 | | 03B | | | |
| 62583 | | XA205 | 06 | | XA206 | 27 | | | | 16B | 9 | | QDTER0 | 01 | PTH04A | 01 | 1 | TT3 | A1 | | 05A | | | |
| 62712 | | XA205 | 07 | | XA206 | 10 | | | | 16B | 9 | | QTH04A | 01 | QTH04A | 00 | 1 | TT3 | A2 | | 03A | | CPU-B SENDER, CPU- | |
| 62426 | | XA205 | 08 | | XA205 | 14 | | | | 16B | 9 | | PONL10 | 12 | PTH04A | 01 | 2 | TT3 | A1 | | 06A | | | |
| 62425 | | XA205 | 09 | | XA205 | 08 | | | | 16B | 9 | | PONL10 | 11 | PDTRQA | 01 | 1 | TT3 | A3 | | 04B | | | |
| 62931 | | XA205 | 10 | | XA205 | 42 | | | | 16B | 9 | | QSTRB0 | 01 | PTH04A | 01 | 3 | TT3 | A1 | | 07A | | | |
| 62237 | | XA205 | 11 | | | | | | | | | | PXXDIR | 06 | PDTRQA | 01 | 2 | TT3 | A3 | | 05B | | | |
| 60041 | | XA205 | 12 | | | | | | | | | | +5V | 01 | | | TT3 | | | | | | | |
| 62308 | | XA205 | 13 | | XA205 | 25 | | | | 16B | 9 | | PXXR1Q | 01 | PDTRQA | 01 | 3 | TT3 | A3 | | 06B | | | |
| 62427 | | XA205 | 14 | | | | | | | | | | PONL10 | 13 | PDARQA | 01 | 1 | TT3 | B2 | | 09A | | | |
| 60806 | | XA205 | 15 | | | | | | | | | | PDTRQA | 02 | PDTRQA | 00 | 1 | TT3 | A3 | | 07B | | DATA REQ. TO SENDE | |
| 60353 | | XA205 | 16 | | | | | | | | | | GND | 01 | | | TT3 | | | | 21B | | | |
| 63425 | | XA205 | 17 | | XA205 | 24 | | | | 16B | 9 | | QXXDIR | 01 | PDARQA | 01 | 2 | TT3 | B2 | | 08B | | | |
| 63506 | | XA205 | 18 | | | | | | | | | | QXXR1Q | 06 | PDARQA | 01 | 3 | TT3 | B2 | | 10A | | | |
| CONNECTOR (XA205) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1109

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA205
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 95

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | C/T OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FC | PREFIX | CONNECTOR | PIN | SH FC | M. TI GROUP | CODE | COLOR | | | | | | | | | | | |
| 60763 | | XA205 | 19 | | | | | | | | | PDRQA | 02 | PDRQA | 00 | 1 | TT3 | B2 | 09B | REQUEST TO RECEIV | | |
| 62586 | | XA205 | 20 | | | | | | | | | QDTRQA | 02 | QDTRQA | 00 | 1 | TT3 | B1 | 11A | DATA REQ. TO SEND | | |
| 63593 | | XA205 | 21 | | XA205 | | | | 16B | 9 | | QONL10 | 12 | QDARQA | 01 | 1 | TT3 | B3 | 10B | | | |
| 63592 | | XA205 | 22 | | XA205 | 21 | | | 16B | 9 | | QONL10 | 11 | QDTRQA | 01 | 1 | TT3 | B1 | 12A | | | |
| 62236 | | XA205 | 23 | | XA205 | 11 | | | 16B | 9 | | PXXDIR | 05 | QDARQA | 01 | 2 | TT3 | B3 | 11B | | | |
| 63426 | | XA205 | 24 | | XA208 | 20 | | | 16B | 9 | | QXXDIR | 02 | QDTRQA | 01 | 2 | TT3 | B1 | 13A | | A05 | |
| 62309 | | XA205 | 25 | | XA205 | 37 | | | 16B | 9 | | PXXRIQ | 02 | QDARQA | 01 | 3 | TT3 | B3 | 12B | | | |
| 63505 | | XA205 | 26 | | XA205 | 18 | | | 16B | 9 | | QXXRIQ | 05 | QDTRQA | 01 | 3 | TT3 | B1 | 14A | | | |
| 62543 | | XA205 | 27 | | | | | | | | | QDARQA | 02 | QDARQA | 00 | 1 | TT3 | B3 | 13B | REQUEST TO RECEIV | | |
| 60042 | | XA205 | 28 | | | | | | | | | +5V | 01 | | | | | | | | | |
| 61620 | | XA205 | 29 | | XA205 | 46 | | | 16B | 9 | | PSTRB0 | 02 | QENDDA | 01 | 1 | TT3 | C2 | 14B | CPU-A RECEIVER | | |
| 63591 | | XA205 | 30 | | XA205 | 22 | | | 16B | 9 | | QONL10 | 10 | QENDDA | 01 | 2 | TT3 | C2 | 15A | | | |
| 62619 | | XA205 | 31 | | XA206 | 26 | | | 16B | 9 | | QENDDA | 01 | QENDDA | 00 | 1 | TT3 | C2 | 15B | DEV STROBE, ACCEP | | |
| 60354 | | XA205 | 32 | | | | | | | | | GND | 01 | | | | | | 27A | | | |
| 62424 | | XA205 | 33 | | XA205 | 09 | | | 16B | 9 | | PONL10 | 10 | PENFCA | 01 | 1 | TT3 | C3 | 16B | | | |
| 60809 | | XA205 | 34 | | XA206 | 38 | | | 16B | 9 | | PDVAE0 | 01 | QENDDA | 01 | 3 | TT3 | C2 | 16A | | | |
| 62238 | | XA205 | 35 | | XA205 | 71 | | | 16B | 9 | | PXXDIS | 01 | PENFCA | 01 | 2 | TT3 | C3 | 17B | | | |
| 60893 | | XA205 | 36 | | XA206 | 24 | | | 16B | 9 | | PENDDA | 01 | PENDDA | 00 | 1 | TT3 | C1 | 17A | DEV STROBE, ACCEPT | | |
| 62310 | | XA205 | 37 | | XA205 | 72 | | | 16B | 9 | | PXXRIQ | 03 | PENFCA | 01 | 3 | TT3 | C3 | 18B | | | |
| 62587 | | XA205 | 38 | | XA206 | 30 | | | 16B | 9 | | QDVAE0 | 01 | PENDDA | 01 | 1 | TT3 | C1 | 18A | CPU-B RECEIVER | | |
| 60896 | | XA205 | 39 | | | | | | | | | PENFCA | 02 | PENFCA | 00 | 1 | TT3 | C3 | 19B | INTERRUPT SENDER | | |
| 62423 | | XA205 | 40 | | XA205 | 33 | | | 16B | 9 | | PONL10 | 09 | PENDDA | 01 | 2 | TT3 | C1 | 19A | | | |
| 61066 | | XA205 | 41 | | XA327 | 09 | | | 16B | 9 | | PREL90 | 01 | P11ZEA | 01 | 1 | TT3 | D2 | 22B | | | |
| 62930 | | XA205 | 42 | | XA205 | 68 | | | 16B | 9 | | QSTRB0 | 02 | PENDDA | 01 | 3 | TT3 | C1 | 20A | | A03 | |
| 62490 | | XA205 | 43 | | | | | | | | | P11ZEA | 02 | P11ZEA | 00 | 1 | TT3 | D2 | 23B | RELEASE DEV STROB | | |
| 60355 | | XA205 | 44 | | | | | | | | | GND | 01 | | | | | | 40A | | | |
| 61525 | | XA205 | 45 | | XA201 | 46 | | | 16B | 9 | | PXCP1B | 10 | QCO1CA | 01 | 1 | TT3 | D3 | 24B | | | |
| 61621 | | XA205 | 46 | | XA208 | 57 | | | 16B | 9 | | PSTRB0 | 03 | P11ZEA | 01 | 2 | TT3 | D2 | 21A | | A03 | |
| 63027 | | XA205 | 47 | | XA302 | 34 | | | 16B | 9 | | QXIROQ | 01 | QCO1CA | 01 | 2 | TT3 | D3 | 25B | | | |
| 62413 | | XA205 | 48 | | XA207 | 36 | | | 16B | 9 | | PONLNQ | 08 | P11ZEA | 01 | 3 | TT3 | D2 | 22A | | | |
| 61306 | | XA205 | 49 | | XA205 | 56 | | | 16B | 9 | | PST000 | 02 | QCO1CA | 01 | 3 | TT3 | D3 | 26B | | | |
| 60757 | | XA205 | 50 | | XA206 | 29 | | | 16B | 9 | | PCO1CA | 01 | PCO1CA | 00 | 1 | TT3 | D1 | 23A | ITR SYNC. CPU-A.S | | |
| 62537 | | XA205 | 51 | | XA206 | 47 | | | 16B | 9 | | QCO1CA | 01 | QCO1CA | 00 | 1 | TT3 | D3 | 27B | ITR SYNC. CPU-B. | | |
| 61524 | | XA205 | 52 | | XA205 | 45 | | | 16B | 9 | | PXCP1B | 09 | PCO1CA | 01 | 1 | TT3 | D1 | 24A | | | |
| 61295 | | XA205 | 53 | | | | | | | | | PSTR0 | 02 | PRT12A | 01 | 1 | TT3 | E2 | 28B | | | |
| 61733 | | XA205 | 54 | | XA329 | 05 | | | 16B | 9 | | PXIROQ | 01 | PCO1CA | 01 | 2 | TT3 | D1 | 25A | | | |
| 61132 | | XA205 | 55 | | | | | | | | | PRT12A | 02 | PRT12A | 00 | 1 | TT3 | E2 | 29B | START DEV STROBE | | |
| 61307 | | XA205 | 56 | | XA328 | 52 | | | 16B | 9 | | PST000 | 03 | PCO1CA | 01 | 3 | TT3 | D1 | 26A | | | |
| 63580 | | XA205 | 57 | | XA207 | 37 | | | 16B | 9 | | QONLNQ | 08 | QRT12A | 01 | 1 | TT3 | E3 | 30B | | | |
| 60356 | | XA205 | 58 | | | | | | | | | GND | 01 | | | | | | 40B | | | |
| 62929 | | XA205 | 59 | | | | | | | | | QXDVB | 06 | QRT12A | 01 | 2 | TT3 | E3 | 31B | | A03 | |
| 62412 | | XA205 | 60 | | XA205 | 48 | | | 16B | 9 | | PONLNQ | 07 | PRT12A | 01 | 2 | TT3 | E2 | 28A | | | |
| 62698 | | XA205 | 61 | | | | | | | | | QSTR0 | 02 | QRT12A | 01 | 3 | TT3 | E3 | 32B | | | |
| 61622 | | XA205 | 62 | | | | | | | | | PXDVB | 16 | PRT12A | 01 | 3 | TT3 | E2 | 29A | | A03 | |
| 62696 | | XA205 | 63 | | | | | | | | | QRT12A | 02 | QRT12A | 00 | 1 | TT3 | E3 | 33B | START DEV STROBE | | |
| 63615 | | XA205 | 64 | | | | | | | | | Q11ZEA | 02 | Q11ZEA | 00 | 1 | TT3 | F1 | 30A | RELEASE DEV STROB | | |
| 63579 | | XA205 | 65 | | XA205 | 57 | | | 16B | 9 | | QONLNQ | 07 | QOF1NA | 01 | 1 | TT3 | F2 | 34B | | | |
| 62685 | | XA205 | 66 | | XA309 | 01 | | | 16B | 9 | | QREL90 | 01 | Q11ZEA | 01 | 1 | TT3 | F1 | 31A | | | |
| 60357 | | XA205 | 67 | | | | | | | | | GND | 01 | | | | | | | | | |
| 62928 | | XA205 | 68 | | XA208 | 63 | | | 16B | 9 | | QSTRB0 | 04 | Q11ZEA | 01 | 2 | TT3 | F1 | 32A | | | |
| CONNECTOR XA205 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1110

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA205
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 96

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | FCO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|--------|---------|----------|--------|--------|------------------|-------|---------------------|-------------|-----|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FT | PREFIX | CONNECTOR | PIN | SH FT | MULTI GROUP | CODE | COLOR | | | | | | | | | IDEN | AND | | |
| 63542 | | XA205 | 69 | | | XA203 | 66 | | | 16B | 9 | | QXOFRS | 04 | QXOFRR | 01 | 1 | TT3 | F3 | | 35A | | |
| 63578 | | XA205 | 70 | | | XA205 | 65 | | | 16B | 9 | | QONLNO | 06 | QI1ZEA | 01 | 3 | TT3 | E1 | | 33A | | |
| 62239 | | XA205 | 71 | | | XA332 | 22 | | | 16B | 9 | | PXXDIS | 02 | QOFINA | 01 | 2 | TT3 | F2 | | 36A | | |
| 62311 | | XA205 | 72 | | | XA326 | 18 | | | 16B | 9 | | PXXRIQ | 04 | QOFINA | 01 | 3 | TT3 | F2 | | 34A | | |
| 62389 | | XA205 | 73 | | | XA206 | 62 | | | 16B | 9 | | POFINA | 01 | POFINA | 00 | 1 | TT3 | F1 | | 36B | INTERRUPT CPU-B. | |
| 63561 | | XA205 | 74 | | | XA206 | 64 | | | 16B | 9 | | QOFINA | 01 | QOFINA | 00 | 1 | TT3 | F2 | | 35B | INTERRUPT CPU-A. | |
| 62411 | | XA205 | 75 | | | XA205 | 60 | | | 16B | 9 | | PONLNO | 06 | POFINA | 01 | 1 | TT3 | F1 | | 37B | | |
| 63298 | | XA205 | 76 | | | XA305 | 08 | | | 16B | 9 | | QXXBOA | 01 | QXOFRR | 01 | 2 | TT3 | E3 | | 37A | | |
| 63434 | | XA205 | 77 | | | XA203 | 35 | | | 16B | 9 | | QXXDIS | 04 | POFINA | 01 | 2 | TT3 | F1 | | 38B | | |
| 61865 | | XA205 | 78 | | | XA305 | 07 | | | 16B | 9 | | PXRS2B | 06 | QXOFRR | 01 | 3 | TT3 | F3 | | 38A | | |
| 63503 | | XA205 | 79 | | | XA203 | 37 | | | 16B | 9 | | QXXRIQ | 03 | POFINA | 01 | 3 | TT3 | F1 | | 39B | | |
| 63538 | | XA205 | 80 | | | | | | | | | | QXOFRR | 02 | QXOFRR | 00 | 1 | TT3 | F3 | | 39A | | |
| 60871 | | XA206 | 01 | | | | | | | | | | PEC050 | 03 | PEC050 | 00 | 1 | TQ2 | A2 | | 02B | SUM, DATA REQUEST | |
| 60358 | | XA206 | 02 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01A | | |
| 62542 | | XA206 | 03 | | | XA205 | 27 | | | 16B | 9 | | QDARQA | 01 | PEC070 | 01 | 1 | TQ2 | A3 | | 02A | | |
| 60805 | | XA206 | 04 | | | XA205 | 15 | | | 16B | 9 | | PDTRQA | 01 | PEC050 | 01 | 1 | TQ2 | A2 | | 04A | | |
| 62585 | | XA206 | 05 | | | XA205 | 20 | | | 16B | 9 | | QDTRQA | 01 | PEC050 | 01 | 2 | TQ2 | A2 | | 03B | | |
| 60867 | | XA206 | 06 | | | XA207 | 10 | | | 16B | 9 | | PEC040 | 01 | PEC040 | 00 | 1 | TQ2 | A1 | | 05A | SUM, ACCEPT OR RE | |
| 60762 | | XA206 | 07 | | | XA205 | 19 | | | 16B | 9 | | PDARQA | 01 | PEC070 | 01 | 2 | TQ2 | A3 | | 03A | | |
| 61375 | | XA206 | 08 | | | | | | | | | | PTH04A | 02 | PEC040 | 01 | 1 | TQ2 | A1 | | 06A | STROBES | |
| 60872 | | XA206 | 09 | | | XA207 | 26 | | | 16B | 9 | | PEC070 | 01 | PEC070 | 00 | 1 | TQ2 | A3 | | 04B | SUM, REQUESTS TO | |
| 62713 | | XA206 | 10 | | | | | | | | | | QTH04A | 02 | PEC040 | 01 | 2 | TQ2 | A1 | | 07A | | |
| 60935 | | XA206 | 11 | | | XA319 | 47 | | | 16B | 9 | | PLSD0A | 01 | PDTOTO | 01 | 1 | TQ2 | A4 | | 05B | RECEIVER CPU. | |
| 60043 | | XA206 | 12 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 62644 | | XA206 | 13 | | | | | | | | | | QLSD0A | 02 | PDTOTO | 01 | 2 | TQ2 | A4 | | 06B | | |
| 60878 | | XA206 | 14 | | | | | | | | | | PEC110 | 03 | PEC110 | 00 | 1 | TQ2 | B2 | | 09A | SUM, SENDER INTER | |
| 60808 | | XA206 | 15 | | | | | | | | | | PDTOTO | 02 | PDTOTO | 00 | 1 | TQ2 | A4 | | 07B | SUM, LAST DATA BY | |
| 60359 | | XA206 | 16 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01B | | |
| 61914 | | XA206 | 17 | | | XA317 | 25 | | | 16B | 9 | | PXR096T | 01 | PDTERO | 01 | 1 | TQ2 | B3 | | 08B | | |
| 60895 | | XA206 | 18 | | | XA205 | 39 | | | 16B | 9 | | PENFCA | 01 | PEC110 | 01 | 1 | TQ2 | B2 | | 10A | | |
| 61918 | | XA206 | 19 | | | | | | | | | | PXR095T | 04 | PDTERO | 01 | 2 | TQ2 | B3 | | 09B | | |
| 62622 | | XA206 | 20 | | | | | | | | | | QENFCA | 02 | PEC110 | 01 | 2 | TQ2 | B2 | | 11A | | |
| 60804 | | XA206 | 21 | | | | | | | | | | PDTERO | 02 | PDTERO | 00 | 1 | TQ2 | B3 | | 10B | DATA ACCEPT OR RE | |
| 60875 | | XA206 | 22 | | | | | | | | | | PEC100 | 02 | PEC100 | 00 | 1 | TQ2 | B1 | | 12A | SUM, DEV STROBES | |
| 63105 | | XA206 | 23 | | | | | | | | | | QXR096T | 02 | QDTERO | 01 | 1 | TQ2 | B4 | | 11B | | |
| 60894 | | XA206 | 24 | | | | | | | | | | PENDDA | 02 | PEC100 | 01 | 1 | TQ2 | B1 | | 13A | OR DEV ERROR | |
| 63111 | | XA206 | 25 | | | | | | | | | | QXR095T | 04 | QDTERO | 01 | 2 | TQ2 | B4 | | 12B | | |
| 62620 | | XA206 | 26 | | | | | | | | | | QENDDA | 02 | PEC100 | 01 | 2 | TQ2 | B1 | | 14A | | |
| 62584 | | XA206 | 27 | | | | | | | | | | QDTERO | 02 | QDTERO | 00 | 1 | TQ2 | B4 | | 13B | DATA ACCEPT OR RE | |
| 60044 | | XA206 | 28 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 60758 | | XA206 | 29 | | | | | | | | | | PC01CA | 02 | PONCKO | 01 | 1 | TQ2 | C3 | | 14B | | |
| 62588 | | XA206 | 30 | | | | | | | | | | QDVAEO | 02 | QDVAEO | 00 | 1 | TQ2 | C2 | | 15A | SUM, DEV ACCEPT O | |
| 62489 | | XA206 | 31 | | | XA205 | 43 | | | 16B | 9 | | P11ZEA | 01 | PONCKO | 01 | 2 | TQ2 | C3 | | 15B | | |
| 60360 | | XA206 | 32 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 20B | | |
| 62396 | | XA206 | 33 | | | | | | | | | | PONCKO | 02 | PONCKO | 00 | 1 | TQ2 | C3 | | 16B | SUM, CONTROL CLOCK | |
| 63110 | | XA206 | 34 | | | XA206 | 25 | | | 16B | 9 | | QXR095T | 03 | QDVAEO | 01 | 1 | TQ2 | C2 | | 16A | CPU-B. | |
| 61739 | | XA206 | 35 | | | | | | | | | | PXIR1A | 04 | PXIR10 | 01 | 1 | TQ2 | C4 | | 17B | | |
| 63114 | | XA206 | 36 | | | XA310 | 23 | | | 16B | 9 | | QXR094T | 01 | QDVAEO | 01 | 2 | TQ2 | C2 | | 17A | | A01 |
| CONNECTOR XA206 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1111

DRAWING NUMBER 149015-880 CONNECTOR
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU

UNIT ASSEMBLY NO. 149015
 FILE IDENT T39C1FC5

REV C INDEX XA206
 DATE 09-03-82 PAGE 97

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|--------|---------|----------|--------|--------|------------------|-------|---------------------|-------------|-------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DR TO | PREFIX | CONNECTOR | PIN | SM FC | MULTI GROUP | CODE | COLOR | | | | | | | | | IDENT | AND | | |
| 63759 | | XA206 | 37 | | | | | | | | | | SPI0033 | 19 | PXIR10 | 01 2 | TQ2 | C4 | | 18B | | | |
| 60810 | | XA206 | 38 | | XA202 | 43 | | | 16B | 9 | | | PDVAE0 | 02 | PDVAE0 | 00 1 | TQ2 | C1 | | 18A | | | |
| 61743 | | XA206 | 39 | | | | | | | | | | PXIR10 | 02 | PXIR10 | 00 1 | TQ2 | C4 | | 19B | SUM. DEV ACCEPT | | |
| 61917 | | XA206 | 40 | | XA206 | 19 | | | 16B | 9 | | | PXR095T | 03 | PDVAE0 | 01 1 | TQ2 | C1 | | 19A | SYNCED ITR PULSE | | |
| 61864 | | XA206 | 41 | | XA205 | 78 | | | 16B | 9 | | | PXRS2B | 05 | PONCLO | 01 1 | TQ2 | D3 | | 22B | CPU-A | | |
| 61919 | | XA206 | 42 | | | | | | | | | | PXR094T | 03 | PDVAE0 | 01 2 | TQ2 | C1 | | 20A | SENDER CONTROL | | |
| 63609 | | XA206 | 43 | | XA207 | 39 | | | 16B | 9 | | | QONSTA | 02 | PONCLO | 01 2 | TQ2 | D3 | | 23B | | | |
| 60361 | | XA206 | 44 | | | | | | | | | | GND | 01 | | | TQ2 | | | 21B | | | |
| 62400 | | XA206 | 45 | | | | | | | | | | PONCLO | 02 | PONCLO | 00 1 | TQ2 | D3 | | 24B | RACE CONTROL. CLE | | |
| 63037 | | XA206 | 46 | | | | | | | | | | QXIR10 | 02 | QXIR10 | 00 1 | TQ2 | D2 | | 21A | SYNCED ITR PULSE | | |
| 62538 | | XA206 | 47 | | | | | | | | | | QCO1CA | 02 | QONCKO | 01 1 | TQ2 | D4 | | 25B | | | |
| 63030 | | XA206 | 48 | | XA301 | 30 | | | 16B | 9 | | | QXIR1A | 01 | QXIR10 | 01 1 | TQ2 | D2 | | 22A | | | |
| 63614 | | XA206 | 49 | | XA205 | 64 | | | 16B | 9 | | | QIIZEA | 01 | QONCKO | 01 2 | TQ2 | D4 | | 26B | | | |
| 63758 | | XA206 | 50 | | XA206 | 37 | | | 16B | 9 | | | SPI0033 | 18 | QXIR10 | 01 2 | TQ2 | D2 | | 23A | | | |
| 63567 | | XA206 | 51 | | XA207 | 48 | | | 16B | 9 | | | QONCKO | 01 | QONCKO | 00 1 | TQ2 | D4 | | 27B | SUM. CONTROL CLOC | | |
| 62375 | | XA206 | 52 | | XA207 | 31 | | | 16B | 9 | | | PZEO10 | 01 | PZEO10 | 00 1 | TQ2 | D1 | | 24A | ENABLE 0-1. | | |
| 62328 | | XA206 | 53 | | XA342 | 80 | | | 16B | 9 | | | PXODRA | 02 | POFRSO | 01 1 | TQ2 | E3 | | 28B | | | |
| 62443 | | XA206 | 54 | | XA207 | 30 | | | 16B | 9 | | | PONSTA | 01 | PZEO10 | 01 1 | TQ2 | D1 | | 25A | | | |
| 63521 | | XA206 | 55 | | XA203 | 30 | | | 16B | 9 | | | QXODRA | 02 | POFRSO | 01 2 | TQ2 | E3 | | 29B | | | |
| 63608 | | XA206 | 56 | | XA206 | 43 | | | 16B | 9 | | | QONSTA | 01 | PZEO10 | 01 2 | TQ2 | D1 | | 26A | | | |
| 62386 | | XA206 | 57 | | | | | | | | | | POFRSO | 02 | POFRSO | 00 1 | TQ2 | E3 | | 30B | SUM. OFR STROBES | | |
| 60362 | | XA206 | 58 | | | | | | | | | | GND | 01 | | | TQ2 | | | 27A | | | |
| 61672 | | XA206 | 59 | | | | | | | | | | PXED3A | 04 | PLSTRO | 01 1 | TQ2 | E4 | | 31B | SENDER | | |
| 60972 | | XA206 | 60 | | XA207 | 62 | | | 16B | 9 | | | PQOFNO | 01 | PQOFNO | 00 1 | TQ2 | E2 | | 28A | SUM. RECEIVER INT | | |
| 62967 | | XA206 | 61 | | XA311 | 21 | | | 16B | 9 | | | QXED3A | 01 | PLSTRO | 01 2 | TQ2 | E4 | | 32B | | | |
| 62390 | | XA206 | 62 | | | | | | | | | | POF1NA | 02 | PQOFNO | 01 1 | TQ2 | E2 | | 29A | | | |
| 60938 | | XA206 | 63 | | | | | | | | | | PLSTRO | 02 | PLSTRO | 00 1 | TQ2 | E4 | | 33B | SUM. STROBES LAST | | |
| 63562 | | XA206 | 64 | | | | | | | | | | QOF1NA | 02 | PQOFNO | 01 2 | TQ2 | E2 | | 30A | | | |
| 63040 | | XA206 | 65 | | XA306 | 35 | | | 16B | 9 | | | QXRAF6T | 01 | QSTRTO | 01 1 | TQ2 | F3 | | 34B | | | |
| 61240 | | XA206 | 66 | | | | | | | | | | PSR120 | 03 | PSR120 | 00 1 | TQ2 | F1 | | 31A | SUM. START 1. STA | | |
| 60363 | | XA206 | 67 | | | | | | | | | | GND | 01 | | | TQ2 | | | 40A | | | |
| 61131 | | XA206 | 68 | | XA205 | 55 | | | 16B | 9 | | | PRT12A | 01 | PSR120 | 01 1 | TQ2 | F1 | | 32A | | | |
| 62697 | | XA206 | 69 | | XA205 | 61 | | | 16B | 9 | | | QSTRTO | 01 | QSTRTO | 00 1 | TQ2 | F3 | | 35A | START 1 OR START | | |
| 62695 | | XA206 | 70 | | XA205 | 63 | | | 16B | 9 | | | QRT12A | 01 | PSR120 | 01 2 | TQ2 | F1 | | 33A | | | |
| 61752 | | XA206 | 71 | | XA317 | 09 | | | 16B | 9 | | | PXRAF6T | 01 | PSTRTO | 00 1 | TQ2 | F2 | | 36A | | | |
| 61294 | | XA206 | 72 | | XA205 | 53 | | | 16B | 9 | | | PSTRTO | 01 | PSTRTO | 00 1 | TQ2 | F2 | | 34A | START 1 OR START | | |
| 61757 | | XA206 | 73 | | | | | | | | | | PXRAF7T | 03 | PSTRTO | 01 2 | TQ2 | F2 | | 36B | | | |
| 63045 | | XA206 | 74 | | | | | | | | | | QXRAF7T | 03 | QSTRTO | 01 2 | TQ2 | F3 | | 35B | | | |
| 60939 | | XA206 | 75 | | XA207 | 77 | | | 16B | 9 | | | QEBCKO | 01 | QEBCKO | 00 1 | TQ2 | F1 | | 37B | SUM. RELEASE DEV | | |
| 63537 | | XA206 | 76 | | XA205 | 80 | | | 16B | 9 | | | QXOFRR | 01 | QXOFRR | 01 1 | TQ2 | F4 | | 37A | | | |
| 62491 | | XA206 | 77 | | XA208 | 59 | | | 16B | 9 | | | QSTRBA | 01 | QEBCKO | 01 1 | TQ2 | F1 | | 38B | | | |
| 63554 | | XA206 | 78 | | | | | | | | | | QXORQA | 02 | QXOFRR | 01 2 | TQ2 | F4 | | 38A | | | |
| 63616 | | XA206 | 79 | | XA208 | 62 | | | 16B | 9 | | | QXEB1A | 005 | QEBCKO | 01 2 | TQ2 | F1 | | 39B | | | |
| 63541 | | XA206 | 80 | | XA205 | 69 | | | 16B | 9 | | | QXOFRR | 03 | QXOFRR | 00 1 | TQ2 | F4 | | 39A | OFR COMMAND STORE | | |
| 62463 | | XA207 | 01 | | | | | | | | | | P0405A | 03 | P0405A | 00 1 | TQ2 | A2 | | 02B | CLOCK. STATE 4-5 | | |
| 60364 | | XA207 | 02 | | | | | | | | | | GND | 01 | | | TQ2 | | | 01A | | | |
| 61341 | | XA207 | 03 | | | | | | | | | | PST070 | 04 | P0708A | 01 1 | TQ2 | A3 | | 02A | | | |
| 61327 | | XA207 | 04 | | | | | | | | | | PST040 | 05 | P0405A | 01 1 | TQ2 | A2 | | 04A | | | |
| CONNECTOR XA207 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1112

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA207
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 98

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|--------|---------|----------|--------|--------|------------------|-------|---------------------|--------------------|--------------------|-------------------|
| | PREFIX | CONNECTOR | PIN | SH PC | PREFIX | CONNECTOR | PIN | SH PC | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 60870 | | XA207 | 05 | | | XA206 | 01 | | | 16B | 9 | | PEC050 | 02 | P0405A | 01 | 2 | TQ2 | A2 | | 03B | |
| 62455 | | XA207 | 06 | | | XA327 | 24 | | | 16B | 9 | | P0304A | 01 | P0304A | 00 | 1 | TQ2 | A1 | | 05A | CLOCK. 3-4 |
| 60807 | | XA207 | 07 | | | XA206 | 15 | | | 16B | 9 | | PDT0T0 | 01 | P0708A | 01 | 2 | TQ2 | A3 | | 03A | |
| 61321 | | XA207 | 08 | | | XA328 | 51 | | | 16B | 9 | | PST030 | 01 | P0304A | 01 | 1 | TQ2 | A1 | | 06A | |
| 62471 | | XA207 | 09 | | | | | | | | | | P0708A | 02 | P0708A | 00 | 1 | TQ2 | A3 | | 04B | CLOCK. STATE 7-8 |
| 60868 | | XA207 | 10 | | | | | | | | | | PEC040 | 02 | P0304A | 01 | 2 | TQ2 | A1 | | 07A | |
| 60869 | | XA207 | 11 | | | XA207 | 05 | | | 16B | 9 | | PEC050 | 01 | P0805A | 01 | 1 | TQ2 | A4 | | 05B | |
| 60045 | | XA207 | 12 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | |
| 61343 | | XA207 | 13 | | | XA207 | 64 | | | 16B | 9 | | PST080 | 02 | P0805A | 01 | 2 | TQ2 | A4 | | 06B | |
| 62477 | | XA207 | 14 | | | XA308 | 72 | | | 16B | 9 | | P0910A | 01 | P0910A | 00 | 1 | TQ2 | B2 | | 09A | CLOCK. STATE 9-10 |
| 62473 | | XA207 | 15 | | | | | | | | | | P0805A | 02 | P0805A | 00 | 1 | TQ2 | A4 | | 07B | CLOCK. STATE 8-5 |
| 60365 | | XA207 | 16 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01B | |
| 61354 | | XA207 | 17 | | | XA328 | 69 | | | 16B | 9 | | PST100 | 01 | P1011A | 01 | 1 | TQ2 | B3 | | 08B | |
| 61349 | | XA207 | 18 | | | | | | | | | | PST090 | 02 | P0910A | 01 | 1 | TQ2 | B2 | | 10A | |
| 60877 | | XA207 | 19 | | | XA206 | 14 | | | 16B | 9 | | PEC110 | 02 | P1011A | 01 | 2 | TQ2 | B3 | | 09B | |
| 60874 | | XA207 | 20 | | | XA206 | 22 | | | 16B | 9 | | PEC100 | 01 | P0910A | 01 | 2 | TQ2 | B2 | | 11A | |
| 62487 | | XA207 | 21 | | | XA308 | 73 | | | 16B | 9 | | PI011A | 01 | P1011A | 00 | 1 | TQ2 | B3 | | 10B | CLOCK. STATE 10-1 |
| 62468 | | XA207 | 22 | | | XA331 | 78 | | | 16B | 9 | | P0607A | 01 | P0607A | 00 | 1 | TQ2 | B1 | | 12A | CLOCK. STATE 6-7 |
| 60876 | | XA207 | 23 | | | XA207 | 19 | | | 16B | 9 | | PEC110 | 01 | P0411A | 01 | 1 | TQ2 | B4 | | 11B | |
| 61337 | | XA207 | 24 | | | | | | | | | | PST060 | 04 | P0607A | 01 | 1 | TQ2 | B1 | | 13A | |
| 61326 | | XA207 | 25 | | | XA207 | 04 | | | 16B | 9 | | PST040 | 04 | P0411A | 01 | 2 | TQ2 | B4 | | 12B | |
| 60873 | | XA207 | 26 | | | | | | | | | | PEC070 | 02 | P0607A | 01 | 2 | TQ2 | B1 | | 14A | |
| 62465 | | XA207 | 27 | | | | | | | | | | P0411A | 02 | P0411A | 00 | 1 | TQ2 | B4 | | 13B | CLOCK. STATE 4-11 |
| 60046 | | XA207 | 28 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | |
| 61305 | | XA207 | 29 | | | XA205 | 49 | | | 16B | 9 | | PST000 | 01 | P0001A | 01 | 1 | TQ2 | C3 | | 14B | |
| 62444 | | XA207 | 30 | | | | | | | | | | PONSTA | 02 | PONSTA | 00 | 1 | TQ2 | C2 | | 15A | CPU-A SYNC PULSE |
| 62376 | | XA207 | 31 | | | | | | | | | | PZE010 | 02 | P0001A | 01 | 2 | TQ2 | C3 | | 15B | |
| 60366 | | XA207 | 32 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 20B | |
| 62446 | | XA207 | 33 | | | | | | | | | | P0001A | 02 | P0001A | 00 | 1 | TQ2 | C3 | | 16B | CLOCK. STATE 0-1 |
| 61742 | | XA207 | 34 | | | XA206 | 39 | | | 16B | 9 | | PXIR10 | 01 | PONSTA | 01 | 1 | TQ2 | C2 | | 16A | |
| 63036 | | XA207 | 35 | | | XA206 | 46 | | | 16B | 9 | | QXIR10 | 01 | QONSTA | 01 | 1 | TQ2 | C4 | | 17B | |
| 62414 | | XA207 | 36 | | | | | | | | | | PONLNQ | 09 | PONSTA | 01 | 2 | TQ2 | C2 | | 17A | |
| 63581 | | XA207 | 37 | | | | | | | | | | QONLNQ | 09 | QONSTA | 01 | 2 | TQ2 | C4 | | 18B | |
| 62393 | | XA207 | 38 | | | XA320 | 01 | | | 16B | 9 | | PONCKA | 01 | PONCKA | 00 | 1 | TQ2 | C1 | | 18A | |
| 63610 | | XA207 | 39 | | | | | | | | | | QONSTA | 03 | QONSTA | 00 | 1 | TQ2 | C4 | | 19B | CPU-B SYNC PULSE |
| 62395 | | XA207 | 40 | | | XA206 | 33 | | | 16B | 9 | | PONCK0 | 01 | PONCKA | 01 | 1 | TQ2 | C1 | | 19A | |
| 61238 | | XA207 | 41 | | | XA207 | 47 | | | 16B | 9 | | PSR120 | 01 | P0102A | 01 | 1 | TQ2 | D3 | | 22B | |
| 63750 | | XA207 | 42 | | | XA208 | 42 | | | 16B | 9 | | SPI0033 | 10 | PONCKA | 01 | 2 | TQ2 | C1 | | 20A | |
| 61309 | | XA207 | 43 | | | XA207 | 53 | | | 16B | 9 | | PST010 | 01 | P0102A | 01 | 2 | TQ2 | D3 | | 23B | |
| 60367 | | XA207 | 44 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 21B | |
| 62450 | | XA207 | 45 | | | | | | | | | | P0102A | 04 | P0102A | 00 | 1 | TQ2 | D3 | | 24B | CLOCK. STATE 1-2 |
| 63565 | | XA207 | 46 | | | XA321 | 01 | | | 16B | 9 | | QONCKA | 01 | QONCKA | 00 | 1 | TQ2 | D2 | | 21A | |
| 61239 | | XA207 | 47 | | | XA206 | 66 | | | 16B | 9 | | PSR120 | 02 | P1102A | 01 | 1 | TQ2 | D4 | | 25B | |
| 63568 | | XA207 | 48 | | | | | | | | | | QONCK0 | 02 | QONCKA | 01 | 1 | TQ2 | D2 | | 22A | |
| 61261 | | XA207 | 49 | | | XA315 | 36 | | | 16B | 9 | | PSTCT5U | 01 | P1102A | 01 | 2 | TQ2 | D4 | | 26B | |
| 63757 | | XA207 | 50 | | | XA206 | 50 | | | 16B | 9 | | SPI0033 | 17 | QONCKA | 01 | 2 | TQ2 | D2 | | 23A | |
| 62495 | | XA207 | 51 | | | XA308 | 78 | | | 16B | 9 | | P1102A | 01 | P1102A | 00 | 1 | TQ2 | D4 | | 27B | CLOCK. STATE 11-2 |
| 62398 | | XA207 | 52 | | | | | | | | | | PONCLA | 02 | PONCLA | 00 | 1 | TQ2 | D1 | | 24A | |
| 61310 | | XA207 | 53 | | | XA319 | 07 | | | 16B | 9 | | PST010 | 02 | P0111A | 01 | 1 | TQ2 | E3 | | 28B | |
| 62399 | | XA207 | 54 | | | XA206 | 45 | | | 16B | 9 | | PONCLO | 01 | PONCLA | 01 | 1 | TQ2 | D1 | | 25A | |
| CONNECTOR (XA207) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1113

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA207
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 99

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|----------------------------|-------|--------|-----------|------|-------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|-------------|----------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH PC | PREFIX | CONNECTOR | PIN | SH PC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 62385 | | XA207 | 55 | | XA206 | 57 | | | | 16B | 9 | | P0FRS0 | 01 | PO111A | 01 | 2 | TQ2 | E3 | | 29B | | |
| 63756 | | XA207 | 56 | | XA207 | 50 | | | | 16B | 9 | | SPI0033 | 16 | PONCLA | 01 | 2 | TQ2 | D1 | | 26A | | |
| 62452 | | XA207 | 57 | | | | | | | | | | PO111A | 02 | PO111A | 00 | 1 | TQ2 | E3 | | 30B | CLOCK, STATE 11-1 | |
| 60368 | | XA207 | 58 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 27A | | |
| 60937 | | XA207 | 59 | | XA206 | 63 | | | | 16B | 9 | | PLSTRO | 01 | P0506A | 01 | 1 | TQ2 | E4 | | 31B | | |
| 62474 | | XA207 | 60 | | XA308 | 71 | | | | 16B | 9 | | P0809A | 01 | P0809A | 00 | 1 | TQ2 | E2 | | 28A | CLOCK, STATE 8-9 | |
| 61333 | | XA207 | 61 | | | | | | | | | | PST050 | 04 | P0506A | 01 | 2 | TQ2 | E4 | | 32B | | |
| 60973 | | XA207 | 62 | | XA207 | 70 | | | | 16B | 9 | | PQ0FNO | 02 | P0809A | 01 | 1 | TQ2 | E2 | | 29A | | |
| 62467 | | XA207 | 63 | | | | | | | | | | P0506A | 02 | P0506A | 00 | 1 | TQ2 | E4 | | 33B | CLOCK, STATE 5-6 | |
| 61344 | | XA207 | 64 | | XA305 | 38 | | | | 16B | 9 | | PST080 | 03 | P0809A | 01 | 2 | TQ2 | E2 | | 30A | | |
| 63439 | | XA207 | 65 | | | | | | | | | | QXXDRA | 02 | QXXDRA | 01 | 1 | TQ2 | F3 | | 34B | | |
| 62454 | | XA207 | 66 | | | | | | | | | | P0203A | 02 | P0203A | 00 | 1 | TQ2 | F1 | | 31A | CLOCK, STATE 2-3 | |
| 60369 | | XA207 | 67 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 40A | | |
| 61320 | | XA207 | 68 | | | | | | | | | | PST020 | 04 | P0203A | 01 | 1 | TQ2 | F1 | | 32A | | |
| 63436 | | XA207 | 69 | | XA309 | 07 | | | | 16B | 9 | | QXXDRA | 01 | QXXDRA | 00 | 1 | TQ2 | F3 | | 35A | | |
| 60974 | | XA207 | 70 | | | | | | | | | | PQ0FNO | 03 | P0203A | 01 | 2 | TQ2 | F1 | | 33A | | |
| 63428 | | XA207 | 71 | | XA333 | 71 | | | | 16B | 9 | | QXXDIR | 04 | Q1PND0 | 01 | 1 | TQ2 | F2 | | 36A | | |
| 63613 | | XA207 | 72 | | | | | | | | | | Q1PND0 | 03 | Q1PND0 | 00 | 1 | TQ2 | F2 | | 34A | INTERRUPT PENDING | |
| 63422 | | XA207 | 73 | | | | | | | | | | QXXDIP | 07 | Q1PND0 | 01 | 2 | TQ2 | F2 | | 36B | | |
| 63769 | | XA207 | 74 | | XA208 | 74 | | | | 16B | 9 | | SPI0033 | 29 | QXXDRA | 01 | 2 | TQ2 | F3 | | 35B | | |
| 62494 | | XA207 | 75 | | XA315 | 69 | | | | 16B | 9 | | QEBCKA | 01 | QEBCKA | 00 | 1 | TQ2 | F1 | | 37B | CLOCK, STATE 11-0 | |
| 63513 | | XA207 | 76 | | XA311 | 45 | | | | 16B | 9 | | QXX05A | 01 | QXX050 | 01 | 1 | TQ2 | F4 | | 37A | | |
| 60940 | | XA207 | 77 | | | | | | | | | | QEBCK0 | 02 | QEBCKA | 01 | 1 | TQ2 | F1 | | 38B | | |
| 63768 | | XA207 | 78 | | XA207 | 74 | | | | 16B | 9 | | SPI0033 | 28 | QXX050 | 01 | 2 | TQ2 | F4 | | 38A | | |
| 61262 | | XA207 | 79 | | | | | | | | | | SPI0092 | 12 | QEBCKA | 01 | 2 | TQ2 | F1 | | 39B | | |
| 63517 | | XA207 | 80 | | | | | | | | | | QXX050 | 03 | QXX050 | 00 | 1 | TQ2 | F4 | | 39A | I/O BYTE COUNT=0. | |
| 60883 | | XA208 | 01 | | XA332 | 79 | | | | 16B | 9 | | PPER1A | 01 | PPER1A | 00 | 1 | TQ2 | A2 | | 02B | ENABLE XFER TO STA05 | |
| 60370 | | XA208 | 02 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01A | | |
| 61342 | | XA208 | 03 | | XA207 | 13 | | | | 16B | 9 | | PST080 | 01 | PEL05A | 01 | 1 | TQ2 | A3 | | 02A | | |
| 61361 | | XA208 | 04 | | XA209 | 39 | | | | 16B | 9 | | PPER10 | 01 | PPER1A | 01 | 1 | TQ2 | A2 | | 04A | | A05 |
| 60898 | | XA208 | 05 | | XA208 | 19 | | | | 16B | 9 | | SPI0092 | 08 | PPER1A | 01 | 2 | TQ2 | A2 | | 03B | | A05 |
| 60903 | | XA208 | 06 | | | | | | | | | | PEN11A | 02 | PEN11A | 00 | 1 | TQ2 | A1 | | 05A | | |
| 60900 | | XA208 | 07 | | XA209 | 01 | | | | 16B | 9 | | PEN050 | 01 | PEL05A | 01 | 2 | TQ2 | A3 | | 03A | | |
| 60904 | | XA208 | 08 | | XA323 | 09 | | | | 16B | 9 | | PEN110 | 01 | PEN11A | 01 | 1 | TQ2 | A1 | | 06A | | |
| 60892 | | XA208 | 09 | | | | | | | | | | PEL05A | 04 | PEL05A | 00 | 1 | TQ2 | A3 | | 04B | ENABLE XFER TO ST | |
| 63742 | | XA208 | 10 | | XA209 | 19 | | | | 16B | 9 | | SPI0033 | 02 | PEN11A | 01 | 2 | TQ2 | A1 | | 07A | | |
| 62380 | | XA208 | 11 | | | | | | | | | | POENB0 | 02 | POENBA | 01 | 1 | TQ2 | A4 | | 05B | | |
| 60047 | | XA208 | 12 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 63741 | | XA208 | 13 | | XA208 | 10 | | | | 16B | 9 | | SPI0033 | 01 | POENBA | 01 | 2 | TQ2 | A4 | | 06B | | |
| 61328 | | XA208 | 14 | | XA209 | 04 | | | | 16B | 9 | | PST05A | 01 | PST05A | 00 | 1 | TQ2 | B2 | | 09A | NO INTERRUPT CPU | |
| 62378 | | XA208 | 15 | | | | | | | | | | POENBA | 02 | POENBA | 00 | 1 | TQ2 | A4 | | 07B | | |
| 60371 | | XA208 | 16 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01B | | |
| 63595 | | XA208 | 17 | | XA209 | 08 | | | | 16B | 9 | | SPI0222 | 06 | | 01 | 1 | TQ2 | B3 | | 08B | | A05 |
| 62429 | | XA208 | 18 | | XA208 | 29 | | | | 16B | 9 | | PONL20 | 02 | PST05A | 01 | 1 | TQ2 | B2 | | 10A | | |
| 62699 | | XA208 | 19 | | XA208 | 26 | | | | 16B | 9 | | SPI0092 | 09 | | 01 | 2 | TQ2 | B3 | | 09B | | |
| 62235 | | XA208 | 20 | | XA207 | 71 | | | | 16B | 9 | | QXXDIR | 03 | PST05A | 01 | 2 | TQ2 | B2 | | 11A | | A05 |
| 62708 | | XA208 | 21 | | | | | | | | | | SPO | 01 | | 00 | 1 | TQ2 | B3 | | 10B | START 1 OR 2 DECC | |
| 61315 | | XA208 | 22 | | | | | | | | | | SPO | 01 | | 00 | 1 | TQ2 | B1 | | 12A | START 1 OR 2 DECC | |
| CONNECTOR | | XA208 | CONTINUED ON THE NEXT PAGE | | | | **** | | | | | | | | | | | | | | | | |

H78-14 1114

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA208
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 100

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|-------------------|
| | PREFIX | CONNECTOR | PIN | SH FTG | PREFIX | CONNECTOR | PIN | SH FTG | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 63596 | | XA208 | 23 | | XA208 | 37 | | | | 16B | 9 | | QONL20 | 02 | QST05A | 01 | 1 | TQ2 | B4 | | 11B | | |
| 62430 | | XA208 | 24 | | XA208 | 17 | | | | 16B | 9 | | SPI0222 | 05 | | 01 | 1 | TQ2 | B1 | | 13A | | |
| 63427 | | XA208 | 25 | | XA205 | 23 | | | | 16B | 9 | | PXXDIR | 04 | QST05A | 01 | 2 | TQ2 | B4 | | 12B | | A05 |
| 61296 | | XA208 | 26 | | XA208 | 49 | | | | 16B | 9 | | SPI0092 | 10 | | 01 | 2 | TQ2 | B1 | | 14A | | A01 |
| 62711 | | XA208 | 27 | | | | | | | | | | QST05A | 02 | QST05A | 00 | 1 | TQ2 | B4 | | 13B | | NO INTERRUPT.CPU- |
| 60048 | | XA208 | 28 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 62431 | | XA208 | 29 | | XA319 | 06 | | | | 16B | 9 | | PONL20 | 04 | POFRNA | 01 | 1 | TQ2 | C3 | | 14B | | |
| 61237 | | XA208 | 30 | | | | | | | | | | PSCSMO | 02 | PSCSMO | 00 | 1 | TQ2 | C2 | | 15A | | SUM.STATE COUNTER |
| 61371 | | XA208 | 31 | | XA208 | 35 | | | | 16B | 9 | | PS1110 | 01 | POFRNA | 01 | 2 | TQ2 | C3 | | 15B | | |
| 60372 | | XA208 | 32 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 20B | | |
| 62381 | | XA208 | 33 | | XA209 | 34 | | | | 16B | 9 | | POFRNA | 01 | POFRNA | 00 | 1 | TQ2 | C3 | | 16B | | ENABLE OFR FROM C |
| 62481 | | XA208 | 34 | | | | | | | | | | P1CSMA | 02 | PSCSMO | 01 | 1 | TQ2 | C2 | | 16A | | |
| 61372 | | XA208 | 35 | | XA209 | 38 | | | | 16B | 9 | | PS1110 | 02 | QOFRNA | 01 | 1 | TQ2 | C4 | | 17B | | |
| 62519 | | XA208 | 36 | | | | | | | | | | P2CSMA | 02 | PSCSMO | 01 | 2 | TQ2 | C2 | | 17A | | |
| 63597 | | XA208 | 37 | | XA208 | 79 | | | | 16B | 9 | | QONL20 | 03 | QOFRNA | 01 | 2 | TQ2 | C4 | | 18B | | |
| 62528 | | XA208 | 38 | | XA315 | 45 | | | | 16B | 9 | | P3ENBA | 01 | P3ENBA | 00 | 1 | TQ2 | C1 | | 18A | | |
| 63556 | | XA208 | 39 | | | | | | | | | | QOFRNA | 02 | QOFRNA | 00 | 1 | TQ2 | C4 | | 19B | | ENABLE OFR FROM C |
| 62531 | | XA208 | 40 | | | | | | | | | | P3ENBA | 02 | P3ENBA | 01 | 1 | TQ2 | C1 | | 19A | | |
| 60841 | | XA208 | 41 | | | | | | | | | | QXXDDQ | 02 | QXXDSA | 01 | 1 | TQ2 | D3 | | 22B | | A05 |
| 63752 | | XA208 | 42 | | XA208 | 56 | | | | 16B | 9 | | SPI0033 | 12 | P3ENBA | 01 | 2 | TQ2 | C1 | | 20A | | A05 |
| 63751 | | XA208 | 43 | | XA305 | 50 | | | | 16B | 9 | | QXXCS0 | 01 | QXXDSA | 01 | 2 | TQ2 | D3 | | 23B | | A05 |
| 60373 | | XA208 | 44 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 21B | | |
| 60844 | | XA208 | 45 | | XA209 | 48 | | | | 16B | 9 | | QXXDSA | 01 | QXXDSA | 00 | 1 | TQ2 | D3 | | 24B | | A05 |
| 60910 | | XA208 | 46 | | XA209 | 43 | | | | 16B | 9 | | PXXDSA | 01 | PXXDSA | 00 | 1 | TQ2 | D2 | | 21A | | A05 |
| 60899 | | XA208 | 47 | | XA208 | 24 | | | | 16B | 9 | | SPI0222 | 03 | | 01 | 1 | TQ2 | D4 | | 25B | | A05 |
| 60908 | | XA208 | 48 | | | | | | | | | | PXXDDQ | 02 | PXXDSA | 01 | 1 | TQ2 | D2 | | 22A | | A05 |
| 61311 | | XA208 | 49 | | XA207 | 79 | | | | 16B | 9 | | SPI0092 | 11 | | 01 | 2 | TQ2 | D4 | | 26B | | |
| 63753 | | XA208 | 50 | | | | | | | | | | PXXCS0 | 03 | PXXDSA | 01 | 2 | TQ2 | D2 | | 23A | | A05 |
| 60948 | | XA208 | 51 | | | | | | | | | | SPO | 01 | | 00 | 1 | TQ2 | D4 | | 27B | | START 1 OR 2. STA |
| 61658 | | XA208 | 52 | | XA326 | 72 | | | | 16B | 9 | | PXEB10 | 01 | PXEB10 | 00 | 1 | TQ2 | D1 | | 24A | | SYNCED EOB PULSE. |
| 62623 | | XA208 | 53 | | XA324 | 11 | | | | 16B | 9 | | PSTRBA | 01 | PSTRB0 | 01 | 1 | TQ2 | E3 | | 28B | | |
| 61655 | | XA208 | 54 | | | | | | | | | | PXEB1A | 04 | PXEB10 | 01 | 1 | TQ2 | D1 | | 25A | | |
| 63755 | | XA208 | 55 | | XA207 | 56 | | | | 16B | 9 | | SPI0033 | 15 | PSTRB0 | 01 | 2 | TQ2 | E3 | | 29B | | |
| 63754 | | XA208 | 56 | | XA208 | 55 | | | | 16B | 9 | | SPI0033 | 14 | PXEB10 | 01 | 2 | TQ2 | D1 | | 26A | | |
| 62626 | | XA208 | 57 | | XA311 | 60 | | | | 16B | 9 | | PSTRB0 | 05 | PSTRB0 | 00 | 1 | TQ2 | E3 | | 30B | | |
| 60374 | | XA208 | 58 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 27A | | |
| 62601 | | XA208 | 59 | | XA324 | 23 | | | | 16B | 9 | | QSTRBA | 02 | QSTRB0 | 01 | 1 | TQ2 | E4 | | 31B | | |
| 62957 | | XA208 | 60 | | | | | | | | | | QXEB10 | 02 | QXEB10 | 00 | 1 | TQ2 | E2 | | 28A | | SYNCED EOB PULSE. |
| 63773 | | XA208 | 61 | | XA344 | 51 | | | | 16B | 9 | | SPI0033 | 33 | QSTRB0 | 01 | 2 | TQ2 | E4 | | 32B | | |
| 62951 | | XA208 | 62 | | XA303 | 14 | | | | 16B | 9 | | QXEB1A | 01 | QXEB10 | 01 | 1 | TQ2 | E2 | | 29A | | |
| 62604 | | XA208 | 63 | | XA340 | 46 | | | | 16B | 9 | | QSTRB0 | 05 | QSTRB0 | 00 | 1 | TQ2 | E4 | | 33B | | |
| 63772 | | XA208 | 64 | | XA208 | 61 | | | | 16B | 9 | | SPI0033 | 32 | QXEB10 | 01 | 2 | TQ2 | E2 | | 30A | | |
| 63117 | | XA208 | 65 | | XA315 | 31 | | | | 16B | 9 | | QXR098T | 01 | QXOFRO | 01 | 1 | TQ2 | F3 | | 34B | | |
| 60923 | | XA208 | 66 | | XA209 | 68 | | | | 16B | 9 | | PLST00 | 01 | PLST00 | 00 | 1 | TQ2 | F1 | | 31A | | A03 |
| 60375 | | XA208 | 67 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 40A | | |
| 60924 | | XA208 | 68 | | XA206 | 31 | | | | 16B | 9 | | PL1ZEA | 00 | PLST00 | 01 | 1 | TQ2 | E1 | | 32A | | A03 |
| 63549 | | XA208 | 69 | | | | | | | | | | QXOFRO | 02 | QXOFRO | 00 | 1 | TQ2 | F3 | | 35A | | |
| 63771 | | XA208 | 70 | | XA206 | 49 | | | | 16B | 9 | | Q11ZEA | 00 | PLST00 | 01 | 2 | TQ2 | E1 | | 33A | | A03 |
| 62442 | | XA208 | 71 | | | | | | | | | | PONL30 | 02 | PEBSRO | 01 | 1 | TQ2 | F2 | | 36A | | |
| 60865 | | XA208 | 72 | | XA209 | 76 | | | | 16B | 9 | | PEBSRO | 01 | PEBSRO | 00 | 1 | TQ2 | F2 | | 34A | | STATE 2 OR CPU-A |
| CONNECTOR (XA208) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1115

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA208
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 101

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|--|--------|-----------|-----|------|--------|-----------|-----|------|-------------|------|-------|---------|---------|--------|----------|------|--------|------------------|-------|---------------------|-------------|-------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DRFG | PREFIX | CONNECTOR | PIN | DRFG | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | AND | OR | | |
| 61270 | | XA208 | 73 | | | | | | | 168 | 9 | | PSTDE2T | 01 | PEBSRO | 01 | 2 | TQ2 | F2 | | 36B | | | |
| 63770 | | XA208 | 74 | | | | | | | 168 | 9 | SPI0033 | 30 | QXOFRO | 01 | 2 | TQ2 | F3 | | | 35B | | A03 | |
| 62618 | | XA208 | 75 | | | | | | | | | QEBRSO | 02 | QEBRSO | 00 | 1 | TQ2 | F1 | | | 37B | STATE 2 OR CPU-B | | |
| 63540 | | XA208 | 76 | | | | | | | 168 | 9 | QXOFRS | 02 | QXODRA | 01 | 1 | TQ2 | F4 | | | 37A | | | |
| 61271 | | XA208 | 77 | | | | | | | 168 | 9 | PSTDE2T | 02 | QEBRSO | 01 | 1 | TQ2 | F1 | | | 38B | | | |
| 63323 | | XA208 | 78 | | | | | | | 168 | 9 | QXXB10 | 02 | QXODRA | 01 | 2 | TQ2 | F4 | | | 38A | | | |
| 63599 | | XA208 | 79 | | | | | | | 168 | 9 | QONL20 | 05 | QEBRSO | 01 | 2 | TQ2 | F1 | | | 39B | | | |
| 63520 | | XA208 | 80 | | | | | | | 168 | 9 | QXODRA | 01 | QXODRA | 00 | 1 | TQ2 | F4 | | | 39A | DEF RESET STROBE | | |
| 60901 | | XA209 | 01 | | | | | | | | | PEN050 | 02 | PEN050 | 00 | 1 | TQ2 | A2 | | | 02B | SUM,NO INTERRUPT | | |
| 60376 | | XA209 | 02 | | | | | | | | | GND | 01 | | | | TQ2 | | | | 01A | | | |
| 60884 | | XA209 | 03 | | | | | | | | | PST11A | 09 | POENB0 | 01 | 1 | TQ2 | A3 | | | 02A | 2 | | |
| 61329 | | XA209 | 04 | | | | | | | | | PST05A | 02 | PEN050 | 01 | 1 | TQ2 | A2 | | | 04A | | | |
| 62710 | | XA209 | 05 | | | | | | | 168 | 9 | QST05A | 01 | PEN050 | 01 | 2 | TQ2 | A2 | | | 03B | | | |
| 60897 | | XA209 | 06 | | | | | | | | | SPO | 01 | | 00 | 1 | TQ2 | A1 | | | 05A | SUM, START 1 OR 2 | | |
| 61293 | | XA209 | 07 | | | | | | | | | PSTDE9T | 05 | POENB0 | 01 | 2 | TQ2 | A3 | | | 03A | | | |
| 61316 | | XA209 | 08 | | | | | | | 168 | 9 | SPI0222 | 08 | | 01 | 1 | TQ2 | A1 | | | 06A | | | |
| 62379 | | XA209 | 09 | | | | | | | 168 | 9 | POENB0 | 01 | POENB0 | 00 | 1 | TQ2 | A3 | | | 04B | SUM, STATE 9 OR X | | |
| 62709 | | XA209 | 10 | | | | | | | 168 | 9 | SPI0102 | 04 | | 01 | 2 | TQ2 | A1 | | | 07A | | A05 | |
| 60885 | | XA209 | 11 | | | | | | | 168 | 9 | PST11A | 08 | P3ENB0 | 01 | 1 | TQ2 | A4 | | | 05B | DR 5 | | |
| 60049 | | XA209 | 12 | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | | | |
| 60891 | | XA209 | 13 | | | | | | | 168 | 9 | PELO5A | 03 | P3ENB0 | 01 | 2 | TQ2 | A4 | | | 06B | | | |
| 62480 | | XA209 | 14 | | | | | | | 168 | 9 | P1CSMA | 01 | P1CSMA | 00 | 1 | TQ2 | B2 | | | 09A | | | |
| 62530 | | XA209 | 15 | | | | | | | 168 | 9 | P3ENB0 | 01 | P3ENB0 | 00 | 1 | TQ2 | A4 | | | 07B | SUM, ENABLE XFER | | |
| 60377 | | XA209 | 16 | | | | | | | | | GND | 01 | | | | TQ2 | | | | 01B | | | |
| 62521 | | XA209 | 17 | | | | | | | | | P2CSMO | 02 | P2CSMA | 01 | 1 | TQ2 | B3 | | | 08B | | | |
| 62483 | | XA209 | 18 | | | | | | | | | P1CSMO | 02 | P1CSMA | 01 | 1 | TQ2 | B2 | | | 10A | | | |
| 63743 | | XA209 | 19 | | | | | | | 168 | 9 | SPI0033 | 03 | P2CSMA | 01 | 2 | TQ2 | B3 | | | 09B | | | |
| 63744 | | XA209 | 20 | | | | | | | 168 | 9 | SPI0033 | 04 | P1CSMA | 01 | 2 | TQ2 | B2 | | | 11A | | | |
| 62518 | | XA209 | 21 | | | | | | | 168 | 9 | P2CSMA | 01 | P2CSMA | 00 | 1 | TQ2 | B3 | | | 10B | | | |
| 60880 | | XA209 | 22 | | | | | | | | | PEENBA | 02 | PEENBA | 00 | 1 | TQ2 | B1 | | | 12A | | | |
| 61236 | | XA209 | 23 | | | | | | | 168 | 9 | PSCSMO | 01 | PSCSMA | 01 | 1 | TQ2 | B4 | | | 11B | | | |
| 60882 | | XA209 | 24 | | | | | | | | | PEENB0 | 02 | PEENBA | 01 | 1 | TQ2 | B1 | | | 13A | | | |
| 63746 | | XA209 | 25 | | | | | | | 168 | 9 | SPI0033 | 06 | PSCSMA | 01 | 2 | TQ2 | B4 | | | 12B | | | |
| 63745 | | XA209 | 26 | | | | | | | 168 | 9 | SPI0033 | 05 | PEENBA | 01 | 2 | TQ2 | B1 | | | 14A | | | |
| 61234 | | XA209 | 27 | | | | | | | 168 | 9 | PSCSMA | 01 | PSCSMA | 00 | 1 | TQ2 | B4 | | | 13B | | | |
| 60050 | | XA209 | 28 | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | | | |
| 63555 | | XA209 | 29 | | | | | | | 168 | 9 | QOFRNA | 01 | QOFRNO | 01 | 1 | TQ2 | C3 | | | 14B | | | |
| 62384 | | XA209 | 30 | | | | | | | | | QOFRNO | 02 | QOFRNO | 00 | 1 | TQ2 | C2 | | | 15A | | | |
| 63747 | | XA209 | 31 | | | | | | | 168 | 9 | SPI0033 | 07 | QOFRNO | 01 | 2 | TQ2 | C3 | | | 15B | | | |
| 60378 | | XA209 | 32 | | | | | | | | | GND | 01 | | | | TQ2 | | | | 20B | | | |
| 63558 | | XA209 | 33 | | | | | | | | | QOFRNO | 02 | QOFRNO | 00 | 1 | TQ2 | C3 | | | 16B | | | |
| 62382 | | XA209 | 34 | | | | | | | | | QOFRNA | 02 | QOFRNO | 01 | 1 | TQ2 | C2 | | | 16A | | | |
| 63749 | | XA209 | 35 | | | | | | | | | PNLCMA | 02 | PPER10 | 01 | 1 | TQ2 | C4 | | | 17B | | A05 | |
| 63748 | | XA209 | 36 | | | | | | | 168 | 9 | SPI0033 | 08 | QOFRNO | 01 | 2 | TQ2 | C2 | | | 17A | | A05 | |
| 63740 | | XA209 | 37 | | | | | | | | | QNLCSMA | 02 | PPER10 | 01 | 2 | TQ2 | C4 | | | 18B | | A05 | |
| 61373 | | XA209 | 38 | | | | | | | 168 | 9 | PS1110 | 03 | PS1110 | 00 | 1 | TQ2 | C1 | | | 18A | STATE 1 OR 11 | | |
| 64729 | | XA209 | 39 | | | | | | | | | PPER10 | 02 | PPER10 | 00 | 1 | TQ2 | C4 | | | 19B | | A05 | |
| 61267 | | XA209 | 40 | | | | | | | 168 | 9 | PSTDE1T | 01 | PS1110 | 01 | 1 | TQ2 | C1 | | | 19A | | | |
| CONNECTOR (XA209) CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1116

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA209
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 102

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SFC INST | SIGNAL | SEQ NO | EQUATION | TERM | L FACTOR | CAT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-----|--------|-----------|-----|-----|-------------|------|-------|----------|---------|--------|----------|------|----------|------------------|-------|---------------------|--------------------|---------------------|--------|
| | PREFIX | CONNECTOR | PIN | SHT | PREFIX | CONNECTOR | PIN | SHT | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 60947 | | XA209 | 41 | | | XA209 | 47 | | | 16B | 9 | | SPI0222 | 09 | PXXDSO | 01 | 1 | TQ2 | D3 | | 22B | | |
| 61360 | | XA209 | 42 | | | XA209 | 11 | | | 16B | 9 | | PST11A | 07 | PS1110 | 01 | 2 | TQ2 | C1 | | 20A | | A05 |
| 60886 | | XA209 | 43 | | | | | | | | | | PXXDSA | 02 | PXXDSO | 01 | 2 | TQ2 | D3 | | 23B | | A05 |
| 60379 | | XA209 | 44 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 21B | | |
| 60925 | | XA209 | 45 | | | XA319 | 52 | | | 16B | 9 | | PXXDSO | 01 | PXXDSO | 00 | 1 | TQ2 | D3 | | 24B | SUM. START 1 OR 2 | A05 |
| 60842 | | XA209 | 46 | | | XA319 | 46 | | | 16B | 9 | | QXXDSO | 01 | QXXDSO | 00 | 1 | TQ2 | D2 | | 21A | EOB. COUNTER = 0 | A05 |
| 62956 | | XA209 | 47 | | | XA209 | 54 | | | 16B | 9 | | SPI0222 | 10 | | 01 | 1 | TQ2 | D4 | | 25B | SENDER | A05 |
| 60861 | | XA209 | 48 | | | | | | | 16B | 9 | | QXXDSA | 02 | QXXDSO | 01 | 1 | TQ2 | D2 | | 22A | | A05 |
| 63598 | | XA209 | 49 | | | XA209 | 50 | | | 16B | 9 | | SPI0102 | 06 | | 01 | 2 | TQ2 | D4 | | 26B | | |
| 60909 | | XA209 | 50 | | | XA209 | 56 | | | 16B | 9 | | SPI0102 | 07 | QXXDSO | 01 | 2 | TQ2 | D2 | | 23A | | A05 |
| 62624 | | XA209 | 51 | | | | | | | | | | SPO | 01 | | 00 | 1 | TQ2 | D4 | | 27B | SYNCED EOB PULSE | |
| 60907 | | XA209 | 52 | | | | | | | | | | SPO | 01 | | 00 | 1 | TQ2 | D1 | | 24A | SYNCED EOB PULSE | |
| 60840 | | XA209 | 53 | | | | | | | | | | PEBCK0 | 02 | PEBCKA | 01 | 1 | TQ2 | E3 | | 28B | | |
| 61659 | | XA209 | 54 | | | XA244 | 71 | | | 16B | 9 | | SPI0222 | 12 | | 01 | 1 | TQ2 | D1 | | 25A | SENDER | A03 |
| 63811 | | XA209 | 55 | | | | | | | | | | SPI0043 | 37 | PEBCKA | 01 | 2 | TQ2 | E3 | | 29B | | |
| 62432 | | XA209 | 56 | | | | | | | | | | SPI0102 | 08 | | 01 | 2 | TQ2 | D1 | | 26A | | A03 |
| 60836 | | XA209 | 57 | | | XA315 | 51 | | | 16B | 9 | | PEBCKA | 01 | PEBCKA | 00 | 1 | TQ2 | E3 | | 30B | | |
| 60380 | | XA209 | 58 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 27A | | |
| 60927 | | XA209 | 59 | | | | | | | | | | PLPTSP | 02 | PTSMDO | 01 | 1 | TQ2 | E4 | | 31B | | |
| 62616 | | XA209 | 60 | | | | | | | | | | QEBRSRA | 02 | QEBRSRA | 00 | 1 | TQ2 | E2 | | 28A | | |
| 62634 | | XA209 | 61 | | | | | | | | | | QLPTSP | 02 | PTSMDO | 01 | 2 | TQ2 | E4 | | 32B | | |
| 62617 | | XA209 | 62 | | | XA208 | 75 | | | 16B | 9 | | QEBRS0 | 01 | QEBRSRA | 01 | 1 | TQ2 | E2 | | 29A | | |
| 61380 | | XA209 | 63 | | | | | | | | | | PTSMDO | 05 | PTSMDO | 00 | 1 | TQ2 | E4 | | 33B | TEST MODE. CPU-A OR | |
| 63810 | | XA209 | 64 | | | XA209 | 55 | | | 16B | 9 | | SPI0043 | 36 | QEBRSRA | 01 | 2 | TQ2 | E2 | | 30A | | |
| 60913 | | XA209 | 65 | | | | | | | | | | PE080P | 03 | PE0MS0 | 01 | 1 | TQ2 | F3 | | 34B | CPU-B | |
| 62602 | | XA209 | 66 | | | XA336 | 72 | | | 16B | 9 | | P1100A | 01 | P1100A | 00 | 1 | TQ2 | E1 | | 31A | EOB. COUNTER = 0 | A03 |
| 60381 | | XA209 | 67 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 40A | | |
| 62613 | | XA209 | 68 | | | | | | | | | | PLST00 | 02 | P1100A | 01 | 1 | TQ2 | E1 | | 32A | | A03 |
| 60916 | | XA209 | 69 | | | XA314 | 15 | | | 16B | 9 | | PE0MS0 | 01 | PE0MS0 | 00 | 1 | TQ2 | F3 | | 35A | END OF MESSAGE. C | |
| 62627 | | XA209 | 70 | | | XA207 | 49 | | | 16B | 9 | | PSTCT5U | 00 | P1100A | 01 | 2 | TQ2 | E1 | | 33A | | A03 |
| 61299 | | XA209 | 71 | | | XA325 | 69 | | | 16B | 9 | | PSTR2P | 01 | PART20 | 01 | 1 | TQ2 | F2 | | 36A | | |
| 60750 | | XA209 | 72 | | | | | | | | | | PART20 | 05 | PART20 | 00 | 1 | TQ2 | F2 | | 34A | START 2. CPU-A OR | |
| 62703 | | XA209 | 73 | | | | | | | | | | QSTR2P | 02 | PART20 | 01 | 2 | TQ2 | F2 | | 36B | | |
| 62630 | | XA209 | 74 | | | | | | | | | | QE0B0P | 03 | PE0MS0 | 01 | 2 | TQ2 | F3 | | 35B | | |
| 60745 | | XA209 | 75 | | | | | | | | | | PART10 | 05 | PART10 | 00 | 1 | TQ2 | F1 | | 37B | START 1. CPU-A OR | |
| 60866 | | XA209 | 76 | | | | | | | | | | PEBSR0 | 02 | PEBSRA | 01 | 1 | TQ2 | E4 | | 37A | | |
| 61298 | | XA209 | 77 | | | | | | | | | | PSTR1P | 02 | PART10 | 01 | 1 | TQ2 | F1 | | 38B | | |
| 63809 | | XA209 | 78 | | | XA209 | 64 | | | 16B | 9 | | SPI0043 | 35 | PEBSRA | 01 | 2 | TQ2 | F4 | | 38A | | |
| 62700 | | XA209 | 79 | | | XA303 | 23 | | | 16B | 9 | | QSTR1P | 01 | PART10 | 01 | 2 | TQ2 | F1 | | 39B | | |
| 60864 | | XA209 | 80 | | | | | | | | | | PEBSRA | 02 | PEBSRA | 00 | 1 | TQ2 | F4 | | 39A | | |
| 64267 | | XA210 | 01 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 60382 | | XA210 | 02 | | | | | | | | | | GND | 01 | | | | | | | | | |
| 64268 | | XA210 | 03 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64269 | | XA210 | 04 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64270 | | XA210 | 05 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64271 | | XA210 | 06 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64272 | | XA210 | 07 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64273 | | XA210 | 08 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| CONNECTOR (XA210) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1117

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA210
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 103

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SPP INST MISC | SIGNAL | SEC NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO | |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|--|
| | PREFIX | CONNECTOR | PIN | SH FT | PREFIX | CONNECTOR | PIN | SH FT | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | | |
| 64274 | | XA210 | 09 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64275 | | XA210 | 10 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64276 | | XA210 | 11 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 60051 | | XA210 | 12 | | | | | | | | | | +5V | 01 | | | | | | | | | | | |
| 64277 | | XA210 | 13 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64278 | | XA210 | 14 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64279 | | XA210 | 15 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 60383 | | XA210 | 16 | | | | | | | | | | GND | 01 | | | | | | | | | | | |
| 64280 | | XA210 | 17 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64281 | | XA210 | 18 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64282 | | XA210 | 19 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64283 | | XA210 | 20 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64284 | | XA210 | 21 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64285 | | XA210 | 22 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64286 | | XA210 | 23 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64287 | | XA210 | 24 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64288 | | XA210 | 25 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64289 | | XA210 | 26 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64290 | | XA210 | 27 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 60052 | | XA210 | 28 | | | | | | | | | | +5V | 01 | | | | | | | | | | | |
| 64291 | | XA210 | 29 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64292 | | XA210 | 30 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64293 | | XA210 | 31 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 60384 | | XA210 | 32 | | | | | | | | | | GND | 01 | | | | | | | | | | | |
| 64294 | | XA210 | 33 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64295 | | XA210 | 34 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64296 | | XA210 | 35 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64297 | | XA210 | 36 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64298 | | XA210 | 37 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64299 | | XA210 | 38 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64300 | | XA210 | 39 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64301 | | XA210 | 40 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64302 | | XA210 | 41 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64303 | | XA210 | 42 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64304 | | XA210 | 43 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 60385 | | XA210 | 44 | | | | | | | | | | GND | 01 | | | | | | | | | | | |
| 64305 | | XA210 | 45 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64306 | | XA210 | 46 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64307 | | XA210 | 47 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64308 | | XA210 | 48 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64309 | | XA210 | 49 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64310 | | XA210 | 50 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64311 | | XA210 | 51 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64312 | | XA210 | 52 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64313 | | XA210 | 53 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64314 | | XA210 | 54 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64315 | | XA210 | 55 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64316 | | XA210 | 56 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64317 | | XA210 | 57 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 60386 | | XA210 | 58 | | | | | | | | | | GND | 01 | | | | | | | | | | | |
| CONNECTOR XA210 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA210
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 104

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|-------------|------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SM FS | PREFIX | CONNECTOR | PIN | SM FS | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | SM FS | INST | | |
| 64318 | | XA210 | 59 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64319 | | XA210 | 60 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64320 | | XA210 | 61 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64321 | | XA210 | 62 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64322 | | XA210 | 63 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64323 | | XA210 | 64 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64324 | | XA210 | 65 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64325 | | XA210 | 66 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 60387 | | XA210 | 67 | | | | | | | | | | GND | 01 | | | | | | | | | | |
| 64326 | | XA210 | 68 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64327 | | XA210 | 69 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64328 | | XA210 | 70 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64329 | | XA210 | 71 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64330 | | XA210 | 72 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64331 | | XA210 | 73 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64332 | | XA210 | 74 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64333 | | XA210 | 75 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64334 | | XA210 | 76 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64335 | | XA210 | 77 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64336 | | XA210 | 78 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64337 | | XA210 | 79 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64338 | | XA210 | 80 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47302 | | XA211 | 01 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 44310 | | XA211 | 02 | | | | | | | | | | GND | 01 | | | | | | | | | | |
| 47303 | | XA211 | 03 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47304 | | XA211 | 04 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47305 | | XA211 | 05 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47306 | | XA211 | 06 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47307 | | XA211 | 07 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47308 | | XA211 | 08 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47309 | | XA211 | 09 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47310 | | XA211 | 10 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47311 | | XA211 | 11 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 44037 | | XA211 | 12 | | | | | | | | | | +5V | 01 | | | | | | | | | | |
| 47312 | | XA211 | 13 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47313 | | XA211 | 14 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47314 | | XA211 | 15 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 44311 | | XA211 | 16 | | | | | | | | | | GND | 01 | | | | | | | | | | |
| 47315 | | XA211 | 17 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47316 | | XA211 | 18 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47317 | | XA211 | 19 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47318 | | XA211 | 20 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47319 | | XA211 | 21 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47320 | | XA211 | 22 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47321 | | XA211 | 23 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47322 | | XA211 | 24 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47323 | | XA211 | 25 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47324 | | XA211 | 26 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| CONNECTOR (XA211) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA211
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 105

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|---------|-------------|------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | WIRE NO | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 47325 | | XA211 | 27 | | | | | | | | SPP | 01 | | | | | | | | | |
| 44038 | | XA211 | 28 | | | | | | | | +5V | 01 | | | | | | | | | |
| 47326 | | XA211 | 29 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47327 | | XA211 | 30 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47328 | | XA211 | 31 | | | | | | | | SPP | 01 | | | | | | | | | |
| 44312 | | XA211 | 32 | | | | | | | | GND | 01 | | | | | | | | | |
| 47329 | | XA211 | 33 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47330 | | XA211 | 34 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47331 | | XA211 | 35 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47332 | | XA211 | 36 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47333 | | XA211 | 37 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47334 | | XA211 | 38 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47335 | | XA211 | 39 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47336 | | XA211 | 40 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47337 | | XA211 | 41 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47338 | | XA211 | 42 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47339 | | XA211 | 43 | | | | | | | | SPP | 01 | | | | | | | | | |
| 44313 | | XA211 | 44 | | | | | | | | GND | 01 | | | | | | | | | |
| 47340 | | XA211 | 45 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47341 | | XA211 | 46 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47342 | | XA211 | 47 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47343 | | XA211 | 48 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47344 | | XA211 | 49 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47345 | | XA211 | 50 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47346 | | XA211 | 51 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47347 | | XA211 | 52 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47348 | | XA211 | 53 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47349 | | XA211 | 54 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47350 | | XA211 | 55 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47351 | | XA211 | 56 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47352 | | XA211 | 57 | | | | | | | | SPP | 01 | | | | | | | | | |
| 44314 | | XA211 | 58 | | | | | | | | GND | 01 | | | | | | | | | |
| 47353 | | XA211 | 59 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47354 | | XA211 | 60 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47355 | | XA211 | 61 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47356 | | XA211 | 62 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47357 | | XA211 | 63 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47358 | | XA211 | 64 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47359 | | XA211 | 65 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47360 | | XA211 | 66 | | | | | | | | SPP | 01 | | | | | | | | | |
| 44315 | | XA211 | 67 | | | | | | | | GND | 01 | | | | | | | | | |
| 47361 | | XA211 | 68 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47362 | | XA211 | 69 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47363 | | XA211 | 70 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47364 | | XA211 | 71 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47365 | | XA211 | 72 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47366 | | XA211 | 73 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47367 | | XA211 | 74 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47368 | | XA211 | 75 | | | | | | | | SPP | 01 | | | | | | | | | |
| 47369 | | XA211 | 76 | | | | | | | | SPP | 01 | | | | | | | | | |
| CONNECTOR (XA211) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA211
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 106

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEC NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO | |
|---------------|--------|-----------|---------------------------------|----|--------|-----------|-----|----|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|--|
| | PREFIX | CONNECTOR | PIN | SH | PREFIX | CONNECTOR | PIN | SH | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | |
| 47370 | | XA211 | 77 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47371 | | XA211 | 78 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47372 | | XA211 | 79 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47373 | | XA211 | 80 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47374 | | XA212 | 01 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 44316 | | XA212 | 02 | | | | | | | | | | GND | 01 | | | | | | | | | | |
| 47375 | | XA212 | 03 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47376 | | XA212 | 04 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47377 | | XA212 | 05 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47378 | | XA212 | 06 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47379 | | XA212 | 07 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47380 | | XA212 | 08 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47381 | | XA212 | 09 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47382 | | XA212 | 10 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47383 | | XA212 | 11 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 44039 | | XA212 | 12 | | | | | | | | | | +5V | 01 | | | | | | | | | | |
| 47384 | | XA212 | 13 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47385 | | XA212 | 14 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47386 | | XA212 | 15 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 44317 | | XA212 | 16 | | | | | | | | | | GND | 01 | | | | | | | | | | |
| 47387 | | XA212 | 17 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47388 | | XA212 | 18 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47389 | | XA212 | 19 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47390 | | XA212 | 20 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47391 | | XA212 | 21 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47392 | | XA212 | 22 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47393 | | XA212 | 23 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47394 | | XA212 | 24 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47395 | | XA212 | 25 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47396 | | XA212 | 26 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47397 | | XA212 | 27 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 44040 | | XA212 | 28 | | | | | | | | | | +5V | 01 | | | | | | | | | | |
| 47398 | | XA212 | 29 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47399 | | XA212 | 30 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47400 | | XA212 | 31 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 44318 | | XA212 | 32 | | | | | | | | | | GND | 01 | | | | | | | | | | |
| 47401 | | XA212 | 33 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47402 | | XA212 | 34 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47403 | | XA212 | 35 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47404 | | XA212 | 36 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47405 | | XA212 | 37 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47406 | | XA212 | 38 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47407 | | XA212 | 39 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47408 | | XA212 | 40 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47409 | | XA212 | 41 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47410 | | XA212 | 42 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47411 | | XA212 | 43 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 44319 | | XA212 | 44 | | | | | | | | | | GND | 01 | | | | | | | | | | |
| CONNECTOR | | XA212 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA212
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 107

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH IFC | PREFIX | CONNECTOR | PIN | SH IFC | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 47412 | | XA212 | 45 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47413 | | XA212 | 46 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47414 | | XA212 | 47 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47415 | | XA212 | 48 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47416 | | XA212 | 49 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47417 | | XA212 | 50 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47418 | | XA212 | 51 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47419 | | XA212 | 52 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47420 | | XA212 | 53 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47421 | | XA212 | 54 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47422 | | XA212 | 55 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47423 | | XA212 | 56 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47424 | | XA212 | 57 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 44320 | | XA212 | 58 | | | | | | | | | GND | 01 | | | | | | | | | |
| 47425 | | XA212 | 59 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47426 | | XA212 | 60 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47427 | | XA212 | 61 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47428 | | XA212 | 62 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47429 | | XA212 | 63 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47430 | | XA212 | 64 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47431 | | XA212 | 65 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47432 | | XA212 | 66 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 44321 | | XA212 | 67 | | | | | | | | | GND | 01 | | | | | | | | | |
| 47433 | | XA212 | 68 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47434 | | XA212 | 69 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47435 | | XA212 | 70 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47436 | | XA212 | 71 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47437 | | XA212 | 72 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47438 | | XA212 | 73 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47439 | | XA212 | 74 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47440 | | XA212 | 75 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47441 | | XA212 | 76 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47442 | | XA212 | 77 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47443 | | XA212 | 78 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47444 | | XA212 | 79 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47445 | | XA212 | 80 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 45036 | | XA213 | 01 | | XA213 | 18 | | | | 16B | 9 | JK1290 | 01 | JAEBRA | 01 | 1 | TS8 | A1 | | 02B | | |
| 44322 | | XA213 | 02 | | | | | | | | | GND | 01 | | | | TS8 | | | 01A | | |
| 44118 | | XA213 | 03 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 44970 | | XA213 | 04 | | XA222 | 01 | | | | 16B | 9 | JK08C0 | 02 | JAEBRA | 01 | 2 | TS8 | A1 | | 04A | | |
| 44951 | | XA213 | 05 | | XA213 | 20 | | | | 16B | 9 | JK04F0 | 01 | JAEBRA | 01 | 3 | TS8 | A1 | | 03B | | |
| 44927 | | XA213 | 06 | | | | | | | | | JK03F0 | 02 | JAEBRA | 01 | 4 | TS8 | A1 | | 05A | | |
| 45410 | | XA213 | 07 | | XA213 | 37 | | | | 16B | 9 | JXCP3B | 25 | JAEBRA | 01 | 5 | TS8 | A1 | | 03A | | |
| 46161 | | XA213 | 08 | | XA214 | 13 | | | | 16B | 9 | SPT0012 | 23 | JAEBRA | 01 | 6 | TS8 | A1 | | 06A | | |
| 44119 | | XA213 | 09 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 46207 | | XA213 | 10 | | XA216 | 15 | | | | 16B | 9 | SPT0032 | 01 | JAEBRA | 01 | 7 | TS8 | A1 | | 07A | | |
| 44567 | | XA213 | 11 | | | | | | | | | JAEBRA | 02 | JAEBRA | 00 | 1 | TS8 | A1 | | 05B | RESET OUTPUT COMMA | |
| 44041 | | XA213 | 12 | | | | | | | | | +5V | 01 | | | | TS8 | | | | | |
| CONNECTOR (XA213) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA213
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 108

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SPEC. WIRE | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|--|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|------------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|-----------------------|--------|
| | PREFIX | CONNECTOR | PIN | SN FC | PREFIX | CONNECTOR | PIN | SN FC | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 446190 | XA213 | 13 | | | | | | | 168 | 9 | | | SPI0022 | 15 | JAEBRA | 01 | 8 | TS8 | A1 | | 06B | | |
| 44613 | XA213 | 14 | | | XA220 | 38 | | | 168 | 9 | | | JAE0BS | 01 | JAOERA | 01 | 1 | TS8 | B1 | | 09A | | |
| 44120 | XA213 | 15 | | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 44323 | XA213 | 16 | | | | | | | | | | | GND | 01 | | | | TS8 | | | | 21B | |
| 44121 | XA213 | 17 | | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 445037 | XA213 | 18 | | | XA213 | 34 | | | 168 | 9 | | | JK1290 | 02 | JAOERA | 01 | 2 | TS8 | B1 | | 10A | | |
| 44969 | XA213 | 19 | | | XA213 | 04 | | | 168 | 9 | | | JK08C0 | 01 | JAOERA | 01 | 3 | TS8 | B1 | | 09B | | |
| 44952 | XA213 | 20 | | | XA223 | 15 | | | 168 | 9 | | | JK04F0 | 02 | JAOERA | 01 | 4 | TS8 | B1 | | 11A | | |
| 44122 | XA213 | 21 | | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 44923 | XA213 | 22 | | | XA219 | 01 | | | 168 | 9 | | | JK03E0 | 01 | JAOERA | 01 | 5 | TS8 | B1 | | 12A | | |
| 44647 | XA213 | 23 | | | | | | | | | | | JAOERA | 02 | JAOERA | 00 | 1 | TS8 | B1 | | 11B | RESET AUTO OUTPUT | |
| 445409 | XA213 | 24 | | | XA213 | 07 | | | 168 | 9 | | | JXCP3B | 24 | JAOERA | 01 | 6 | TS8 | B1 | | 13A | | |
| 46191 | XA213 | 25 | | | XA213 | 38 | | | 168 | 9 | | | SPI0022 | 16 | JAOERA | 01 | 7 | TS8 | B1 | | 12B | | |
| 46163 | XA213 | 26 | | | XA214 | 26 | | | 168 | 9 | | | SPI0012 | 25 | JAOERA | 01 | 8 | TS8 | B1 | | 14A | | |
| 44123 | XA213 | 27 | | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 44042 | XA213 | 28 | | | | | | | | | | | +5V | 01 | | | | TS8 | | | | | |
| 44124 | XA213 | 29 | | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 44758 | XA213 | 30 | | | XA215 | 37 | | | 168 | 9 | | | JDOUTQ | 06 | JAEN2A | 01 | 1 | TS8 | C1 | | 15A | | |
| 44643 | XA213 | 31 | | | XA215 | 38 | | | 168 | 9 | | | JAOENS | 04 | JAEN2A | 01 | 2 | TS8 | C1 | | 15B | | |
| 44324 | XA213 | 32 | | | | | | | | | | | GND | 01 | | | | TS8 | | | | 27A | |
| 44125 | XA213 | 33 | | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 45038 | XA213 | 34 | | | XA214 | 73 | | | 168 | 9 | | | JK1290 | 03 | JAEN2A | 01 | 3 | TS8 | C1 | | 16A | | |
| 44587 | XA213 | 35 | | | XA224 | 48 | | | 168 | 9 | | | JAEN2A | 01 | JAEN2A | 00 | 1 | TS8 | C1 | | 17B | | |
| 44891 | XA213 | 36 | | | XA221 | 70 | | | 168 | 9 | | | JKPE00 | 01 | JAEN2A | 01 | 4 | TS8 | C1 | | 17A | | B04 |
| 45411 | XA213 | 37 | | | XA214 | 40 | | | 168 | 9 | | | JXCP3B | 26 | JAEN2A | 01 | 5 | TS8 | C1 | | 18B | | |
| 46192 | XA213 | 38 | | | XA213 | 77 | | | 168 | 9 | | | SPI0022 | 17 | JAEN2A | 01 | 6 | TS8 | C1 | | 18A | | C02 |
| 44126 | XA213 | 39 | | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 46169 | XA213 | 40 | | | XA213 | 56 | | | 168 | 9 | | | SPI0012 | 31 | JAEN2A | 01 | 7 | TS8 | C1 | | 19A | | |
| 44127 | XA213 | 41 | | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 46220 | XA213 | 42 | | | XA213 | 78 | | | 168 | 9 | | | SPI0032 | 14 | JAEN2A | 01 | 8 | TS8 | C1 | | 20A | | C02 |
| 45465 | XA213 | 43 | | | XA235 | 38 | | | 168 | 9 | | | JXDVS5 | 02 | JXDV3A | 01 | 1 | TS8 | D1 | | 23B | | |
| 44325 | XA213 | 44 | | | | | | | | | | | GND | 01 | | | | TS8 | | | | 40A | |
| 44128 | XA213 | 45 | | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 45942 | XA213 | 46 | | | XA231 | 31 | | | 168 | 9 | | | JXXB20 | 02 | JXDV3A | 01 | 2 | TS8 | D1 | | 21A | | |
| 45481 | XA213 | 47 | | | XA215 | 72 | | | 168 | 9 | | | JXDV3A | 02 | JXDV3A | 00 | 1 | TS8 | D1 | | 25B | START END INPUT CGA03 | |
| 45853 | XA213 | 48 | | | XA214 | 05 | | | 168 | 9 | | | JXXA0P | 01 | JXDV3A | 01 | 3 | TS8 | D1 | | 22A | | |
| 45872 | XA213 | 49 | | | | | | | | | | | JXXA1Q | 08 | JXDV3A | 01 | 4 | TS8 | D1 | | 26B | | |
| 44815 | XA213 | 50 | | | | | | | | | | | JENINO | 02 | JXDV3A | 01 | 5 | TS8 | D1 | | 23A | | |
| 44129 | XA213 | 51 | | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 45703 | XA213 | 52 | | | XA214 | 08 | | | 168 | 9 | | | JXROPA | 01 | JXDV3A | 01 | 6 | TS8 | D1 | | 24A | | |
| 44130 | XA213 | 53 | | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 45477 | XA213 | 54 | | | | | | | | | | | JXDV2A | 02 | JXDV3A | 01 | 7 | TS8 | D1 | | 25A | | |
| 46171 | XA213 | 55 | | | | | | | | | | | JD00BP | 02 | JNULLA | 01 | 1 | TS8 | E1 | | 29B | | C02 |
| 46170 | XA213 | 56 | | | XA215 | 49 | | | 168 | 9 | | | SPI0012 | 32 | JXDV3A | 01 | 8 | TS8 | D1 | | 26A | | |
| 44131 | XA213 | 57 | | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 44326 | XA213 | 58 | | | | | | | | | | | GND | 01 | | | | TS8 | | | | | |
| 47735 | XA213 | 59 | | | XA215 | 42 | | | 168 | 9 | | | JNULLA | 01 | JNULLA | 00 | 1 | TS8 | E1 | | 31B | | C02 |
| 46221 | XA213 | 60 | | | XA214 | 46 | | | 168 | 9 | | | JD01BP | 005 | JNULLA | 01 | 2 | TS8 | E1 | | 28A | | C02 |
| 46193 | XA213 | 61 | | | XA214 | 48 | | | 168 | 9 | | | JD02BP | 005 | JNULLA | 01 | 3 | TS8 | E1 | | 32B | | C02 |
| 46278 | XA213 | 62 | | | XA214 | 49 | | | 168 | 9 | | | JD03BP | 005 | JNULLA | 01 | 4 | TS8 | E1 | | 29A | | C02 |
| CONNECTOR XA213 CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA213
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| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO | |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|-------|
| | PREFIX | CONNECTOR | PIN | SH FC | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | IDENT |
| 44132 | | XA213 | 63 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 46251 | | XA213 | 64 | | XA214 | 50 | | | 16B | 9 | | JD04BP | 005 | JNULLA | 01 | 5 | TS8 | E1 | | 30A | | C02 | |
| 44133 | | XA213 | 65 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 46301 | | XA213 | 66 | | XA216 | 41 | | | 16B | 9 | | JD05BP | 005 | JNULLA | 01 | 6 | TS8 | E1 | | 31A | | C02 | |
| 44327 | | XA213 | 67 | | | | | | | | | GND | 01 | | | | TS8 | | | | | | |
| 46290 | | XA213 | 68 | | XA216 | 39 | | | 16B | 9 | | JD06BP | 005 | JNULLA | 01 | 7 | TS8 | E1 | | 32A | | C02 | |
| 44134 | | XA213 | 69 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 46302 | | XA213 | 70 | | XA216 | 37 | | | 16B | 9 | | JD07BP | 005 | JNULLA | 01 | 8 | TS8 | E1 | | 33A | | C02 | |
| 45100 | | XA213 | 71 | | XA232 | 74 | | | 16B | 9 | | JSC11A | 01 | JINT10 | 01 | 1 | TS8 | F1 | | 36A | | | |
| 44820 | | XA213 | 72 | | XA218 | 29 | | | 16B | 9 | | JETX1A | 01 | JINT10 | 01 | 2 | TS8 | F1 | | 34A | | | |
| 44634 | | XA213 | 73 | | | | | | | | | JAIERA | 04 | JINT10 | 01 | 3 | TS8 | F1 | | 36B | | | |
| 45082 | | XA213 | 74 | | | | | | | | | JPINTA | 02 | JINT10 | 01 | 4 | TS8 | F1 | | 35B | | | |
| 46140 | | XA213 | 75 | | XA214 | 78 | | | 16B | 9 | | SPI0012 | 02 | JINT10 | 01 | 5 | TS8 | F1 | | 37B | | | |
| 44874 | | XA213 | 76 | | | | | | | | | JINT10 | 03 | JINT10 | 00 | 1 | TS8 | E1 | | 37A | END OF DEV COMMAND | | |
| 46194 | | XA213 | 77 | | XA214 | 77 | | | 16B | 9 | | SPI0022 | 19 | JINT10 | 01 | 6 | TS8 | F1 | | 38B | | | |
| 46222 | | XA213 | 78 | | XA214 | 79 | | | 16B | 9 | | SPI0032 | 16 | JINT10 | 01 | 7 | TS8 | F1 | | 38A | | | |
| 46250 | | XA213 | 79 | | XA215 | 70 | | | 16B | 9 | | SPI0042 | 12 | JINT10 | 01 | 8 | TS8 | F1 | | 39B | | C02 | |
| 44135 | | XA213 | 80 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 45464 | | XA214 | 01 | | XA213 | 43 | | | 16B | 9 | | JXDVSS | 01 | JXSSOA | 01 | 1 | TS8 | A1 | | 02B | | | |
| 44328 | | XA214 | 02 | | | | | | | | | GND | 01 | | | | TS8 | | | 01A | | | |
| 44136 | | XA214 | 03 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 45941 | | XA214 | 04 | | XA213 | 46 | | | 16B | 9 | | JXXB20 | 01 | JXSSOA | 01 | 2 | TS8 | A1 | | 04A | | | |
| 45854 | | XA214 | 05 | | XA229 | 11 | | | 16B | 9 | | JXXA0P | 02 | JXSSOA | 01 | 3 | TS8 | A1 | | 03B | | | |
| 45871 | | XA214 | 06 | | XA213 | 49 | | | 16B | 9 | | JXXA1Q | 07 | JXSSOA | 01 | 4 | TS8 | A1 | | 05A | | | |
| 45792 | | XA214 | 07 | | XA227 | 46 | | | 16B | 9 | | JXSS00 | 01 | JXSSOA | 01 | 5 | TS8 | A1 | | 03A | | | |
| 45704 | | XA214 | 08 | | XA225 | 13 | | | 16B | 9 | | JXR0PA | 02 | JXSSOA | 01 | 6 | TS8 | A1 | | 06A | | | |
| 44137 | | XA214 | 09 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 46189 | | XA214 | 10 | | XA213 | 13 | | | 16B | 9 | | SPI0022 | 14 | JXSSOA | 01 | 7 | TS8 | A1 | | 07A | | | |
| 45795 | | XA214 | 11 | | XA231 | 18 | | | 16B | 9 | | JXSSOA | 02 | JXSSOA | 00 | 1 | TS8 | A1 | | 05B | SOFTWARE STOP COMM | | |
| 44043 | | XA214 | 12 | | | | | | | | | +5V | 01 | | | | TS8 | | | | | | |
| 46162 | | XA214 | 13 | | XA213 | 26 | | | 16B | 9 | | SPI0012 | 24 | JXSSOA | 01 | 8 | TS8 | A1 | | 06B | | | |
| 44667 | | XA214 | 14 | | XA214 | 30 | | | 16B | 9 | | JDAINQ | 01 | JDP7RA | 01 | 1 | TS8 | B1 | | 09A | | A03 | |
| 44138 | | XA214 | 15 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 44329 | | XA214 | 16 | | | | | | | | | GND | 01 | | | | TS8 | | | 21B | | | |
| 44139 | | XA214 | 17 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 44619 | | XA214 | 18 | | XA214 | 31 | | | 16B | 9 | | JAIENS | 01 | JDP7RA | 01 | 2 | TS8 | B1 | | 10A | | | |
| 44905 | | XA214 | 19 | | XA217 | 23 | | | 16B | 9 | | JKTCCP | 08 | JDP7RA | 01 | 3 | TS8 | B1 | | 09B | | | |
| 44979 | | XA214 | 20 | | XA214 | 37 | | | 16B | 9 | | JK0870 | 01 | JDP7RA | 01 | 4 | TS8 | B1 | | 11A | | | |
| 44140 | | XA214 | 21 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 44948 | | XA214 | 22 | | | | | | | | | JK04B5U | 05 | JDP7RA | 01 | 5 | TS8 | B1 | | 12A | | | |
| 44720 | | XA214 | 23 | | XA224 | 57 | | | 16B | 9 | | JDP7RA | 01 | JDP7RA | 00 | 1 | TS8 | B1 | | 11B | RESET DATA REG ON | | |
| 44997 | | XA214 | 24 | | XA219 | 22 | | | 16B | 9 | | JK1200 | 01 | JDP7RA | 01 | 6 | TS8 | B1 | | 13A | | | |
| 45408 | | XA214 | 25 | | XA213 | 24 | | | 16B | 9 | | JXCP3B | 23 | JDP7RA | 01 | 7 | TS8 | B1 | | 12B | | | |
| 46164 | | XA214 | 26 | | XA216 | 29 | | | 16B | 9 | | SPI0012 | 26 | JDP7RA | 01 | 8 | TS8 | B1 | | 14A | | | |
| 44141 | | XA214 | 27 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 44044 | | XA214 | 28 | | | | | | | | | +5V | 01 | | | | TS8 | | | | | | |
| 44142 | | XA214 | 29 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 44669 | | XA214 | 30 | | XA214 | 71 | | | 16B | 9 | | JDAINQ | 03 | JDP7SA | 01 | 1 | TS8 | C1 | | 15A | | | |
| CONNECTOR (XA214) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA214
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 110

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|-----|------|--------|-----------|-----|------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH 2 | PREFIX | CONNECTOR | PIN | SH 2 | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 44620 | | XA214 | 31 | | | XA216 | 59 | | | 16B | 9 | | JAIENS | 02 | JDP7SA | 01 | 2 | TS8 | C1 | | 15B | A03 | |
| 44330 | | XA214 | 32 | | | | | | | | | | GND | 01 | | | | TS8 | | | 27A | | |
| 44143 | | XA214 | 33 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 44831 | | XA214 | 34 | | | | | | | | | | JEYINO | 02 | JDP7SA | 01 | 3 | TS8 | C1 | | 16A | | |
| 44723 | | XA214 | 35 | | | | | | | | | | JDP7SA | 02 | JDP7SA | 00 | 1 | TS8 | C1 | | 17B | LOAD DATA REGISTER | |
| 44904 | | XA214 | 36 | | | XA214 | 19 | | | 16B | 9 | | JKTCCP | 07 | JDP7SA | 01 | 4 | TS8 | C1 | | 17A | | |
| 44980 | | XA214 | 37 | | | XA223 | 66 | | | 16B | 9 | | JK0870 | 02 | JDP7SA | 01 | 5 | TS8 | C1 | | 18B | | |
| 44947 | | XA214 | 38 | | | XA214 | 22 | | | 16B | 9 | | JK04B5U | 04 | JDP7SA | 01 | 6 | TS8 | C1 | | 18A | | |
| 44144 | | XA214 | 39 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 45412 | | XA214 | 40 | | | XA214 | 64 | | | 16B | 9 | | JXCP3B | 27 | JDP7SA | 01 | 7 | TS8 | C1 | | 19A | | |
| 44145 | | XA214 | 41 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 46168 | | XA214 | 42 | | | XA213 | 40 | | | 16B | 9 | | SPI0012 | 30 | JDP7SA | 01 | 8 | TS8 | C1 | | 20A | | |
| 44749 | | XA214 | 43 | | | XA230 | 55 | | | 16B | 9 | | JD0PBQ | 01 | JETX0A | 01 | 1 | TS8 | D1 | | 23B | | |
| 44331 | | XA214 | 44 | | | | | | | | | | GND | 01 | | | | TS8 | | | 40A | | |
| 44146 | | XA214 | 45 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 44765 | | XA214 | 46 | | | XA216 | 50 | | | 16B | 9 | | JD01BP | 01 | JETX0A | 01 | 2 | TS8 | D1 | | 21A | | |
| 44817 | | XA214 | 47 | | | | | | | | | | JETX0A | 02 | JETX0A | 00 | 1 | TS8 | D1 | | 25B | EXT CHARACTER IS | |
| 44772 | | XA214 | 48 | | | XA216 | 47 | | | 16B | 9 | | JD02BP | 01 | JETX0A | 01 | 3 | TS8 | D1 | | 22A | | |
| 44779 | | XA214 | 49 | | | XA216 | 45 | | | 16B | 9 | | JD03BP | 01 | JETX0A | 01 | 4 | TS8 | D1 | | 26B | | |
| 44786 | | XA214 | 50 | | | XA216 | 43 | | | 16B | 9 | | JD04BP | 01 | JETX0A | 01 | 5 | TS8 | D1 | | 23A | | |
| 44147 | | XA214 | 51 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 44794 | | XA214 | 52 | | | XA228 | 57 | | | 16B | 9 | | JD05BP | 02 | JETX0A | 01 | 6 | TS8 | D1 | | 24A | | |
| 44148 | | XA214 | 53 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 44802 | | XA214 | 54 | | | XA216 | 70 | | | 16B | 9 | | JD06BQ | 01 | JETX0A | 01 | 7 | TS8 | D1 | | 25A | | |
| 45107 | | XA214 | 55 | | | XA223 | 09 | | | 16B | 9 | | JSNCO5 | 01 | JSNCOA | 01 | 1 | TS8 | E1 | | 29B | | |
| 44811 | | XA214 | 56 | | | | | | | | | | JD07BQ | 03 | JETX0A | 01 | 8 | TS8 | D1 | | 26A | | |
| 44149 | | XA214 | 57 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 44332 | | XA214 | 58 | | | | | | | | | | GND | 01 | | | | TS8 | | | | | |
| 45103 | | XA214 | 59 | | | | | | | | | | JSNCOA | 02 | JSNCOA | 00 | 1 | TS8 | E1 | | 31B | | |
| 45124 | | XA214 | 60 | | | | | | | | | | JSNCOA | 03 | JSNCOA | 01 | 2 | TS8 | E1 | | 28A | | |
| 44853 | | XA214 | 61 | | | XA223 | 17 | | | 16B | 9 | | JBUSYR | 01 | JSNCOA | 01 | 3 | TS8 | E1 | | 32B | | |
| 44871 | | XA214 | 62 | | | | | | | | | | JINT1A | 04 | JSNCOA | 01 | 4 | TS8 | E1 | | 29A | | |
| 44150 | | XA214 | 63 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 45413 | | XA214 | 64 | | | XA214 | 75 | | | 16B | 9 | | JXCP3B | 28 | JSNCOA | 01 | 5 | TS8 | E1 | | 30A | | |
| 44151 | | XA214 | 65 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 46142 | | XA214 | 66 | | | XA215 | 66 | | | 16B | 9 | | SPI0012 | 04 | JSNCOA | 01 | 6 | TS8 | E1 | | 31A | | |
| 44333 | | XA214 | 67 | | | | | | | | | | GND | 01 | | | | TS8 | | | | | |
| 46196 | | XA214 | 68 | | | XA215 | 61 | | | 16B | 9 | | SPI0022 | 21 | JSNCOA | 01 | 7 | TS8 | E1 | | 32A | | |
| 44152 | | XA214 | 69 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 46224 | | XA214 | 70 | | | XA215 | 68 | | | 16B | 9 | | SPI0032 | 18 | JSNCOA | 01 | 8 | TS8 | E1 | | 33A | | |
| 44670 | | XA214 | 71 | | | XA220 | 69 | | | 16B | 9 | | JDAINQ | 04 | JIENOA | 01 | 1 | TS8 | F1 | | 36A | | |
| 44623 | | XA214 | 72 | | | XA220 | 76 | | | 16B | 9 | | JAIENS | 05 | JIENOA | 01 | 2 | TS8 | F1 | | 34A | | |
| 45039 | | XA214 | 73 | | | XA221 | 68 | | | 16B | 9 | | JK1290 | 04 | JIENOA | 01 | 3 | TS8 | F1 | | 36B | | |
| 44892 | | XA214 | 74 | | | | | | | | | | JK08B3U | 04 | JIENOA | 01 | 4 | TS8 | F1 | | 35B | B04 | |
| 45414 | | XA214 | 75 | | | | | | | | | | JXCP3B | 29 | JIENOA | 01 | 5 | TS8 | F1 | | 37B | | |
| 44842 | | XA214 | 76 | | | XA223 | 56 | | | 16B | 9 | | JIENOA | 01 | JIENOA | 00 | 1 | TS8 | F1 | | 37A | START INPUT COUNT | |
| 46195 | | XA214 | 77 | | | XA214 | 68 | | | 16B | 9 | | SPI0022 | 20 | JIENOA | 01 | 6 | TS8 | F1 | | 38B | | |
| 46141 | | XA214 | 78 | | | XA214 | 66 | | | 16B | 9 | | SPI0012 | 03 | JIENOA | 01 | 7 | TS8 | F1 | | 38A | | |
| 46223 | | XA214 | 79 | | | XA214 | 70 | | | 16B | 9 | | SPI0032 | 17 | JIENOA | 01 | 8 | TS8 | F1 | | 39B | | |
| 44153 | | XA214 | 80 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA215
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 111

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CHT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DR 12 | PREFIX | CONNECTOR | PIN | DR 12 | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 44943 | | XA215 | 01 | | | | | | | | | JK04B4U | 02 | JK04FA | 01 | 1 | TD4 | A2 | 02B | | | |
| 44334 | | XA215 | 02 | | | | | | | | | GND | 01 | | | | TD4 | | 01A | | | |
| 44154 | | XA215 | 03 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 44940 | | XA215 | 04 | | XA234 | 42 | | | | 16B | 9 | JK04B3U | 01 | JK04FA | 01 | 2 | TD4 | A2 | 04A | | | |
| 44939 | | XA215 | 05 | | | | | | | | | JK04B2U | 02 | JK04FA | 01 | 3 | TD4 | A2 | 03B | | | |
| 44966 | | XA215 | 06 | | | | | | | | | JK08B4U | 02 | JK08CA | 01 | 1 | TD4 | A1 | 05A | | | |
| 44936 | | XA215 | 07 | | XA234 | 38 | | | | 16B | 9 | JK04B1U | 01 | JK04FA | 01 | 4 | TD4 | A2 | 03A | | | |
| 44964 | | XA215 | 08 | | XA214 | 74 | | | | 16B | 9 | JK08B3U | 03 | JK08CA | 01 | 2 | TD4 | A1 | 06A | | C01 | |
| 44950 | | XA215 | 09 | | | | | | | | | JK04FA | 02 | JK04FA | 00 | 1 | TD4 | A2 | 04B | KK04 STATE F | | |
| 44983 | | XA215 | 10 | | | | | | | | | JK09QA | 02 | JK08CA | 01 | 3 | TD4 | A1 | 07A | | | |
| 44968 | | XA215 | 11 | | | | | | | | | JK08CA | 02 | JK08CA | 00 | 1 | TD4 | A1 | 05B | KK08 STATE C | | |
| 44045 | | XA215 | 12 | | | | | | | | | +5V | 01 | | | | TD4 | | | | | |
| 44976 | | XA215 | 13 | | | | | | | | | JK08QA | 02 | JK08CA | 01 | 4 | TD4 | A1 | 06B | | | |
| 45118 | | XA215 | 14 | | | | | | | | | JSNC1S | 04 | JBSY0A | 01 | 1 | TD4 | B2 | 05A | | | |
| 44155 | | XA215 | 15 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 44335 | | XA215 | 16 | | | | | | | | | GND | 01 | | | | TD4 | | 20B | | | |
| 44156 | | XA215 | 17 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 46188 | | XA215 | 18 | | XA215 | 30 | | | | 16B | 9 | SPI0022 | 13 | JBSY0A | 01 | 2 | TD4 | B2 | 10A | | A03 | |
| 45379 | | XA215 | 19 | | | | | | | | | JXCP1B | 23 | JBSY0A | 01 | 3 | TD4 | B2 | 09B | | | |
| 46174 | | XA215 | 20 | | XA244 | 37 | | | | 16B | 9 | SPI0012 | 36 | JBSY0A | 01 | 4 | TD4 | B2 | 11A | | | |
| 44649 | | XA215 | 21 | | | | | | | | | JBSY0A | 02 | JBSY0A | 00 | 1 | TD4 | B2 | 10B | SET HARDWARE BUSY | | |
| 44757 | | XA215 | 22 | | XA213 | 30 | | | | 16B | 9 | JDOUTQ | 05 | JAEN0A | 01 | 1 | TD4 | B1 | 12A | | | |
| 44572 | | XA215 | 23 | | | | | | | | | JAEN0A | 03 | JAEN0A | 00 | 1 | TD4 | B1 | 11B | START OUTPUT COMMA | | |
| 45130 | | XA215 | 24 | | | | | | | | | JSNC2S | 06 | JAEN0A | 01 | 2 | TD4 | B1 | 13A | | | |
| 44660 | | XA215 | 25 | | | | | | | | | JBUSYS | 04 | JAEN0A | 01 | 3 | TD4 | B1 | 12B | | | |
| 45407 | | XA215 | 26 | | XA214 | 25 | | | | 16B | 9 | JXCP3B | 22 | JAEN0A | 01 | 4 | TD4 | B1 | 14A | | | |
| 44157 | | XA215 | 27 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 44046 | | XA215 | 28 | | | | | | | | | +5V | 01 | | | | TD4 | | | | | |
| 44158 | | XA215 | 29 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 44668 | | XA215 | 30 | | XA214 | 10 | | | | 16B | 9 | SPI0022 | 133 | | 01 | 1 | TD4 | C2 | 15A | | A03 | |
| 44621 | | XA215 | 31 | | XA215 | 46 | | | | 16B | 9 | SPI0032 | 122 | | 01 | 2 | TD4 | C2 | 15B | | A03 | |
| 44336 | | XA215 | 32 | | | | | | | | | GND | 01 | | | | TD4 | | 21B | | | |
| 44881 | | XA215 | 33 | | | | | | | | | SPO | 01 | | 00 | 1 | TD4 | C2 | 16B | | A03 | |
| 44887 | | XA215 | 34 | | | | | | | | | SPI0042 | 26 | | 01 | 3 | TD4 | C2 | 16A | | A03 | |
| 45088 | | XA215 | 35 | | | | | | | | | JPOUTA | 02 | JPOUTA | 00 | 1 | TD4 | C1 | 17B | | | |
| 44902 | | XA215 | 36 | | | | | | | | | SPI0052 | 16 | | 01 | 4 | TD4 | C2 | 17A | | A03 | |
| 44759 | | XA215 | 37 | | XA219 | 59 | | | | 16B | 9 | JDOUTQ | 07 | JPOUTA | 01 | 1 | TD4 | C1 | 18B | | | |
| 44644 | | XA215 | 38 | | XA216 | 53 | | | | 16B | 9 | JAQENS | 05 | JPOUTA | 01 | 2 | TD4 | C1 | 18A | | | |
| 44159 | | XA215 | 39 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 44903 | | XA215 | 40 | | XA214 | 36 | | | | 16B | 9 | JKICCP | 06 | JPOUTA | 01 | 3 | TD4 | C1 | 19A | | | |
| 44160 | | XA215 | 41 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 46167 | | XA215 | 42 | | | | | | | | | JNUL1A | 02 | JPOUTA | 01 | 4 | TD4 | C1 | 20A | | C02 | |
| 46257 | | XA215 | 43 | | XA216 | 34 | | | | 16B | 9 | SPI0042 | 19 | | 01 | 1 | TD4 | D2 | 23B | | | |
| 44337 | | XA215 | 44 | | | | | | | | | GND | 01 | | | | TD4 | | 27A | | | |
| 47736 | | XA215 | 45 | | | | | | | | | SPO | 01 | | 00 | 1 | TD4 | D2 | 24B | | | |
| 46219 | | XA215 | 46 | | XA213 | 42 | | | | 16B | 9 | SPI0032 | 13 | | 01 | 2 | TD4 | D2 | 21A | | | |
| 47737 | | XA215 | 47 | | | | | | | | | SPO | 01 | | 00 | 1 | TD4 | D1 | 25B | | | |
| 46199 | | XA215 | 48 | | XA215 | 52 | | | | 16B | 9 | SPI0022 | 24 | | 01 | 3 | TD4 | D2 | 22A | | | |
| 46172 | | XA215 | 49 | | XA215 | 50 | | | | 16B | 9 | SPI0012 | 34 | | 01 | 1 | TD4 | D1 | 26B | | | |
| 46173 | | XA215 | 50 | | XA215 | 20 | | | | 16B | 9 | SPI0012 | 35 | | 01 | 4 | TD4 | D2 | 23A | | | |
| CONNECTOR (XA215) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA215
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 112

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SFC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CXT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FC | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | |
| 44161 | XA215 | 51 | | | | | | | | | | | DNW | 01 | | | | | | | | | | |
| 46200 | XA215 | 52 | | | XA217 | 53 | | | 16B | 9 | | | SPI0022 | 25 | | 01 | 2 | TD4 | D1 | | 24A | | | |
| 44162 | XA215 | 53 | | | | | | | | | | | DNW | 01 | | | | | | | | | | |
| 46255 | XA215 | 54 | | | XA215 | 55 | | | 16B | 9 | | | SPI0042 | 17 | | 01 | 3 | TD4 | D1 | | 25A | | | |
| 46256 | XA215 | 55 | | | XA215 | 43 | | | 16B | 9 | | | SPI0042 | 18 | | 01 | 1 | TD4 | E2 | | 29B | | | |
| 46227 | XA215 | 56 | | | XA217 | 52 | | | 16B | 9 | | | SPI0032 | 21 | | 01 | 4 | TD4 | D1 | | 26A | | | |
| 47738 | XA215 | 57 | | | | | | | | | | | SPO | 01 | | 00 | 1 | TD4 | E2 | | 30B | | | |
| 44338 | XA215 | 58 | | | | | | | | | | | GND | 01 | | | | | | | 40A | | | |
| 47739 | XA215 | 59 | | | | | | | | | | | SPO | 01 | | 00 | 1 | TD4 | E1 | | 31B | | | |
| 46144 | XA215 | 60 | | | XA217 | 62 | | | 16B | 9 | | | SPI0012 | 06 | | 01 | 2 | TD4 | E2 | | 28A | | | |
| 46197 | XA215 | 61 | | | XA215 | 64 | | | 16B | 9 | | | SPI0022 | 22 | | 01 | 1 | TD4 | E1 | | 32B | | | |
| 46226 | XA215 | 62 | | | XA215 | 56 | | | 16B | 9 | | | SPI0032 | 20 | | 01 | 3 | TD4 | E2 | | 29A | | | |
| 44163 | XA215 | 63 | | | | | | | | | | | DNW | 01 | | | | | | | | | | |
| 46198 | XA215 | 64 | | | XA215 | 48 | | | 16B | 9 | | | SPI0022 | 23 | | 01 | 4 | TD4 | E2 | | 30A | | | |
| 44164 | XA215 | 65 | | | | | | | | | | | DNW | 01 | | | | | | | | | | |
| 46143 | XA215 | 66 | | | XA215 | 60 | | | 16B | 9 | | | SPI0012 | 05 | | 01 | 2 | TD4 | E1 | | 31A | | | |
| 44339 | XA215 | 67 | | | | | | | | | | | GND | 01 | | | | | | | 40B | | | |
| 46225 | XA215 | 68 | | | XA215 | 62 | | | 16B | 9 | | | SPI0032 | 19 | | 01 | 3 | TD4 | E1 | | 32A | | | |
| 45960 | XA215 | 69 | | | | | | | | | | | JXXCIO | 02 | JXXCIO | 00 | 1 | TD4 | F2 | | 35A | INDICATOR INPUT CO | | |
| 46252 | XA215 | 70 | | | XA218 | 51 | | | 16B | 9 | | | SPI0042 | 14 | | 01 | 4 | TD4 | E1 | | 33A | | | |
| 45141 | XA215 | 71 | | | | | | | | | | | JSYN1A | 03 | JXXCIO | 01 | 1 | TD4 | F2 | | 36A | | | |
| 45470 | XA215 | 72 | | | | | | | | | | | JXDV3A | 03 | JXXCIO | 01 | 2 | TD4 | F2 | | 34A | | A03 | |
| 45794 | XA215 | 73 | | | XA214 | 11 | | | 16B | 9 | | | JXSS0A | 01 | JXXCIO | 01 | 3 | TD4 | F2 | | 36B | | | |
| 46063 | XA215 | 74 | | | XA217 | 03 | | | 16B | 9 | | | JXOD0A | 01 | JXXCIO | 01 | 4 | TD4 | F2 | | 35B | | | |
| 44581 | XA215 | 75 | | | | | | | | | | | JAEN1A | 03 | JXXRCO | 01 | 1 | TD4 | F1 | | 37B | | | |
| 46032 | XA215 | 76 | | | XA224 | 45 | | | 16B | 9 | | | JXXRCO | 01 | JXXRCO | 00 | 1 | TD4 | F1 | | 37A | IOU REQUEST OR GAT | | |
| 45056 | XA215 | 77 | | | | | | | | | | | JLPT1A | 04 | JXXRCO | 01 | 2 | TD4 | F1 | | 38B | | | |
| 44855 | XA215 | 78 | | | | | | | | | | | JIEN1A | 03 | JXXRCO | 01 | 3 | TD4 | F1 | | 38A | | | |
| 44878 | XA215 | 79 | | | | | | | | | | | JINT2A | 04 | JXXRCO | 01 | 4 | TD4 | F1 | | 39B | | | |
| 44165 | XA215 | 80 | | | | | | | | | | | DNW | 01 | | | | | | | | | | |
| 44166 | XA216 | 01 | | | | | | | | | | | DNW | 01 | | | | | | | | | | |
| 44340 | XA216 | 02 | | | | | | | | | | | GND | 01 | | | | | | | 01B | | | |
| 46297 | XA216 | 03 | | | XA216 | 21 | | | 16B | 9 | | | SPI0072 | 07 | | 01 | 1 | MUX | A1 | | 02B | | | |
| 47740 | XA216 | 04 | | | | | | | | | | | SPO | 01 | | 00 | 1 | MUX | A1 | | 02A | | | |
| 46285 | XA216 | 05 | | | XA216 | 19 | | | 16B | 9 | | | SPI0062 | 07 | | 01 | 2 | MUX | A1 | | 03B | | | |
| 47741 | XA216 | 06 | | | | | | | | | | | SPO | 01 | | 00 | 1 | MUX | A2 | | 03A | | | |
| 46160 | XA216 | 07 | | | XA213 | 08 | | | 16B | 9 | | | SPI0012 | 22 | | 01 | 3 | MUX | A1 | | 04B | | | |
| 46327 | XA216 | 08 | | | | | | | | | | | SPI0122 | 03 | | 01 | 3 | MUX | A2 | | 04A | | | |
| 46276 | XA216 | 09 | | | XA218 | 03 | | | 16B | 9 | | | SPI0052 | 13 | | 01 | 4 | MUX | A1 | | 05B | | | |
| 46317 | XA216 | 10 | | | XA216 | 27 | | | 16B | 9 | | | SPI0092 | 06 | | 01 | 2 | MUX | A2 | | 05A | | | |
| 46263 | XA216 | 11 | | | XA215 | 34 | | | 16B | 9 | | | SPI0042 | 25 | | 01 | 5 | MUX | A1 | | 06B | | A03 | |
| 44047 | XA216 | 12 | | | | | | | | | | | +5V | 01 | | | | | | | 08A | | | |
| 46321 | XA216 | 13 | | | XA209 | 10 | | | 16B | 9 | | | SPI0102 | 03 | | 01 | 4 | MUX | A2 | | 07A | | | |
| 46322 | XA216 | 14 | | | XA216 | 26 | | | 16B | 9 | | | SPI0112 | 01 | | 01 | 1 | MUX | A2 | | 06A | | | |
| 46208 | XA216 | 15 | | | XA217 | 06 | | | 16B | 9 | | | SPI0032 | 02 | | 01 | 6 | MUX | A1 | | 07B | | | |
| 44341 | XA216 | 16 | | | | | | | | | | | GND | 01 | | | | | | | 20B | | | |
| 46187 | XA216 | 17 | | | XA215 | 18 | | | 16B | 9 | | | SPI0022 | 12 | | 01 | 8 | MUX | A1 | | 08B | | | |
| 46306 | XA216 | 18 | | | XA244 | 62 | | | 16B | 9 | | | SPI0082 | 05 | | 01 | 7 | MUX | A1 | | 09A | | | |
| CONNECTOR XA216 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA216
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 113

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|------|--------|-----------|-----|------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SIZE | PREFIX | CONNECTOR | PIN | SIZE | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 46286 | | XA216 | 19 | | | | | | | 16B | 9 | | SPI0062 | 08 | | 01 | 1 | MUX | B1 | | 09B | | |
| 47742 | | XA216 | 20 | | | XA217 | 29 | | | | | | SPO | 01 | | 00 | 1 | MUX | B1 | | 10A | | |
| 46298 | | XA216 | 21 | | | XA217 | 50 | | | 16B | 9 | | SPI0072 | 08 | | 01 | 2 | MUX | B1 | | 10B | | |
| 47743 | | XA216 | 22 | | | | | | | | | | SPO | 01 | | 00 | 1 | MUX | B2 | | 11A | | |
| 46305 | | XA216 | 23 | | | XA216 | 18 | | | 16B | 9 | | SPI0082 | 04 | | 01 | 3 | MUX | B1 | | 11B | | |
| 46326 | | XA216 | 24 | | | XA216 | 08 | | | 16B | 9 | | SPI0122 | 02 | | 01 | 3 | MUX | B2 | | 12A | | |
| 46186 | | XA216 | 25 | | | XA216 | 17 | | | 16B | 9 | | SPI0022 | 11 | | 01 | 4 | MUX | B1 | | 12B | | |
| 46323 | | XA216 | 26 | | | XA244 | 53 | | | 16B | 9 | | SPI0112 | 02 | | 01 | 2 | MUX | B2 | | 13A | | |
| 46318 | | XA216 | 27 | | | XA208 | 05 | | | 16B | 9 | | SPI0092 | 07 | | 01 | 1 | MUX | B2 | | 14A | | |
| 44048 | | XA216 | 28 | | | | | | | | | | +5V | 01 | | | | MUX | | | 08A | | |
| 46165 | | XA216 | 29 | | | XA216 | 35 | | | 16B | 9 | | SPI0012 | 27 | | 01 | 5 | MUX | B1 | | 13B | | |
| 46320 | | XA216 | 30 | | | XA216 | 13 | | | 16B | 9 | | SPI0102 | 02 | | 01 | 4 | MUX | B2 | | 15A | | |
| 46218 | | XA216 | 31 | | | XA215 | 31 | | | 16B | 9 | | SPI0032 | 12 | | 01 | 6 | MUX | B1 | | 14B | | |
| 44342 | | XA216 | 32 | | | | | | | | | | GND | 01 | | | | MUX | | | 27A | A03 | |
| 46275 | | XA216 | 33 | | | XA216 | 09 | | | 16B | 9 | | SPI0052 | 12 | | 01 | 8 | MUX | B1 | | 16A | | |
| 46258 | | XA216 | 34 | | | XA217 | 30 | | | 16B | 9 | | SPI0042 | 20 | | 01 | 7 | MUX | B1 | | 15B | | |
| 46166 | | XA216 | 35 | | | XA214 | 42 | | | 16B | 9 | | SPI0012 | 28 | JPDTX1X | 01 | 1 | MUX | C1 | | 16B | C02 | |
| 45070 | | XA216 | 36 | | | | | | | | | | JPDTX1X | 02 | JPDTX1X | 00 | 1 | MUX | C1 | | 17A | | |
| 44807 | | XA216 | 37 | | | XA228 | 69 | | | 16B | 9 | | JD07BP | 01 | JPDTX1X | 01 | 2 | MUX | C1 | | 17B | | |
| 47808 | | XA216 | 38 | | | | | | | | | M | JPDTX2X | 01 | JPDTX2X | 00 | 1 | MUX | C2 | | 18A | | |
| 44800 | | XA216 | 39 | | | XA228 | 76 | | | 16B | 9 | | JD06BP | 01 | JPDTX1X | 01 | 3 | MUX | C1 | | 18B | | |
| 44992 | | XA216 | 40 | | | | | | | | | | JK12B3U | 03 | JPDTX2X | 01 | 3 | MUX | C2 | | 19A | | |
| 44793 | | XA216 | 41 | | | XA214 | 52 | | | 16B | 9 | | JD05BP | 01 | JPDTX1X | 01 | 4 | MUX | C1 | | 19B | | |
| 44987 | | XA216 | 42 | | | XA234 | 56 | | | 16B | 9 | | JK12B2U | 01 | JPDTX2X | 01 | 2 | MUX | C2 | | 20A | | |
| 44787 | | XA216 | 43 | | | XA229 | 69 | | | 16B | 9 | | JD04BP | 02 | JPDTX1X | 01 | 5 | MUX | C1 | | 22B | | |
| 44343 | | XA216 | 44 | | | | | | | | | | GND | 01 | | | | MUX | | | 40A | | |
| 44780 | | XA216 | 45 | | | XA229 | 76 | | | 16B | 9 | | JD03BP | 02 | JPDTX1X | 01 | 6 | MUX | C1 | | 23B | | |
| 44986 | | XA216 | 46 | | | | | | | | | | JK12B1U | 03 | JPDTX2X | 01 | 1 | MUX | C2 | | 21A | | |
| 44773 | | XA216 | 47 | | | XA229 | 57 | | | 16B | 9 | | JD02BP | 02 | JPDTX1X | 01 | 7 | MUX | C1 | | 23A | | |
| 44993 | | XA216 | 48 | | | XA219 | 41 | | | 16B | 9 | | JK12B4U | 01 | JPDTX2X | 01 | 4 | MUX | C2 | | 22A | | |
| 45423 | | XA216 | 49 | | | | | | | | | | JX0B50 | 03 | JXDB0TA | 01 | 4 | MUX | D1 | | 24B | | |
| 44766 | | XA216 | 50 | | | XA230 | 69 | | | 16B | 9 | | JD01BP | 02 | JPDTX1X | 01 | 8 | MUX | C1 | | 24A | | |
| 44763 | | XA216 | 51 | | | XA230 | 78 | | | 16B | 9 | | JD00BQ | 01 | JXDB0TA | 01 | 1 | MUX | D1 | | 25B | | |
| 45957 | | XA216 | 52 | | | XA216 | 68 | | | 16B | 9 | | JXXCIQ | 03 | JXDB0TA | 01 | 3 | MUX | D1 | | 25A | | |
| 44645 | | XA216 | 53 | | | | | | | | | | JAOENS | 06 | JXDB0TA | 01 | 2 | MUX | D1 | | 26B | | |
| 44776 | | XA216 | 54 | | | | | | | | | | JD02BQ | 02 | JXDB0TC | 01 | 1 | MUX | D3 | | 26A | | |
| 45425 | | XA216 | 55 | | | | | | | | | | JXDB0TA | 02 | JXDB0TA | 00 | 1 | MUX | D1 | | 27B | | |
| 45079 | | XA216 | 56 | | | XA218 | 37 | | | 16B | 9 | | JPE0BQ | 01 | JXDB0TC | 01 | 2 | MUX | D3 | | 28B | | |
| 44768 | | XA216 | 57 | | | XA230 | 74 | | | 16B | 9 | | JD01BQ | 01 | JXDB0TB | 01 | 1 | MUX | D2 | | 29B | | |
| 44344 | | XA216 | 58 | | | | | | | | | | GND | 01 | | | | MUX | | | 40B | | |
| 44622 | | XA216 | 59 | | | XA214 | 72 | | | 16B | 9 | | JAIENS | 04 | JXDB0TB | 01 | 2 | MUX | D2 | | 30B | | |
| 45429 | | XA216 | 60 | | | | | | | | | | JXDB0TC | 02 | JXDB0TC | 00 | 1 | MUX | D3 | | 28A | | |
| 45426 | | XA216 | 61 | | | XA234 | 73 | | | 16B | 9 | | JXDB0TB | 01 | JXDB0TB | 00 | 1 | MUX | D2 | | 31B | | |
| 44783 | | XA216 | 62 | | | | | | | | | | JD03BQ | 02 | JXDB0TD | 01 | 1 | MUX | D4 | | 29A | | |
| 45430 | | XA216 | 63 | | | XA234 | 77 | | | 16B | 9 | | JXDB0TD | 01 | JXDB0TD | 00 | 1 | MUX | D4 | | 31A | | |
| 45077 | | XA216 | 64 | | | XA218 | 31 | | | 16B | 9 | | JPETXQ | 01 | JXDB0TD | 01 | 2 | MUX | D4 | | 30A | | |
| 44167 | | XA216 | 65 | | | | | | | | | | DNW | 01 | | | | MUX | | | | | |
| 45422 | | XA216 | 66 | | | XA216 | 49 | | | 16B | 9 | | JXDR50 | 02 | JXDB4TA | 01 | 4 | MUX | F1 | | 32B | | |
| 44345 | | XA216 | 67 | | | | | | | | | | GND | 01 | | | | MUX | | | | | |
| 45958 | | XA216 | 68 | | | | | | | | | | JXXCIQ | 04 | JXDB4TA | 01 | 3 | MUX | F1 | | 33A | | |
| CONNECTOR XA216 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA216
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 114

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SFC INST | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------|-------------|------|-------|----------|---------|--------|----------|------|------|------------------|-------|---------------------|--------------------|---------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SH TC | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 44790 | | XA216 | 69 | | | | | | | | | JD04BQ | 02 | JXDB4TA | 01 | 1 | MUX | E1 | | 32A | | |
| 44803 | | XA216 | 70 | | XA228 | 78 | | | 16B | 9 | | JD06BQ | 02 | JXDB4TC | 01 | 1 | MUX | E3 | | 34A | | |
| 45085 | | XA216 | 71 | | XA222 | 80 | | | 16B | 9 | | JPRQP0 | 01 | JXDB4TA | 01 | 2 | MUX | E1 | | 33B | | |
| 45525 | | XA216 | 72 | | XA235 | 76 | | | 16B | 9 | | JK009A1 | 0C | JXDB4TC | 01 | 2 | MUX | E3 | | 35A | | C01 |
| 45433 | | XA216 | 73 | | | | | | | | | JXDB4TA | 02 | JXDB4TA | 00 | 1 | MUX | E1 | | 34B | INPUT DATA MUX BIT | |
| 45437 | | XA216 | 74 | | | | | | | | | JXDB4TC | 02 | JXDB4TC | 00 | 1 | MUX | E3 | | 36A | | |
| 44797 | | XA216 | 75 | | | | | | | | | JD05BQ | 02 | JXDB4TB | 01 | 1 | MUX | E2 | | 35B | | |
| 44810 | | XA216 | 76 | | XA214 | 56 | | | 16B | 9 | | JD07BQ | 02 | JXDB4TD | 01 | 1 | MUX | E4 | | 37A | | |
| 45068 | | XA216 | 77 | | | | | | | | | JPBZY0 | 03 | JXDB4TB | 01 | 2 | MUX | E2 | | 36B | | |
| 44661 | | XA216 | 78 | | XA217 | 37 | | | 16B | 9 | | JCDERQ | 01 | JXDB4TD | 01 | 2 | MUX | E4 | | 38A | | |
| 45434 | | XA216 | 79 | | XA233 | 73 | | | 16B | 9 | | JXDB4TB | 01 | JXDB4TB | 00 | 1 | MUX | E2 | | 37B | | |
| 45438 | | XA216 | 80 | | XA233 | 77 | | | 16B | 9 | | JXDB4TD | 01 | JXDB4TD | 00 | 1 | MUX | E4 | | 38B | | |
| 45055 | | XA217 | 01 | | XA215 | 77 | | | 16B | 9 | | JLPT1A | 03 | JLPTON | 01 | 1 | TDD | BN | | 02B | | |
| 44346 | | XA217 | 02 | | | | | | | | | GND | 01 | | | | TDD | | | 01B | | |
| 46064 | | XA217 | 03 | | XA223 | 05 | | | 16B | 9 | | JXDO0A | 02 | JLPTOQ | 01 | 1 | TDD | BQ | | 02A | | |
| 45679 | | XA217 | 04 | | XA220 | 23 | | | 16B | 9 | | JXRS0B | 52 | JLPTOP | 01 | 1 | TDD | BP | | 04A | | C02 |
| 45526 | | XA217 | 05 | | XA217 | 18 | | | 16B | 9 | | JXGN2A | 01 | JLPTOI | 01 | 1 | TDD | BI | | 03B | | |
| 46209 | | XA217 | 06 | | XA218 | 06 | | | 16B | 9 | | SPI0032 | 03 | | 01 | 1 | TDD | AP | | 05A | | |
| 45052 | | XA217 | 07 | | | | | | | | | JLPTOQ | 02 | JLPTOQ | 00 | 1 | TDD | BQ | | 03A | LOOP TEST COUNTER | |
| 46159 | | XA217 | 08 | | XA216 | 07 | | | 16B | 9 | | SPI0012 | 21 | | 01 | 1 | TDD | AI | | 06A | | |
| 47806 | | XA217 | 09 | | | | | | | | M | JLPTOP | 01 | JLPTOP | 00 | 1 | TDD | BP | | 04B | | |
| 46184 | | XA217 | 10 | | XA218 | 17 | | | 16B | 9 | | SPI0022 | 09 | | 01 | 1 | TDD | AN | | 07A | | |
| 47744 | | XA217 | 11 | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | AP | | 05B | | |
| 44049 | | XA217 | 12 | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 47745 | | XA217 | 13 | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | AQ | | 06B | | |
| 44694 | | XA217 | 14 | | XA219 | 51 | | | 16B | 9 | | JDEVOA | 01 | JDEVON | 01 | 1 | TDD | DN | | 09A | | |
| 46262 | | XA217 | 15 | | XA216 | 11 | | | 16B | 9 | | SPT0042 | 24 | | 01 | 1 | TDD | AQ | | 07B | | |
| 44347 | | XA217 | 16 | | | | | | | | | GND | 01 | | | | TDD | | | 20B | | |
| 45480 | | XA217 | 17 | | XA213 | 47 | | | 16B | 9 | | JXDV3A | 01 | JDEVOQ | 01 | 1 | TDD | DQ | | 08B | | |
| 45527 | | XA217 | 18 | | XA228 | 18 | | | 16B | 9 | | JXGN2A | 02 | JDEVOI | 01 | 1 | TDD | DI | | 10A | | |
| 44699 | | XA217 | 19 | | | | | | | | | JDEVOQ | 02 | JDEVOQ | 00 | 1 | TDD | DQ | | 09B | END INPUT COUNTER | |
| 45675 | | XA217 | 20 | | XA218 | 20 | | | 16B | 9 | | JXRS0B | 48 | JDEVOP | 01 | 1 | TDD | DP | | 11A | | |
| 47790 | | XA217 | 21 | | | | | | | | M | JDEVOP | 01 | JDEVOP | 00 | 1 | TDD | DP | | 10B | | |
| 44908 | | XA217 | 22 | | | | | | | | | JKTCRA | 02 | JKTCCP | 01 | 1 | TDD | CP | | 12A | | |
| 44906 | | XA217 | 23 | | | | | | | | | JKTCCP | 09 | JKTCCP | 00 | 1 | TDD | CP | | 11B | | |
| 46151 | | XA217 | 24 | | XA218 | 27 | | | 16B | 9 | | SPI0012 | 13 | JKICCI | 01 | 1 | TDD | CI | | 13A | | |
| 47796 | | XA217 | 25 | | | | | | | | M | JKTCCQ | 01 | JKTCCQ | 00 | 1 | TDD | CQ | | 12B | MAIN TIMING COUNTER | |
| 45045 | | XA217 | 26 | | | | | | | | | JK15QA | 02 | JKTCCN | 01 | 1 | TDD | CN | | 14A | | |
| 45674 | | XA217 | 27 | | | | | | | | | JKTC1A | 02 | JKTCCQ | 01 | 1 | TDD | CQ | | 13B | | C02 |
| 44050 | | XA217 | 28 | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 46287 | | XA217 | 29 | | XA218 | 46 | | | 16B | 9 | | SPI0062 | 09 | | 01 | 1 | TDD | FQ | | 14B | | |
| 46259 | | XA217 | 30 | | XA218 | 30 | | | 16B | 9 | | SPI0042 | 21 | | 01 | 1 | TDD | EN | | 15A | | |
| 47746 | | XA217 | 31 | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | FO | | 15B | | |
| 44348 | | XA217 | 32 | | | | | | | | | GND | 01 | | | | TDD | | | 21B | | |
| 47747 | | XA217 | 33 | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | FP | | 16B | | |
| 46217 | | XA217 | 34 | | XA216 | 31 | | | 16B | 9 | | SPI0032 | 11 | | 00 | 1 | TDD | FI | | 16A | | |
| 47788 | | XA217 | 35 | | | | | | | | M | JCDERP | 01 | JCDERP | 00 | 1 | TDD | EP | | 17B | | |
| 46274 | | XA217 | 36 | | XA216 | 33 | | | 16B | 9 | | SPI0052 | 11 | | 01 | 1 | TDD | FP | | 17A | | |
| CONNECTOR XA217 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA217
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 115

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SFC INST | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|------|-------------|------|-------|----------|---------|--------|----------|------|--------|------------------|-------|---------------------|-------------|---------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | DI | MULTI GROUP | CODE | COLOR | | | | | | | | | | IDENT | AND | | |
| 44662 | | XA217 | 37 | | | | | | | | | JCDERQ | 02 | JCDERQ | 00 | 1 | TDD | EQ | | 18B | COMPUTER DATA PART | | |
| 45136 | | XA217 | 38 | | | | | | | | | JRS0A | 04 | JCDERP | 01 | 1 | TDD | EP | | 18A | | | |
| 44664 | | XA217 | 39 | | | | | | | | | JCDESA | 02 | JCDERQ | 01 | 1 | TDD | EQ | | 19B | | | |
| 46150 | | XA217 | 40 | | XA217 | 24 | | | 16B | 9 | | SPI0012 | 12 | JCDERI | 01 | 1 | TDD | EI | | 19A | | | |
| 46304 | | XA217 | 41 | | XA216 | 23 | | | 16B | 9 | | SPI0082 | 03 | | 01 | 1 | TDD | HQ | | 22B | | | |
| 46203 | | XA217 | 42 | | XA218 | 42 | | | 16B | 9 | | SPI0022 | 28 | JCDERN | 01 | 1 | TDD | FN | | 20A | | | |
| 47748 | | XA217 | 43 | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | HO | | 23B | | | |
| 44349 | | XA217 | 44 | | | | | | | | | GND | 01 | | | | TDD | | | 27A | | | |
| 47749 | | XA217 | 45 | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | HP | | 24B | | | |
| 46289 | | XA217 | 46 | | | | | | | | | SPI0062 | 11 | | 01 | 1 | TDD | HN | | 21A | | C02 | |
| 47750 | | XA217 | 47 | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | GP | | 25B | | | |
| 46273 | | XA217 | 48 | | XA217 | 36 | | | 16B | 9 | | SPI0052 | 10 | | 01 | 1 | TDD | HI | | 22A | | | |
| 47751 | | XA217 | 49 | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | GQ | | 26B | | | |
| 46299 | | XA217 | 50 | | XA218 | 50 | | | 16B | 9 | | SPI0072 | 09 | | 01 | 1 | TDD | HP | | 23A | | | |
| 46254 | | XA217 | 51 | | XA215 | 54 | | | 16B | 9 | | SPI0042 | 16 | | 01 | 1 | TDD | GQ | | 27B | | | |
| 46228 | | XA217 | 52 | | XA218 | 52 | | | 16B | 9 | | SPI0032 | 22 | | 01 | 1 | TDD | GP | | 24A | | | |
| 46201 | | XA217 | 53 | | XA217 | 56 | | | 16B | 9 | | SPI0022 | 26 | JIEN00 | 01 | 1 | TDD | KQ | | 28B | | | |
| 46146 | | XA217 | 54 | | XA218 | 53 | | | 16B | 9 | | SPI0012 | 08 | | 01 | 1 | TDD | GI | | 25A | | | |
| 44846 | | XA217 | 55 | | | | | | | | | JIEN00 | 03 | JIEN0Q | 00 | 1 | TDD | KQ | | 29B | DATA DETECT COUNT | | |
| 46202 | | XA217 | 56 | | XA217 | 42 | | | 16B | 9 | | SPI0022 | 27 | | 01 | 1 | TDD | GN | | 26A | | | |
| 47794 | | XA217 | 57 | | | | | | | | M | JIENOP | 01 | JIENOP | 00 | 1 | TDD | KP | | 30B | | | |
| 44350 | | XA217 | 58 | | | | | | | | | GND | 01 | | | | TDD | | | 40A | | | |
| 47891 | | XA217 | 59 | | | | | | | | M | JXXRCP | 01 | JXXRCP | 00 | 1 | TDD | JP | | 31B | | | |
| 46113 | | XA217 | 60 | | XA218 | 79 | | | 16B | 9 | | J16MIO | 07 | J16MIO | 01 | 1 | TDD | KN | | 28A | | | |
| 46031 | | XA217 | 61 | | | | | | | | | JXXRCQ | 04 | JXXRCQ | 00 | 1 | TDD | JQ | | 32B | IOU REQUEST CONTROL | | |
| 46145 | | XA217 | 62 | | XA217 | 54 | | | 16B | 9 | | SPI0012 | 07 | JIEN0I | 01 | 1 | TDD | KI | | 29A | | | |
| 46027 | | XA217 | 63 | | | | | | | | | JXXRCA | 02 | JXXRCQ | 01 | 1 | TDD | JQ | | 33B | | | |
| 44835 | | XA217 | 64 | | XA218 | 64 | | | 16B | 9 | | JIENRA | 01 | JIENOP | 01 | 1 | TDD | KP | | 30A | | | |
| 45573 | | XA217 | 65 | | | | | | | | | JXIR1A | 03 | JXXDSQ | 01 | 1 | TDD | MQ | | 34B | | | |
| 45670 | | XA217 | 66 | | XA218 | 73 | | | 16B | 9 | | JXRS0B | 43 | JXXRCP | 01 | 1 | TDD | JP | | 31A | | | |
| 44351 | | XA217 | 67 | | | | | | | | | GND | 01 | | | | TDD | | | 40B | | | |
| 45539 | | XA217 | 68 | | XA218 | 68 | | | 16B | 9 | | JXGN3A | 04 | JXXRCI | 01 | 1 | TDD | JT | | 32A | | | |
| 46021 | | XA217 | 69 | | XA219 | 79 | | | 16B | 9 | | JXXDSP | 01 | JXXDSP | 00 | 1 | TDD | MP | | 35A | | | |
| 46049 | | XA217 | 70 | | | | | | | | | JXXR2P | 03 | JXXRCN | 01 | 1 | TDD | JN | | 33A | | | |
| 45537 | | XA217 | 71 | | XA218 | 71 | | | 16B | 9 | | JXGN3A | 02 | JXXDSI | 01 | 1 | TDD | MI | | 36A | | | |
| 45988 | | XA217 | 72 | | XA217 | 79 | | | 16B | 9 | | JXXC4P | 05 | JXXDSN | 01 | 1 | TDD | MN | | 34A | | | |
| 45672 | | XA217 | 73 | | XA217 | 75 | | | 16B | 9 | | JXRS0B | 45 | JXXDSP | 01 | 1 | TDD | MP | | 36B | | | |
| 47890 | | XA217 | 74 | | | | | | | | M | JXXDSQ | 01 | JXXDSQ | 00 | 1 | TDD | MQ | | 35B | IOU INPUT ITR DATA | | |
| 45673 | | XA217 | 75 | | XA217 | 20 | | | 16B | 9 | | JXRS0B | 46 | JXXDDP | 01 | 1 | TDD | LP | | 37B | | B04 | |
| 45998 | | XA217 | 76 | | | | | | | | | JXXDDP | 05 | JXXDDP | 00 | 1 | TDD | LP | | 37A | | | |
| 45536 | | XA217 | 77 | | XA217 | 71 | | | 16B | 9 | | JXGN3A | 01 | JXXDDI | 01 | 1 | TDD | LI | | 38B | | | |
| 47888 | | XA217 | 78 | | | | | | | | M | JXXDDQ | 01 | JXXDDQ | 00 | 1 | TDD | LQ | | 38A | IOU INPUT DATA CON | | |
| 45989 | | XA217 | 79 | | | | | | | | | JXXC4P | 06 | JXXDDN | 01 | 1 | TDD | LN | | 39B | | | |
| 45992 | | XA217 | 80 | | XA226 | 80 | | | 16B | 9 | | JXXDDA | 01 | JXXDDQ | 01 | 1 | TDD | LQ | | 39A | | | |
| 45378 | | XA218 | 01 | | XA215 | 19 | | | 16B | 9 | | JXCP1B | 22 | JLPT1N | 01 | 1 | TDD | BN | | 02B | | | |
| 44352 | | XA218 | 02 | | | | | | | | | GND | 01 | | | | TDD | | | 01B | | | |
| 46277 | | XA218 | 03 | | XA215 | 36 | | | 16B | 9 | | SPI0052 | 14 | JLPT1Q | 01 | 1 | TDD | BO | | 02A | | C02 | |
| 45678 | | XA218 | 04 | | XA217 | 04 | | | 16B | 9 | | JXRS0B | 51 | JLPT1P | 01 | 1 | TDD | BP | | 04A | | | |
| CONNECTOR (XA218) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA217
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 116

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | FCO NO |
|--|--------|-----------|-----|----|--------|-----------|-----|----|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DR | PREFIX | CONNECTOR | PIN | DR | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 45051 | | XA218 | 05 | | | XA217 | 07 | | | 16B | 9 | | JLPT0Q | 01 | JLPT1I | 01 | 1 | TDD | BI | | 03B | | |
| 46210 | | XA218 | 06 | | | XA220 | 05 | | | 16B | 9 | | SPI0032 | 04 | | 01 | 1 | TDD | AP | | 05A | | |
| 45058 | | XA218 | 07 | | | | | | | | | | JLPT1Q | 02 | JLPT1Q | 00 | 1 | TDD | BQ | | 03A | LOOP TEST COUNTER | |
| 46158 | | XA218 | 08 | | | XA217 | 08 | | | 16B | 9 | | SPI0012 | 20 | | 01 | 1 | TDD | AI | | 06A | | |
| 47807 | | XA218 | 09 | | | | | | | | | M | JLPT1P | 01 | JLPT1P | 00 | 1 | TDD | BP | | 04B | | |
| 46183 | | XA218 | 10 | | | XA217 | 10 | | | 16B | 9 | | SPI0022 | 08 | | 01 | 1 | TDD | AN | | 07A | | |
| 47752 | | XA218 | 11 | | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | AP | | 05B | | |
| 44051 | | XA218 | 12 | | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 47753 | | XA218 | 13 | | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | AQ | | 06B | | |
| 45377 | | XA218 | 14 | | | XA218 | 01 | | | 16B | 9 | | JXCP1B | 21 | JDEV1N | 01 | 1 | TDD | DN | | 09A | | |
| 46261 | | XA218 | 15 | | | XA217 | 15 | | | 16B | 9 | | SPI0042 | 23 | | 01 | 1 | TDD | AQ | | 07B | | |
| 44353 | | XA218 | 16 | | | | | | | | | | GND | 01 | | | | TDD | | | 20B | | |
| 46185 | | XA218 | 17 | | | XA216 | 25 | | | 16B | 9 | | SPI0022 | 10 | JDEV1Q | 01 | 1 | TDD | DQ | | 08B | | |
| 44698 | | XA218 | 18 | | | XA217 | 19 | | | 16B | 9 | | JDEV0Q | 01 | JDEV1I | 01 | 1 | TDD | DI | | 10A | | |
| 44704 | | XA218 | 19 | | | | | | | | | | JDEV1Q | 02 | JDEV1Q | 00 | 1 | TDD | DQ | | 09B | END INPUT COUNTER | |
| 45676 | | XA218 | 20 | | | XA218 | 22 | | | 16B | 9 | | JXRS0B | 49 | JDEV1P | 01 | 1 | TDD | DP | | 11A | | |
| 47791 | | XA218 | 21 | | | | | | | | | M | JDEV1P | 01 | JDEV1P | 00 | 1 | TDD | DP | | 10B | | |
| 45677 | | XA218 | 22 | | | XA218 | 04 | | | 16B | 9 | | JXRS0B | 50 | JPOUTP | 01 | 1 | TDD | CP | | 12A | | |
| 47811 | | XA218 | 23 | | | | | | | | | M | JPOUTP | 01 | JPOUTP | 00 | 1 | TDD | CP | | 11B | | |
| 45075 | | XA218 | 24 | | | XA220 | 19 | | | 16B | 9 | | JPDT9Q | 01 | JPOUTI | 01 | 1 | TDD | CI | | 13A | A03 | |
| 45092 | | XA218 | 25 | | | | | | | | | | JPOUTQ | 02 | JPOUTQ | 00 | 1 | TDD | CO | | 12B | | |
| 45406 | | XA218 | 26 | | | XA215 | 26 | | | 16B | 9 | | JXCP3B | 21 | JPOUTN | 01 | 1 | TDD | CN | | 14A | | |
| 46152 | | XA218 | 27 | | | XA219 | 26 | | | 16B | 9 | | SPI0012 | 14 | JPOUTQ | 01 | 1 | TDD | CQ | | 13B | | |
| 44052 | | XA218 | 28 | | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 44821 | | XA218 | 29 | | | XA220 | 55 | | | 16B | 9 | | JETX1A | 02 | JPETXQ | 01 | 1 | TDD | FQ | | 14B | | |
| 46260 | | XA218 | 30 | | | XA218 | 15 | | | 16B | 9 | | SPI0042 | 22 | JPETXN | 01 | 1 | TDD | FN | | 15A | | |
| 45078 | | XA218 | 31 | | | | | | | | | | JPETXQ | 02 | JPETXQ | 00 | 1 | TDD | FQ | | 15B | EXT ON INPUT COMMA | |
| 44354 | | XA218 | 32 | | | | | | | | | | GND | 01 | | | | TDD | | | 21B | | |
| 47809 | | XA218 | 33 | | | | | | | | | M | JPETXP | 01 | JPETXP | 00 | 1 | TDD | FP | | 16B | | |
| 46216 | | XA218 | 34 | | | XA217 | 34 | | | 16B | 9 | | SPI0032 | 10 | JPETXI | 01 | 1 | TDD | FI | | 16A | | |
| 47810 | | XA218 | 35 | | | | | | | | | M | JPE0BP | 01 | JPE0BP | 00 | 1 | TDD | EP | | 17B | | |
| 45134 | | XA218 | 36 | | | XA218 | 38 | | | 16B | 9 | | JRS0A | 02 | JPETXP | 01 | 1 | TDD | EP | | 17A | | |
| 45080 | | XA218 | 37 | | | | | | | | | | JPE0BQ | 02 | JPE0BQ | 00 | 1 | TDD | EQ | | 18B | EOB ON INPUT COMMA | |
| 45135 | | XA218 | 38 | | | XA217 | 38 | | | 16B | 9 | | JRS0A | 03 | JPE0BP | 01 | 1 | TDD | EP | | 18A | | |
| 44633 | | XA218 | 39 | | | XA213 | 73 | | | 16B | 9 | | JATERA | 03 | JPE0BQ | 01 | 1 | TDD | EQ | | 19B | | |
| 46149 | | XA218 | 40 | | | XA217 | 40 | | | 16B | 9 | | SPI0012 | 11 | JPE0BI | 01 | 1 | TDD | EI | | 19A | | |
| 46303 | | XA218 | 41 | | | XA217 | 41 | | | 16B | 9 | | SPI0082 | 02 | | 01 | 1 | TDD | HQ | | 22B | | |
| 46204 | | XA218 | 42 | | | XA218 | 56 | | | 16B | 9 | | SPI0022 | 29 | JPE0BN | 01 | 1 | TDD | EN | | 20A | | |
| 47754 | | XA218 | 43 | | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | HQ | | 23B | | |
| 44355 | | XA218 | 44 | | | | | | | | | | GND | 01 | | | | TDD | | | 27A | | |
| 47755 | | XA218 | 45 | | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | HP | | 24B | | |
| 46288 | | XA218 | 46 | | | XA217 | 46 | | | 16B | 9 | | SPI0062 | 10 | | 01 | 1 | TDD | HN | | 21A | | |
| 47756 | | XA218 | 47 | | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | GP | | 25B | | |
| 46272 | | XA218 | 48 | | | XA217 | 48 | | | 16B | 9 | | SPI0052 | 09 | | 01 | 1 | TDD | HI | | 22A | | |
| 47757 | | XA218 | 49 | | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | GQ | | 26B | | |
| 46300 | | XA218 | 50 | | | | | | | | | | SPI0072 | 10 | | 01 | 1 | TDD | HP | | 23A | C02 | |
| 46253 | | XA218 | 51 | | | XA217 | 51 | | | 16B | 9 | | SPI0042 | 15 | | 01 | 1 | TDD | GQ | | 27B | | |
| 46229 | | XA218 | 52 | | | XA220 | 59 | | | 16B | 9 | | SPI0032 | 23 | | 01 | 1 | TDD | GP | | 24A | | |
| 46147 | | XA218 | 53 | | | XA218 | 54 | | | 16B | 9 | | SPI0012 | 09 | J1EN1Q | 01 | 1 | TDD | KQ | | 28B | | |
| 46148 | | XA218 | 54 | | | XA218 | 40 | | | 16B | 9 | | SPI0012 | 10 | | 01 | 1 | TDD | GI | | 25A | | |
| CONNECTOR (XA218) CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA218
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 117

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------------|------|-------|-------|--------|---------|----------|--------|--------|------------------|-------|---------------------|--------------------|---------------------|--------------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 47795 | | XA218 | 55 | | | | | | | | M | J1EN1Q | 01 | J1EN1Q | 00 | 1 | TDD | KQ | 29B | DATA DETECT COUNT | |
| 46205 | | XA218 | 56 | | XA220 | 57 | | 16B | 9 | | | SPI0022 | 30 | | 01 | 1 | TDD | GN | 26A | | |
| 44856 | | XA218 | 57 | | XA224 | 70 | | 16B | 9 | | | J1EN1P | 01 | J1EN1P | 00 | 1 | TDD | KP | 30B | | |
| 44356 | | XA218 | 58 | | | | | | | | | GND | 01 | | | | | TDD | | 40A | |
| 46036 | | XA218 | 59 | | | | | | | | | JXXREP | 03 | JXXREP | 00 | 1 | TDD | JP | 31B | | |
| 46112 | | XA218 | 60 | | XA217 | 60 | | 16B | 9 | | | J16M10 | 06 | J1EN1N | 01 | 1 | TDD | KN | 28A | | |
| 46038 | | XA218 | 61 | | | | | | | | | JXXREQ | 02 | JXXREQ | 00 | 1 | TDD | JO | 32B | IOU REQUEST ENABLE | |
| 44845 | | XA218 | 62 | | XA217 | 55 | | 16B | 9 | | | J1EN0Q | 02 | J1EN1I | 01 | 1 | TDD | KI | 29A | | |
| 46040 | | XA218 | 63 | | | | | | | | | JXXROP | 02 | JXXREQ | 01 | 1 | TDD | JO | 33B | | |
| 44836 | | XA218 | 64 | | XA223 | 63 | | 16B | 9 | | | J1ENRA | 02 | J1EN1P | 01 | 1 | TDD | KP | 30A | | |
| 46002 | | XA218 | 65 | | | | | | | | | JXXDIA | 02 | JXXDIO | 01 | 1 | TDD | MQ | 34B | | |
| 45669 | | XA218 | 66 | | XA217 | 66 | | 16B | 9 | | | JXRS1B | 42 | JXXREP | 01 | 1 | TDD | JP | 31A | | |
| 44357 | | XA218 | 67 | | | | | | | | | GND | 01 | | | | | TDD | | 40B | |
| 45540 | | XA218 | 68 | | XA226 | 51 | | 16B | 9 | | | JX3N3A | 05 | JXXREI | 01 | 1 | TDD | JT | 32A | | |
| 46003 | | XA218 | 69 | | XA219 | 77 | | 16B | 9 | | | JX4DIP | 01 | JXXDIP | 00 | 1 | TDD | MP | 35A | | |
| 45484 | | XA218 | 70 | | XA223 | 76 | | 16B | 9 | | | JX5A0A | 01 | JXXREN | 01 | 1 | TDD | JN | 33A | | |
| 45538 | | XA218 | 71 | | XA217 | 68 | | 16B | 9 | | | JXGN3A | 03 | JXXDII | 01 | 1 | TDD | MI | 36A | | |
| 45987 | | XA218 | 72 | | XA217 | 72 | | 16B | 9 | | | JXXC4P | 04 | JXXDIN | 01 | 1 | TDD | MN | 34A | | |
| 45671 | | XA218 | 73 | | XA217 | 73 | | 16B | 9 | | | JXRS0B | 44 | JXXDIP | 01 | 1 | TDD | MP | 36B | | |
| 47889 | | XA218 | 74 | | | | | | | | M | JXXDIO | 01 | JXXDIO | 00 | 1 | TDD | MQ | 35B | IOU INPUT INTERRUPT | |
| 45966 | | XA218 | 75 | | | | | | | | | JXXCRO | 06 | JXXC1P | 01 | 1 | TDD | LP | 37B | | |
| 47886 | | XA218 | 76 | | | | | | | | M | JXXC1P | 01 | JXXC1P | 00 | 1 | TDD | LP | 37A | | |
| 45972 | | XA218 | 77 | | XA230 | 49 | | 16B | 9 | | | JXXC0Q | 01 | JXXC1I | 01 | 1 | TDD | LI | 38B | | |
| 45975 | | XA218 | 78 | | | | | | | | | JXXC1Q | 02 | JXXC1Q | 00 | 1 | TDD | LQ | 38A | | |
| 46114 | | XA218 | 79 | | | | | | | | | J16M10 | 08 | JXXC1N | 01 | 1 | TDD | LN | 39B | | |
| 46139 | | XA218 | 80 | | XA213 | 75 | | 16B | 9 | | | SPI0012 | 01 | JXXC1Q | 01 | 1 | TDD | LQ | 39A | | |
| 44924 | | XA219 | 01 | | XA231 | 75 | | 16B | 9 | | | JK03E0 | 02 | JK03E0 | 00 | 1 | T02 | A2 | 02B | STATE E OF KK03 B1 | |
| 44358 | | XA219 | 02 | | | | | | | | | GND | 01 | | | | | T02 | | | 01A |
| 44934 | | XA219 | 03 | | XA234 | 29 | | 16B | 9 | | | JK0307T | 01 | JK03F0 | 01 | 1 | T02 | A3 | 02A | | |
| 44933 | | XA219 | 04 | | | | | | | | | JK0306T | 02 | JK03E0 | 01 | 1 | T02 | A2 | 04A | | |
| 46156 | | XA219 | 05 | | XA219 | 07 | | 16B | 9 | | | SPI0012 | 18 | JK03E0 | 01 | 2 | T02 | A2 | 03B | | |
| 44921 | | XA219 | 06 | | XA231 | 64 | | 16B | 9 | | | JK03D0 | 01 | JK03D0 | 00 | 1 | T02 | A1 | 05A | STATE D OF KK03 B1 | |
| 46157 | | XA219 | 07 | | XA218 | 08 | | 16B | 9 | | | SPI0012 | 19 | JK03F0 | 01 | 2 | T02 | A3 | 03A | | |
| 44930 | | XA219 | 08 | | XA234 | 23 | | 16B | 9 | | | JK0305T | 01 | JK03D0 | 01 | 1 | T02 | A1 | 04A | | |
| 44926 | | XA219 | 09 | | XA213 | 06 | | 16B | 9 | | | JK03F0 | 01 | JK03F0 | 00 | 1 | T02 | A3 | 04B | STATE F OF KK03 B1 | |
| 46154 | | XA219 | 10 | | XA219 | 05 | | 16B | 9 | | | SPI0012 | 16 | JK03D0 | 01 | 2 | T02 | A1 | 07A | | |
| 46155 | | XA219 | 11 | | | | | | | | | JKTC10 | 02 | JKTC1A | 01 | 1 | T02 | A4 | 05B | | C02 |
| 44053 | | XA219 | 12 | | | | | | | | | +5V | 01 | | | | | T02 | | | C02 |
| 46182 | | XA219 | 13 | | XA218 | 10 | | 16B | 9 | | | SPI0022 | 07 | JKTC1A | 01 | 2 | T02 | A4 | 06B | KK12 STATE 1 | C02 |
| 45020 | | XA219 | 14 | | | | | | | | | JK1210 | 02 | JK1210 | 00 | 1 | T02 | B2 | 09A | | |
| 47758 | | XA219 | 15 | | XA217 | 27 | | 16B | 9 | | | JKTC1A | 01 | JKTC1A | 00 | 1 | T02 | A4 | 07B | | C02 |
| 44359 | | XA219 | 16 | | | | | | | | | GND | 01 | | | | | T02 | | 01B | |
| 45004 | | XA219 | 17 | | | | | | | | | JK1202T | 02 | JK1220 | 01 | 1 | T02 | B3 | 08B | | |
| 45001 | | XA219 | 18 | | XA233 | 10 | | 16B | 9 | | | JK1201T | 01 | JK1210 | 01 | 1 | T02 | B2 | 10A | | |
| 46338 | | XA219 | 19 | | XA219 | 25 | | 16B | 9 | | | SPI0132 | 11 | JK1220 | 01 | 2 | T02 | B3 | 09B | | |
| 46337 | | XA219 | 20 | | XA219 | 19 | | 16B | 9 | | | SPI0132 | 10 | JK1210 | 01 | 2 | T02 | B2 | 11A | | |
| 45021 | | XA219 | 21 | | XA221 | 20 | | 16B | 9 | | | JK1220 | 01 | JK1220 | 00 | 1 | T02 | B3 | 10B | KK12 STATE 2 | |
| 44998 | | XA219 | 22 | | | | | | | | | JK1200 | 02 | JK1200 | 00 | 1 | T02 | B1 | 12A | | KK12 STATE 0 |
| CONNECTOR (XA219) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA219
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 118

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SFC INST. WIRE | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|------|-------------|------|-------|----------------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SIZE | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 45005 | | XA219 | 23 | | XA233 | 13 | | | 16B | 9 | | JK1203T | 01 | JK1230 | 01 | 1 | TQ2 | B4 | | 11B | | |
| 45000 | | XA219 | 24 | | | | | | | | | JK1200T | 02 | JK1200 | 01 | 1 | TQ2 | B1 | | 13A | | |
| 46339 | | XA219 | 25 | | XA219 | 31 | | | 16B | 9 | | SPI0132 | 12 | JK1230 | 01 | 2 | TQ2 | B4 | | 12B | | |
| 46153 | | XA219 | 26 | | XA219 | 10 | | | 16B | 9 | | SPI0012 | 15 | JK1200 | 01 | 2 | TQ2 | B1 | | 14A | | |
| 45024 | | XA219 | 27 | | | | | | | | | JK1230 | 02 | JK1230 | 00 | 1 | TQ2 | B4 | | 13B | KK12 STATE 3 | |
| 44054 | | XA219 | 28 | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 45012 | | XA219 | 29 | | | | | | | | | JK1206T | 02 | JK1260 | 01 | 1 | TQ2 | C3 | | 14B | | |
| 45028 | | XA219 | 30 | | | | | | | | | JK1250 | 02 | JK1250 | 00 | 1 | TQ2 | C2 | | 15A | KK12 STATE 5 | |
| 46340 | | XA219 | 31 | | XA219 | 36 | | | 16B | 9 | | SPI0132 | 13 | JK1260 | 01 | 2 | TQ2 | C3 | | 15B | | |
| 44360 | | XA219 | 32 | | | | | | | | | GND | 01 | | | | TQ2 | | | 20B | | |
| 45029 | | XA219 | 33 | | XA221 | 05 | | | 16B | 9 | | JK1260 | 01 | JK1260 | 00 | 1 | TQ2 | C3 | | 16B | KK12 STATE 6 | |
| 45009 | | XA219 | 34 | | XA233 | 07 | | | 16B | 9 | | JK1205T | 01 | JK1250 | 01 | 1 | TQ2 | C2 | | 16A | | |
| 45013 | | XA219 | 35 | | XA233 | 11 | | | 16B | 9 | | JK1207T | 01 | JK1270 | 01 | 1 | TQ2 | C4 | | 17B | | |
| 46341 | | XA219 | 36 | | XA219 | 37 | | | 16B | 9 | | SPI0132 | 14 | JK1250 | 01 | 2 | TQ2 | C2 | | 17A | | |
| 46342 | | XA219 | 37 | | XA219 | 43 | | | 16B | 9 | | SPI0132 | 15 | JK1270 | 01 | 2 | TQ2 | C4 | | 18B | | |
| 45025 | | XA219 | 38 | | XA221 | 13 | | | 16B | 9 | | JK1240 | 01 | JK1240 | 00 | 1 | TQ2 | C1 | | 18A | KK12 STATE 4 | |
| 45032 | | XA219 | 39 | | | | | | | | | JK1270 | 02 | JK1270 | 00 | 1 | TQ2 | C4 | | 19B | KK12 STATE 7 | |
| 45008 | | XA219 | 40 | | | | | | | | | JK1204T | 02 | JK1240 | 01 | 1 | TQ2 | C1 | | 19A | | |
| 44994 | | XA219 | 41 | | XA234 | 62 | | | 16B | 9 | | JK1284U | 02 | JK150A | 01 | 1 | TQ2 | D3 | | 22B | | |
| 46344 | | XA219 | 42 | | XA219 | 50 | | | 16B | 9 | | SPI0132 | 17 | JK1240 | 01 | 2 | TQ2 | C1 | | 20A | | |
| 46343 | | XA219 | 43 | | XA219 | 42 | | | 16B | 9 | | SPI0132 | 16 | JK150A | 01 | 2 | TQ2 | D3 | | 23B | | |
| 44361 | | XA219 | 44 | | | | | | | | | GND | 01 | | | | TQ2 | | | 21B | | |
| 45044 | | XA219 | 45 | | XA217 | 26 | | | 16B | 9 | | JK150A | 01 | JK150A | 00 | 1 | TQ2 | D3 | | 24B | | |
| 45041 | | XA219 | 46 | | XA231 | 60 | | | 16B | 9 | | JK1290 | 06 | JK1290 | 00 | 1 | TQ2 | D2 | | 21A | KK12 STATE 9 | |
| 44703 | | XA219 | 47 | | XA218 | 19 | | | 16B | 9 | | JDEV1Q | 01 | JDEV0A | 01 | 1 | TQ2 | D4 | | 25B | | |
| 45017 | | XA219 | 48 | | XA233 | 18 | | | 16B | 9 | | JK1209T | 01 | JK1290 | 01 | 1 | TQ2 | D2 | | 22A | | |
| 45393 | | XA219 | 49 | | XA221 | 49 | | | 16B | 9 | | JXCP3B | 08 | JDEV0A | 01 | 2 | TQ2 | D4 | | 26B | | |
| 46345 | | XA219 | 50 | | XA219 | 55 | | | 16B | 9 | | SPI0132 | 18 | JK1290 | 01 | 2 | TQ2 | D2 | | 23A | | |
| 44695 | | XA219 | 51 | | XA221 | 43 | | | 16B | 9 | | JDEV0A | 02 | JDEV0A | 00 | 1 | TQ2 | D4 | | 27B | | |
| 45035 | | XA219 | 52 | | | | | | | | | JK1280 | 03 | JK1280 | 00 | 1 | TQ2 | D1 | | 24A | KK12 STATE 8 | |
| 44951 | | XA219 | 53 | | | | | | | | | JK08B2U | 03 | JK090A | 01 | 1 | TQ2 | E3 | | 28B | | |
| 45016 | | XA219 | 54 | | | | | | | | | JK1208T | 02 | JK1280 | 01 | 1 | TQ2 | D1 | | 25A | | |
| 46346 | | XA219 | 55 | | XA219 | 56 | | | 16B | 9 | | SPI0132 | 19 | JK090A | 01 | 2 | TQ2 | E3 | | 29B | | |
| 46347 | | XA219 | 56 | | XA220 | 61 | | | 16B | 9 | | SPI0132 | 20 | JK1280 | 01 | 2 | TQ2 | D1 | | 26A | | |
| 44982 | | XA219 | 57 | | XA215 | 10 | | | 16B | 9 | | JK090A | 01 | JK090A | 00 | 1 | TQ2 | E3 | | 30B | | |
| 44362 | | XA219 | 58 | | | | | | | | | GND | 01 | | | | TQ2 | | | 27A | | |
| 44760 | | XA219 | 59 | | | | | | | | | JDOUTQ | 08 | JXDV2A | 01 | 1 | TQ2 | E4 | | 31B | | |
| 44975 | | XA219 | 60 | | XA215 | 13 | | | 16B | 9 | | JK08QA | 01 | JK08QA | 00 | 1 | TQ2 | E2 | | 28A | | |
| 45479 | | XA219 | 61 | | | | | | | | | JXDV20 | 02 | JXDV2A | 01 | 2 | TQ2 | E4 | | 32B | | |
| 44956 | | XA219 | 62 | | XA224 | 56 | | | 16B | 9 | | JK08B1U | 01 | JK08QA | 01 | 1 | TQ2 | E2 | | 29A | | |
| 45476 | | XA219 | 63 | | XA213 | 54 | | | 16B | 9 | | JXDV2A | 01 | JXDV2A | 00 | 1 | TQ2 | E4 | | 33B | | |
| 46349 | | XA219 | 64 | | XA219 | 70 | | | 16B | 9 | | SPI0132 | 22 | JK08QA | 01 | 2 | TQ2 | E2 | | 30A | | |
| 45097 | | XA219 | 65 | | | | | | | | | JRTDEA | 02 | JXXDD0 | 01 | 1 | TQ2 | F3 | | 34B | | A03 |
| 44818 | | XA219 | 66 | | XA220 | 60 | | | 16B | 9 | | JETX00 | 01 | JETX00 | 00 | 1 | TQ2 | F1 | | 31A | | |
| 44363 | | XA219 | 67 | | | | | | | | | GND | 01 | | | | TQ2 | | | 40A | | |
| 44816 | | XA219 | 68 | | XA214 | 47 | | | 16B | 9 | | JETX0A | 01 | JETX00 | 01 | 1 | TQ2 | F1 | | 32A | | |
| 45999 | | XA219 | 69 | | XA226 | 76 | | | 16B | 9 | | JXXDD0 | 01 | JXXDD0 | 00 | 1 | TQ2 | F3 | | 35A | | |
| 46350 | | XA219 | 70 | | XA219 | 73 | | | 16B | 9 | | SPI0132 | 23 | JETX00 | 01 | 2 | TQ2 | F1 | | 33A | | |
| 45137 | | XA219 | 71 | | XA220 | 74 | | | 16B | 9 | | JRS00 | 01 | JRS0A | 01 | 1 | TQ2 | F2 | | 36A | | |
| 45133 | | XA219 | 72 | | XA218 | 36 | | | 16B | 9 | | JRS0A | 01 | JRS0A | 00 | 1 | TQ2 | F2 | | 34A | | |
| CONNECTOR XA219 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA219
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 119

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|------|--------|-----------|-----|------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SPEC | PREFIX | CONNECTOR | PIN | SPEC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 46351 | | XA219 | 73 | | XA219 | 78 | | | 16B | 9 | | | SPI0132 | 24 | JRS0A | 01 | 2 | TQ2 | F2 | | 36B | | |
| 45064 | | XA219 | 74 | | XA227 | 69 | | | 16B | 9 | | | JLTE0A | 01 | JXXDD0 | 01 | 2 | TQ2 | F3 | | 35B | | |
| 45421 | | XA219 | 75 | | XA216 | 66 | | | 16B | 9 | | | JXDBS0 | 01 | JXDBS0 | 00 | 1 | TQ2 | F1 | | 37B | INPUT MUX STATUS | |
| 45968 | | XA219 | 76 | | | | | | | | | | JXXCSA | 02 | JXXCS0 | 01 | 1 | TQ2 | F4 | | 37A | | |
| 46004 | | XA219 | 77 | | XA224 | 78 | | | 16B | 9 | | | JXXDIP | 02 | JXDBS0 | 01 | 1 | TQ2 | F1 | | 38B | | |
| 46352 | | XA219 | 78 | | XA220 | 75 | | | 16B | 9 | | | SPI0132 | 25 | JXXCS0 | 01 | 2 | TQ2 | F4 | | 38A | | |
| 46022 | | XA219 | 79 | | XA225 | 70 | | | 16B | 9 | | | JXXDSP | 02 | JXDBS0 | 01 | 2 | TQ2 | F1 | | 39B | | |
| 45971 | | XA219 | 80 | | | | | | | | | | JXXCS0 | 03 | JXXCS0 | 00 | 1 | TQ2 | F4 | | 39A | | |
| 46331 | | XA220 | 01 | | XA222 | 05 | | | 16B | 9 | | | SPI0132 | 04 | | 01 | 1 | TT3 | A2 | | 02B | | |
| 44364 | | XA220 | 02 | | | | | | | | | | GND | 01 | | | | TT3 | | | 01B | | |
| 46180 | | XA220 | 03 | | XA220 | 09 | | | 16B | 9 | | | SPI0022 | 05 | | 01 | 2 | TT3 | A2 | | 02A | | |
| 44569 | | XA220 | 04 | | | | | | | | | | JAEB0A | 02 | JAEB0A | 00 | 1 | TT3 | A1 | | 04A | SET OUTPUT COMMAND | |
| 46211 | | XA220 | 05 | | XA220 | 11 | | | 16B | 9 | | | SPI0032 | 05 | | 01 | 3 | TT3 | A2 | | 03B | | |
| 44756 | | XA220 | 06 | | XA215 | 22 | | | 16B | 9 | | | JDOU0 | 04 | JAEB0A | 01 | 1 | TT3 | A1 | | 05A | | |
| 47759 | | XA220 | 07 | | | | | | | | | | SPO | 01 | | 00 | 1 | TT3 | A2 | | 03A | | |
| 45501 | | XA220 | 08 | | | | | | | | | | JXER1Q | 04 | JAEB0A | 01 | 2 | TT3 | A1 | | 06A | | |
| 46181 | | XA220 | 09 | | XA219 | 13 | | | 16B | 9 | | | SPI0022 | 06 | | 01 | 1 | TT3 | A3 | | 04B | | |
| 45403 | | XA220 | 10 | | XA222 | 10 | | | 16B | 9 | | | JXCP3B | 18 | JAEB0A | 01 | 3 | TT3 | A1 | | 07A | | |
| 46212 | | XA220 | 11 | | XA220 | 24 | | | 16B | 9 | | | SPI0032 | 06 | | 01 | 2 | TT3 | A3 | | 05B | A03 | |
| 44055 | | XA220 | 12 | | | | | | | | | | +5V | 01 | | | | TT3 | | | | | |
| 46335 | | XA220 | 13 | | XA219 | 20 | | | 16B | 9 | | | SPI0132 | 08 | | 01 | 3 | TT3 | A3 | | 06B | C02 | |
| 46334 | | XA220 | 14 | | | | | | | | | | JPDT9A | 02 | JPDT90 | 01 | 1 | TT3 | B2 | | 09A | A03 | |
| 47760 | | XA220 | 15 | | | | | | | | | | SPO | 01 | | 00 | 1 | TT3 | A3 | | 07B | | |
| 44365 | | XA220 | 16 | | | | | | | | | | GND | 01 | | | | TT3 | | | 21B | | |
| 46213 | | XA220 | 17 | | | | | | | | | | JPDT8A | 02 | JPDT90 | 01 | 2 | TT3 | B2 | | 08B | A03 | |
| 46179 | | XA220 | 18 | | | | | | | | | | JOUT0A | 02 | JPDT90 | 01 | 3 | TT3 | B2 | | 10A | A03 | |
| 47761 | | XA220 | 19 | | | | | | | | | | JPDT90 | 02 | JPDT90 | 00 | 1 | TT3 | B2 | | 09B | SERIAL OUTPUT DATA | |
| 47762 | | XA220 | 20 | | | | | | | | | | SPO | 01 | | 00 | 1 | TT3 | B1 | | 11A | | |
| 46336 | | XA220 | 21 | | XA214 | 76 | | | 16B | 9 | | | JIEN0A | 005 | JKTC10 | 01 | 1 | TT3 | B3 | | 10B | C02 | |
| 46178 | | XA220 | 22 | | XA220 | 03 | | | 16B | 9 | | | SPI0022 | 03 | | 01 | 1 | TT3 | B1 | | 12A | A03 | |
| 46215 | | XA220 | 23 | | | | | | | | | | JXRS0B | 53 | JKTC10 | 01 | 2 | TT3 | B3 | | 11B | C02 | |
| 46214 | | XA220 | 24 | | XA218 | 34 | | | 16B | 9 | | | SPI0032 | 08 | | 01 | 2 | TT3 | B1 | | 13A | C02 | |
| 46177 | | XA220 | 25 | | XA220 | 22 | | | 16B | 9 | | | SPI0022 | 02 | JKTC10 | 01 | 3 | TT3 | B3 | | 12B | C02 | |
| 46330 | | XA220 | 26 | | XA220 | 01 | | | 16B | 9 | | | SPI0132 | 03 | | 01 | 3 | TT3 | B1 | | 14A | C02 | |
| 47763 | | XA220 | 27 | | XA219 | 11 | | | 16B | 9 | | | JKTC10 | 01 | JKTC10 | 00 | 1 | TT3 | B3 | | 13B | C02 | |
| 44056 | | XA220 | 28 | | | | | | | | | | +5V | 01 | | | | TT3 | | | | | |
| 44642 | | XA220 | 29 | | XA213 | 31 | | | 16B | 9 | | | JA0ENS | 03 | JA0ENR | 01 | 1 | TT3 | C2 | | 14B | | |
| 44646 | | XA220 | 30 | | XA213 | 23 | | | 16B | 9 | | | JA0ERA | 01 | JA0ENR | 01 | 2 | TT3 | C2 | | 15A | | |
| 44637 | | XA220 | 31 | | XA221 | 34 | | | 16B | 9 | | | JA0ENR | 01 | JA0ENR | 00 | 1 | TT3 | C2 | | 15B | | |
| 44366 | | XA220 | 32 | | | | | | | | | | GND | 01 | | | | TT3 | | | 27A | | |
| 44586 | | XA220 | 33 | | | | | | | | | | JAEN1S | 03 | JAEN1R | 01 | 1 | TT3 | C3 | | 16B | | |
| 45664 | | XA220 | 34 | | XA220 | 42 | | | 16B | 9 | | | JXRS0B | 37 | JA0ENR | 01 | 3 | TT3 | C2 | | 16A | | |
| 44595 | | XA220 | 35 | | XA222 | 38 | | | 16B | 9 | | | JAEN3A | 01 | JAEN1R | 01 | 2 | TT3 | C3 | | 17B | | |
| 44612 | | XA220 | 36 | | | | | | | | | | JA00BR | 02 | JA00BR | 00 | 1 | TT3 | C1 | | 17A | | |
| 45663 | | XA220 | 37 | | XA220 | 34 | | | 16B | 9 | | | JXRS0B | 36 | JAEN1R | 01 | 3 | TT3 | C3 | | 18B | | |
| 44614 | | XA220 | 38 | | XA221 | 38 | | | 16B | 9 | | | JA00BS | 02 | JA00BR | 01 | 1 | TT3 | C1 | | 18A | | |
| 44582 | | XA220 | 39 | | XA221 | 29 | | | 16B | 9 | | | JAEN1R | 01 | JAEN1R | 00 | 1 | TT3 | C3 | | 19B | | |
| 44566 | | XA220 | 40 | | XA213 | 11 | | | 16B | 9 | | | JA0BRA | 01 | JA00BR | 01 | 2 | TT3 | C1 | | 19A | | |
| CONNECTOR XA220 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA220
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 120

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|--------|---------|----------|--------|--------|------------------|-------|---------------------|--------------------|--------------------|--------------------|
| | PREFIX | CONNECTOR | PIN | SK FC | PREFIX | CONNECTOR | PIN | SK FC | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 44599 | | XA220 | 41 | | | XA221 | 46 | | | 16B | 9 | | JAEN3S | 01 | JAEN3R | 01 | 1 | TT3 | D2 | | 22B | |
| 45665 | | XA220 | 42 | | | XA222 | 43 | | | 16B | 9 | | JXRS0B | 38 | JAEOBR | 01 | 3 | TT3 | C1 | | 20A | |
| 44598 | | XA220 | 43 | | | | | | | | | | JAEN3R | 02 | JAEN3R | 00 | 1 | TT3 | D2 | | 23B | |
| 44367 | | XA220 | 44 | | | | | | | | | | GND | 01 | | | | TT3 | | | 40A | |
| 44712 | | XA220 | 45 | | | | | | | | | | JDEV2S | 03 | JDEV2R | 01 | 1 | TT3 | D3 | | 24B | |
| 44609 | | XA220 | 46 | | | XA222 | 39 | | | 16B | 9 | | JAEN7A | 01 | JAEN3R | 01 | 2 | TT3 | D2 | | 21A | |
| 44702 | | XA220 | 47 | | | | | | | | | | JDEV1A | 03 | JDEV2R | 01 | 2 | TT3 | D3 | | 25B | |
| 45661 | | XA220 | 48 | | | XA220 | 49 | | | 16B | 9 | | JXRS0B | 34 | JAEN3R | 01 | 3 | TT3 | D2 | | 22A | |
| 45662 | | XA220 | 49 | | | XA220 | 37 | | | 16B | 9 | | JXRS0B | 35 | JDEV2R | 01 | 3 | TT3 | D3 | | 26B | |
| 44589 | | XA220 | 50 | | | XA221 | 54 | | | 16B | 9 | | JAEN2R | 01 | JAEN2R | 00 | 1 | TT3 | D1 | | 23A | |
| 44708 | | XA220 | 51 | | | XA222 | 54 | | | 16B | 9 | | JDEV2R | 02 | JDEV2R | 00 | 1 | TT3 | D3 | | 27B | |
| 44594 | | XA220 | 52 | | | | | | | | | | JAEN2S | 03 | JAEN2R | 01 | 1 | TT3 | D1 | | 24A | |
| 44863 | | XA220 | 53 | | | | | | | | | | JTEN1S | 04 | JETX1A | 01 | 1 | TT3 | E2 | | 28B | |
| 44604 | | XA220 | 54 | | | XA222 | 60 | | | 16B | 9 | | JAEN5A | 01 | JAEN2R | 01 | 2 | TT3 | D1 | | 25A | |
| 44822 | | XA220 | 55 | | | XA225 | 62 | | | 16B | 9 | | JETX1A | 03 | JETX1A | 00 | 1 | TT3 | E2 | | 29B | EXT CHARACTER STRG |
| 45660 | | XA220 | 56 | | | XA220 | 48 | | | 16B | 9 | | JXRS0B | 33 | JAEN2R | 01 | 3 | TT3 | D1 | | 26A | |
| 45206 | | XA220 | 57 | | | | | | | | | | SPIO022 | 31 | | 01 | 1 | TT3 | E3 | | 30B | |
| 44368 | | XA220 | 58 | | | | | | | | | | GND | 01 | | | | TT3 | | | 40B | |
| 46230 | | XA220 | 59 | | | XA220 | 79 | | | 16B | 9 | | SPIO032 | 24 | | 01 | 2 | TT3 | E3 | | 31B | |
| 44819 | | XA220 | 60 | | | | | | | | | | JETX00 | 02 | JETX1A | 01 | 2 | TT3 | E2 | | 28A | |
| 46348 | | XA220 | 61 | | | XA219 | 64 | | | 16B | 9 | | SPIO132 | 21 | | 01 | 3 | TT3 | E3 | | 32B | |
| 45392 | | XA220 | 62 | | | XA219 | 49 | | | 16B | 9 | | JXCP3B | 07 | JETX1A | 01 | 3 | TT3 | E2 | | 29A | |
| 47764 | | XA220 | 63 | | | | | | | | | | SPO | 01 | | 00 | 1 | TT3 | E3 | | 33B | |
| 44716 | | XA220 | 64 | | | | | | | | | | JDEV3R | 02 | JDEV3R | 00 | 1 | TT3 | E1 | | 30A | |
| 45119 | | XA220 | 65 | | | XA223 | 36 | | | 16B | 9 | | JSNC2A | 01 | JRS00 | 01 | 1 | TT3 | F2 | | 34B | |
| 44717 | | XA220 | 66 | | | XA221 | 47 | | | 16B | 9 | | JDEV3S | 01 | JDEV3R | 01 | 1 | TT3 | E1 | | 31A | |
| 44369 | | XA220 | 67 | | | | | | | | | | GND | 01 | | | | TT3 | | | | |
| 44713 | | XA220 | 68 | | | XA221 | 39 | | | 16B | 9 | | JDEV3A | 01 | JDEV3R | 01 | 2 | TT3 | E1 | | 32A | |
| 44671 | | XA220 | 69 | | | XA221 | 65 | | | 16B | 9 | | JDAINQ | 05 | JRTDEA | 01 | 1 | TT3 | F3 | | 35A | |
| 45667 | | XA220 | 70 | | | XA220 | 72 | | | 16B | 9 | | JXRS0B | 40 | JDEV3R | 01 | 3 | TT3 | E1 | | 33A | |
| 45062 | | XA220 | 71 | | | | | | | | | | JXODRA | 03 | JRS00 | 01 | 2 | TT3 | F2 | | 36A | |
| 45668 | | XA220 | 72 | | | XA218 | 66 | | | 16B | 9 | | JXRS0B | 41 | JRS00 | 01 | 3 | TT3 | F2 | | 34A | |
| 47765 | | XA220 | 73 | | | | | | | | | | SPO | 01 | | 00 | 1 | TT3 | F1 | | 36B | |
| 45138 | | XA220 | 74 | | | | | | | | | | JRS00 | 02 | JRS00 | 00 | 1 | TT3 | F2 | | 35B | RESET ERROR/STATUS |
| 46353 | | XA220 | 75 | | | XA221 | 79 | | | 16B | 9 | | SPIO132 | 26 | | 01 | 1 | TT3 | F1 | | 37B | |
| 44624 | | XA220 | 76 | | | XA222 | 53 | | | 16B | 9 | | JAIENS | 06 | JRTDEA | 01 | 2 | TT3 | E3 | | 37A | |
| 46381 | | XA220 | 77 | | | XA223 | 79 | | | 16B | 9 | | SPIO142 | 20 | | 01 | 2 | TT3 | F1 | | 38B | |
| 45491 | | XA220 | 78 | | | | | | | | | | JXEA00 | 04 | JRTDEA | 01 | 3 | TT3 | F3 | | 38A | |
| 46231 | | XA220 | 79 | | | XA224 | 65 | | | 16B | 9 | | SPIO032 | 25 | | 01 | 3 | TT3 | F1 | | 39B | |
| 45096 | | XA220 | 80 | | | XA219 | 65 | | | 16B | 9 | | JRTDEA | 01 | JRTDEA | 00 | 1 | TT3 | F3 | | 39A | INPUT COMMAND STAR |
| 44777 | | XA221 | 01 | | | XA229 | 53 | | | 16B | 9 | | JD02SA | 01 | JD02SA | 00 | 1 | TQ2 | A2 | | 02B | |
| 44370 | | XA221 | 02 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01A | |
| 44725 | | XA221 | 03 | | | XA221 | 04 | | | 16B | 9 | | JDP7S0 | 02 | JD03SA | 01 | 1 | TQ2 | A3 | | 02A | |
| 44726 | | XA221 | 04 | | | XA221 | 08 | | | 16B | 9 | | JDP7S0 | 03 | JD02SA | 01 | 1 | TQ2 | A2 | | 04A | |
| 45030 | | XA221 | 05 | | | | | | | | | | JKI260 | 02 | JD02SA | 01 | 2 | TQ2 | A2 | | 03B | |
| 44770 | | XA221 | 06 | | | XA230 | 65 | | | 16B | 9 | | JD01SA | 01 | JD01SA | 00 | 1 | TQ2 | A1 | | 05A | |
| 45027 | | XA221 | 07 | | | XA219 | 30 | | | 16B | 9 | | JKI250 | 01 | JD03SA | 01 | 2 | TQ2 | A3 | | 03A | |
| 44727 | | XA221 | 08 | | | XA221 | 18 | | | 16B | 9 | | JDP7S0 | 04 | JD01SA | 01 | 1 | TQ2 | A1 | | 06A | |
| CONNECTOR XA221 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA221
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 121

| RECORD NUMBER | PREFIX | CONNECTOR | PIN | SH FC | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | IDENT | SFC INST | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------------|------|-------|-------|----------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | | | | | | | | | | | | | | | | | | | | | | | |
| 44784 | | XA221 | 09 | | | XA229 | 80 | | 16B | 9 | | | J003SA | 01 | J003SA | 00 | 1 | T02 | A3 | | 04B | | |
| 45031 | | XA221 | 10 | | | XA219 | 39 | | 16B | 9 | | | JK1270 | 01 | JD01SA | 01 | 2 | T02 | A1 | | 07A | | |
| 44724 | | XA221 | 11 | | | XA221 | 03 | | 16B | 9 | | | JDP7S0 | 01 | JD04SA | 01 | 1 | T02 | A4 | | 05B | | |
| 44057 | | XA221 | 12 | | | | | | | | | | +5V | 01 | | | | T02 | | | | | |
| 45026 | | XA221 | 13 | | | | | | | | | | JK1240 | 02 | JD04SA | 01 | 2 | T02 | A4 | | 06B | | |
| 44805 | | XA221 | 14 | | | XA228 | 80 | | 16B | 9 | | | JD06SA | 01 | JD06SA | 00 | 1 | T02 | B2 | | 09A | | |
| 44791 | | XA221 | 15 | | | XA229 | 65 | | 16B | 9 | | | JD04SA | 01 | JD04SA | 00 | 1 | T02 | A4 | | 07B | | |
| 44371 | | XA221 | 16 | | | | | | | | | | GND | 01 | | | | T02 | | | 01B | | |
| 44729 | | XA221 | 17 | | | XA221 | 23 | | 16B | 9 | | | JDP7S0 | 06 | JD07SA | 01 | 1 | T02 | B3 | | 08B | | |
| 44728 | | XA221 | 18 | | | XA221 | 17 | | 16B | 9 | | | JDP7S0 | 05 | JD06SA | 01 | 1 | T02 | B2 | | 10A | | |
| 45019 | | XA221 | 19 | | | XA219 | 14 | | 16B | 9 | | | JK1210 | 01 | JD07SA | 01 | 2 | T02 | B3 | | 09B | | |
| 45022 | | XA221 | 20 | | | | | | | | | | JK1220 | 02 | JD06SA | 01 | 2 | T02 | B2 | | 11A | | |
| 44812 | | XA221 | 21 | | | XA228 | 65 | | 16B | 9 | | | JD07SA | 01 | JD07SA | 00 | 1 | T02 | B3 | | 10B | DATA REGISTER SET | |
| 44798 | | XA221 | 22 | | | XA228 | 53 | | 16B | 9 | | | JD05SA | 01 | JD05SA | 00 | 1 | T02 | B1 | | 12A | | |
| 44730 | | XA221 | 23 | | | XA221 | 24 | | 16B | 9 | | | JDP7S0 | 07 | JD0PSA | 01 | 1 | T02 | B4 | | 11B | | |
| 44731 | | XA221 | 24 | | | XA222 | 27 | | 16B | 9 | | | JDP7S0 | 08 | JD05SA | 01 | 1 | T02 | B1 | | 13A | | |
| 45034 | | XA221 | 25 | | | XA219 | 52 | | 16B | 9 | | | JK1280 | 02 | JD0PSA | 01 | 2 | T02 | B4 | | 12B | | |
| 45023 | | XA221 | 26 | | | XA219 | 27 | | 16B | 9 | | | JK1230 | 01 | JD05SA | 01 | 2 | T02 | B1 | | 14A | | |
| 44751 | | XA221 | 27 | | | XA230 | 53 | | 16B | 9 | | | JD0PSA | 01 | JD0PSA | 00 | 1 | T02 | B4 | | 13B | DATA REGISTER SET | |
| 44058 | | XA221 | 28 | | | | | | | | | | +5V | 01 | | | | T02 | | | | | |
| 44583 | | XA221 | 29 | | | | | | | | | | JAEN1R | 02 | JAEN1S | 01 | 1 | T02 | C3 | | 14B | | |
| 44641 | | XA221 | 30 | | | XA220 | 29 | | 16B | 9 | | | JAOENS | 02 | JAEN1S | 00 | 1 | T02 | C2 | | 15A | AUTO OUTPUT MODE | |
| 44602 | | XA221 | 31 | | | XA222 | 30 | | 16B | 9 | | | JAEN4A | 01 | JAEN1S | 01 | 2 | T02 | C3 | | 15B | | |
| 44372 | | XA221 | 32 | | | | | | | | | | GND | 01 | | | | T02 | | | 20B | | |
| 44585 | | XA221 | 33 | | | XA220 | 33 | | 16B | 9 | | | JAEN1S | 02 | JAEN1S | 00 | 1 | T02 | C3 | | 16B | OUTPUT COUNTER BIT | |
| 44638 | | XA221 | 34 | | | XA221 | 53 | | 16B | 9 | | | JAOENR | 02 | JAOENS | 01 | 1 | T02 | C2 | | 16A | | |
| 44707 | | XA221 | 35 | | | XA220 | 51 | | 16B | 9 | | | JDEV2R | 01 | JDEV3A | 01 | 1 | T02 | C4 | | 17B | | |
| 44571 | | XA221 | 36 | | | XA215 | 23 | | 16B | 9 | | | JAEN0A | 02 | JAOENS | 01 | 2 | T02 | C2 | | 17A | | |
| 45369 | | XA221 | 37 | | | XA222 | 37 | | 16B | 9 | | | JXCP1B | 13 | JDEV3A | 01 | 2 | T02 | C4 | | 18B | | |
| 44615 | | XA221 | 38 | | | XA231 | 55 | | 16B | 9 | | | JAE0BS | 03 | JAE0BS | 00 | 1 | T02 | C1 | | 18A | EOB RECEIVED ON DU | |
| 44714 | | XA221 | 39 | | | | | | | | | | JDEV3A | 02 | JDEV3A | 00 | 1 | T02 | C4 | | 19B | | |
| 44611 | | XA221 | 40 | | | XA220 | 36 | | 16B | 9 | | | JAE0BR | 01 | JAE0BS | 01 | 1 | T02 | C1 | | 19A | | |
| 44689 | | XA221 | 41 | | | XA222 | 45 | | 16B | 9 | | | JDEVIR | 01 | JDEVIS | 01 | 1 | T02 | D3 | | 22B | | |
| 44568 | | XA221 | 42 | | | XA220 | 04 | | 16B | 9 | | | JAE0BA | 01 | JAE0BS | 01 | 2 | T02 | C1 | | 20A | | |
| 44696 | | XA221 | 43 | | | XA222 | 56 | | 16B | 9 | | | JDEV0A | 03 | JDEVIS | 01 | 2 | T02 | D3 | | 23B | | |
| 44373 | | XA221 | 44 | | | | | | | | | | GND | 01 | | | | T02 | | | 21B | | |
| 44692 | | XA221 | 45 | | | XA222 | 41 | | 16B | 9 | | | JDEVIS | 01 | JDEVIS | 00 | 1 | T02 | D3 | | 24B | END INPUT COMND RE | |
| 44600 | | XA221 | 46 | | | XA222 | 62 | | 16B | 9 | | | JAEN3S | 02 | JAEN3S | 00 | 1 | T02 | D2 | | 21A | OUTPUT COUNTER BIT | |
| 44718 | | XA221 | 47 | | | XA222 | 46 | | 16B | 9 | | | JDEV3S | 02 | JDEV1A | 01 | 1 | T02 | D4 | | 25B | | |
| 44597 | | XA221 | 48 | | | XA220 | 43 | | 16B | 9 | | | JAEN3R | 01 | JAEN3S | 01 | 1 | T02 | D2 | | 22A | | |
| 45394 | | XA221 | 49 | | | XA222 | 49 | | 16B | 9 | | | JXCP3B | 09 | JDEV1A | 01 | 2 | T02 | D4 | | 26B | | |
| 44607 | | XA221 | 50 | | | XA222 | 33 | | 16B | 9 | | | JAEN6A | 01 | JAEN3S | 01 | 2 | T02 | D2 | | 23A | | |
| 44701 | | XA221 | 51 | | | XA220 | 47 | | 16B | 9 | | | JDEV1A | 02 | JDEV1A | 00 | 1 | T02 | D4 | | 27B | | |
| 44593 | | XA221 | 52 | | | XA220 | 52 | | 16B | 9 | | | JAEN2S | 02 | JAEN2S | 00 | 1 | T02 | D1 | | 24A | OUTPUT COUNTER BIT | |
| 44639 | | XA221 | 53 | | | | | | | | | | JAOENR | 03 | JXDV20 | 01 | 1 | T02 | E3 | | 28B | | |
| 44590 | | XA221 | 54 | | | XA222 | 35 | | 16B | 9 | | | JAEN2R | 02 | JAEN2S | 01 | 1 | T02 | D1 | | 25A | | |
| 46010 | | XA221 | 55 | | | XA223 | 65 | | 16B | 9 | | | JXXDIR | 02 | JXDV20 | 01 | 2 | T02 | E3 | | 29B | | |
| 45502 | | XA221 | 56 | | | XA226 | 62 | | 16B | 9 | | | JXEDQA | 01 | JAEN2S | 01 | 2 | T02 | D1 | | 26A | | |
| 45478 | | XA221 | 57 | | | XA219 | 61 | | 16B | 9 | | | JXDV20 | 01 | JXDV20 | 00 | 1 | T02 | E3 | | 30B | | |
| 44374 | | XA221 | 58 | | | | | | | | | | GND | 01 | | | | T02 | | | 27A | | |
| CONNECTOR (XA221) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA221
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 122

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|--------------|------|---------------|-----------|------|------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|----------------|-----|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SIZE | PREFIX | CONNECTOR | PIN | SIZE | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | SPEC INST MISC | AND | | |
| 44849 | | XA221 | 59 | | | | | | | | | | J1ENOR | 03 | J1EN3A | 01 | 1 | TQ2 | E4 | | 31B | | | |
| 47766 | | XA221 | 60 | | | | | | | | | | SPO | 01 | | 00 | 1 | TQ2 | E2 | | 28A | | | |
| 45368 | | XA221 | 61 | | | XA221 | 37 | | | 16B | 9 | | JXCP1B | 12 | J1EN3A | 01 | 2 | TQ2 | E4 | | 32B | | | |
| 46360 | | XA221 | 62 | | | XA244 | 72 | | | 16B | 9 | | SPIO132 | 33 | | 01 | 1 | TQ2 | E2 | | 29A | | | |
| 44867 | | XA221 | 63 | | | | | | | | | | J1EN3A | 02 | J1EN3A | 00 | 1 | TQ2 | E4 | | 33B | | | |
| 46379 | | XA221 | 64 | | | XA221 | 78 | | | 16B | 9 | | SPIO142 | 18 | | 01 | 2 | TQ2 | E2 | | 30A | | | |
| 44872 | | XA221 | 65 | | | XA224 | 75 | | | 16B | 9 | | JDAINQ | 06 | JPRQPA | 01 | 1 | TQ2 | F3 | | 34B | | | |
| 44897 | | XA221 | 66 | | | | | | | | | | JKPE1A | 02 | JKPE1A | 00 | 1 | TQ2 | F1 | | 31A | | DIVIDE BY 10 PARRA | |
| 44375 | | XA221 | 67 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 40A | | | |
| 45040 | | XA221 | 68 | | | XA219 | 46 | | | 16B | 9 | | JK1290 | 05 | JKPE1A | 01 | 1 | TQ2 | E1 | | 32A | | | |
| 45083 | | XA221 | 69 | | | XA222 | 76 | | | 16B | 9 | | JPRQPA | 01 | JPRQPA | 00 | 1 | TQ2 | F3 | | 35A | | | |
| 44893 | | XA221 | 70 | | | XA222 | 66 | | | 16B | 9 | | JKPE00 | 03 | JKPE1A | 01 | 2 | TQ2 | F1 | | 33A | | | |
| 45976 | | XA221 | 71 | | | XA222 | 65 | | | 16B | 9 | | JXXC2Q | 01 | JXXCSA | 01 | 1 | TQ2 | F2 | | 36A | | | |
| 45967 | | XA221 | 72 | | | XA219 | 76 | | | 16B | 9 | | JXXCSA | 01 | JXXCSA | 00 | 1 | TQ2 | F2 | | 34A | | YOU INPUT STROBE | |
| 45990 | | XA221 | 73 | | | XA228 | 49 | | | 16B | 9 | | JXXC4Q | 01 | JXXCSA | 01 | 2 | TQ2 | F2 | | 36B | | | |
| 46037 | | XA221 | 74 | | | XA218 | 61 | | | 16B | 9 | | JXXREQ | 01 | JPRQPA | 01 | 2 | TQ2 | F3 | | 35B | | | |
| 44663 | | XA221 | 75 | | | XA217 | 39 | | | 16B | 9 | | JCDESA | 01 | JCDESA | 00 | 1 | TQ2 | F1 | | 37B | | | |
| 46355 | | XA221 | 76 | | | XA222 | 79 | | | 16B | 9 | | SPIO132 | 28 | | 01 | 1 | TQ2 | F4 | | 37A | | | |
| 44666 | | XA221 | 77 | | | | | | | | | | JCDESO | 02 | JCDESA | 01 | 1 | TQ2 | F1 | | 38B | | | |
| 46380 | | XA221 | 78 | | | XA220 | 77 | | | 16B | 9 | | SPIO142 | 19 | | 01 | 2 | TQ2 | F4 | | 38A | | | |
| 46354 | | XA221 | 79 | | | XA221 | 76 | | | 16B | 9 | | SPIO132 | 27 | JCDESA | 01 | 2 | TQ2 | F1 | | 39B | | | |
| 47767 | | XA221 | 80 | | | | | | | | | | SPO | 01 | | 00 | 1 | TQ2 | F4 | | 39A | | | |
| 44971 | | XA222 | 01 | | | XA231 | 61 | | | 16B | 9 | | JK08C0 | 03 | JK08C0 | 00 | 1 | TQ2 | A2 | | 02B | | | |
| 44376 | | XA222 | 02 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01A | | | |
| 44852 | | XA222 | 03 | | | | | | | | | | J1ENOS | 03 | J1EN2A | 01 | 1 | TQ2 | A3 | | 02A | | | |
| 44967 | | XA222 | 04 | | | XA215 | 11 | | | 16B | 9 | | JK08CA | 01 | JK08C0 | 01 | 1 | TQ2 | A2 | | 04A | | | |
| 46332 | | XA222 | 05 | | | XA222 | 13 | | | 16B | 9 | | SPIO132 | 05 | JK08C0 | 01 | 2 | TQ2 | A2 | | 03B | | | |
| 45054 | | XA222 | 06 | | | XA217 | 01 | | | 16B | 9 | | JLPT1A | 02 | JLPT1A | 00 | 1 | TQ2 | A1 | | 05A | | | |
| 45376 | | XA222 | 07 | | | XA218 | 14 | | | 16B | 9 | | JXCP1B | 20 | J1EN2A | 01 | 2 | TQ2 | A3 | | 03A | | | |
| 45057 | | XA222 | 08 | | | XA218 | 07 | | | 16B | 9 | | JLPT1Q | 01 | JLPT1A | 01 | 1 | TQ2 | A1 | | 06A | | | |
| 44864 | | XA222 | 09 | | | XA223 | 26 | | | 16B | 9 | | J1EN2A | 01 | J1EN2A | 00 | 1 | TQ2 | A3 | | 04B | | | |
| 45404 | | XA222 | 10 | | | XA222 | 26 | | | 16B | 9 | | JXCP3B | 19 | JLPT1A | 01 | 2 | TQ2 | A1 | | 07A | | | |
| 46378 | | XA222 | 11 | | | XA221 | 64 | | | 16B | 9 | | SPIO142 | 17 | | 01 | 1 | TQ2 | A4 | | 05B | | | |
| 44059 | | XA222 | 12 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | | |
| 46333 | | XA222 | 13 | | | XA220 | 13 | | | 16B | 9 | | SPIO132 | 06 | | 01 | 2 | TQ2 | A4 | | 06B | | A03 | |
| 44876 | | XA222 | 14 | | | XA223 | 74 | | | 16B | 9 | | JINT2A | 02 | JINT2A | 00 | 1 | TQ2 | B2 | | 09A | | | |
| 47768 | | XA222 | 15 | | | | | | | | | | SPO | 01 | | 00 | 1 | TQ2 | A4 | | 07B | | | |
| 44377 | | XA222 | 16 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01B | | | |
| 45094 | | XA222 | 17 | | | XA223 | 33 | | | 16B | 9 | | JPOUTO | 02 | JPDT9A | 01 | 1 | TQ2 | B3 | | 08B | | | |
| 44872 | | XA222 | 18 | | | XA222 | 77 | | | 16B | 9 | | JINT1Q | 01 | JINT2A | 01 | 1 | TQ2 | B2 | | 10A | | | |
| 45069 | | XA222 | 19 | | | XA216 | 36 | | | 16B | 9 | | JPDTX1X | 01 | JPDT9A | 01 | 2 | TQ2 | B3 | | 09B | | | |
| 46328 | | XA222 | 20 | | | XA222 | 25 | | | 16B | 9 | | SPIO132 | 01 | JINT2A | 01 | 2 | TQ2 | B2 | | 11A | | | |
| 45073 | | XA222 | 21 | | | XA220 | 14 | | | 16B | 9 | | JPDT9A | 01 | JPDT9A | 00 | 1 | TQ2 | B3 | | 10B | | A03 | |
| 45110 | | XA222 | 22 | | | XA224 | 40 | | | 16B | 9 | | JSNC1A | 01 | JSNC1A | 00 | 1 | TQ2 | B1 | | 12A | | | |
| 44722 | | XA222 | 23 | | | XA214 | 35 | | | 16B | 9 | | JDP7SA | 01 | JDP7S0 | 00 | 1 | TQ2 | B4 | | 11B | | | |
| 45129 | | XA222 | 24 | | | XA215 | 24 | | | 16B | 9 | | JSNC2S | 05 | JSNC1A | 01 | 1 | TQ2 | B1 | | 13A | | | |
| 46329 | | XA222 | 25 | | | XA220 | 26 | | | 16B | 9 | | SPIO132 | 02 | JDP7S0 | 01 | 2 | TQ2 | B4 | | 12B | | | |
| 45405 | | XA222 | 26 | | | XA218 | 26 | | | 16B | 9 | | JXCP3B | 20 | JSNC1A | 01 | 2 | TQ2 | B1 | | 14A | | | |
| CONNECTOR | | XA222 | CONTINUED ON | | THE NEXT PAGE | | **** | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA222
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 123

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SPEC. INST. MISC. | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|-------------------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | EN FC | PREFIX | CONNECTOR | PIN | EN FC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | |
| 44732 | | XA222 | 27 | | | | | | | | | | JDP7S0 | 09 | JDP7S0 | 00 | 1 | TQ2 | B4 | | 13B | | | |
| 44060 | | XA222 | 28 | | | | | | | | | | +5V | 01 | | | 1 | TQ2 | | | | | | |
| 44592 | | XA222 | 29 | | XA221 | 52 | | | 16B | 9 | | | JAEN2S | 01 | JAEN6A | 01 | 1 | TQ2 | C3 | | 14B | | | |
| 44603 | | XA222 | 30 | | | | | | | | | | JAEN4A | 02 | JAEN4A | 00 | 1 | TQ2 | C2 | | 15A | | | |
| 45371 | | XA222 | 31 | | XA222 | 36 | | | 16B | 9 | | | JXCP1B | 15 | JAEN6A | 01 | 2 | TQ2 | C3 | | 15B | | | |
| 44378 | | XA222 | 32 | | | | | | | | | | GND | 01 | | | 1 | TQ2 | | | 20B | | | |
| 44608 | | XA222 | 33 | | | | | | | | | | JAEN6A | 02 | JAEN6A | 00 | 1 | TQ2 | C3 | | 16B | | | |
| 44576 | | XA222 | 34 | | XA224 | 43 | | | 16B | 9 | | | JAEN0S | 01 | JAEN4A | 01 | 1 | TQ2 | C2 | | 16A | | | |
| 44591 | | XA222 | 35 | | | | | | | | | | JAEN2R | 03 | JAEN7A | 01 | 1 | TQ2 | C4 | | 17B | | | |
| 45372 | | XA222 | 36 | | XA222 | 42 | | | 16B | 9 | | | JXCP1B | 16 | JAEN4A | 01 | 2 | TQ2 | C2 | | 17A | | | |
| 45370 | | XA222 | 37 | | XA222 | 31 | | | 16B | 9 | | | JXCP1B | 14 | JAEN7A | 01 | 2 | TQ2 | C4 | | 18B | | | |
| 44596 | | XA222 | 38 | | | | | | | | | | JAEN3A | 02 | JAEN3A | 00 | 1 | TQ2 | C1 | | 18A | | | |
| 44610 | | XA222 | 39 | | | | | | | | | | JAEN7A | 02 | JAEN7A | 00 | 1 | TQ2 | C4 | | 19B | | | |
| 44573 | | XA222 | 40 | | XA224 | 41 | | | 16B | 9 | | | JAEN0R | 01 | JAEN3A | 01 | 1 | TQ2 | C1 | | 19A | | | |
| 44693 | | XA222 | 41 | | | | | | | | | | JDEVIS | 02 | JDEVIR | 01 | 1 | TQ2 | D3 | | 22B | | | |
| 45373 | | XA222 | 42 | | XA224 | 37 | | | 16B | 9 | | | JXCP1B | 17 | JAEN3A | 01 | 2 | TQ2 | C1 | | 20A | | | |
| 45666 | | XA222 | 43 | | XA220 | 70 | | | 16B | 9 | | | JXRS0B | 39 | JDEVIR | 01 | 2 | TQ2 | D3 | | 23B | | | |
| 44379 | | XA222 | 44 | | | | | | | | | | GND | 01 | | | 1 | TQ2 | | | 21B | | | |
| 44690 | | XA222 | 45 | | XA224 | 49 | | | 16B | 9 | | | JDEVIR | 02 | JDEVIR | 00 | 1 | TQ2 | D3 | | 24B | | | |
| 44719 | | XA222 | 46 | | | | | | | | | | JDEV3S | 03 | JDEV3S | 00 | 1 | TQ2 | D2 | | 21A | | END INPUT COUNTER | |
| 44862 | | XA222 | 47 | | XA220 | 53 | | | 16B | 9 | | | J1EN1S | 03 | J1EN1A | 01 | 1 | TQ2 | D4 | | 25B | | | |
| 44715 | | XA222 | 48 | | XA220 | 64 | | | 16B | 9 | | | JDEV3R | 01 | JDEV3S | 01 | 1 | TQ2 | D2 | | 22A | | | |
| 45395 | | XA222 | 49 | | XA223 | 50 | | | 16B | 9 | | | JXCP3B | 10 | J1EN1A | 01 | 2 | TQ2 | D4 | | 26B | | | |
| 44706 | | XA222 | 50 | | | | | | | | | | JDEV2A | 02 | JDEV3S | 01 | 2 | TQ2 | D2 | | 23A | | | |
| 44854 | | XA222 | 51 | | XA215 | 78 | | | 16B | 9 | | | J1EN1A | 02 | J1EN1A | 00 | 1 | TQ2 | D4 | | 27B | | | |
| 44711 | | XA222 | 52 | | XA220 | 45 | | | 16B | 9 | | | JDEV2S | 02 | JDEV2S | 00 | 1 | TQ2 | D1 | | 24A | | END INPUT COUNTER | |
| 44625 | | XA222 | 53 | | XA223 | 57 | | | 16B | 9 | | | J1ENS | 07 | J1ENR0 | 01 | 1 | TQ2 | E3 | | 28B | | | |
| 44709 | | XA222 | 54 | | | | | | | | | | JDEV2R | 03 | JDEV2S | 01 | 1 | TQ2 | D1 | | 25A | | | |
| 44834 | | XA222 | 55 | | | | | | | | | | JEYIN0X | 03 | J1ENR0 | 01 | 2 | TQ2 | E3 | | 29B | | | |
| 44697 | | XA222 | 56 | | | | | | | | | | JDEV0A | 04 | JDEV2S | 01 | 2 | TQ2 | D1 | | 26A | | | |
| 44838 | | XA222 | 57 | | XA223 | 59 | | | 16B | 9 | | | J1ENR0 | 01 | J1ENR0 | 00 | 1 | TQ2 | E3 | | 30B | | | |
| 44380 | | XA222 | 58 | | | | | | | | | | GND | 01 | | | 1 | TQ2 | | | 27A | | | |
| 44917 | | XA222 | 59 | | XA233 | 46 | | | 16B | 9 | | | JK03B4U | 01 | JK030A | 01 | 1 | TQ2 | E4 | | 31B | | | |
| 44605 | | XA222 | 60 | | XA232 | 75 | | | 16B | 9 | | | JAEN5A | 02 | JAEN5A | 00 | 1 | TQ2 | E2 | | 28A | | | |
| 46359 | | XA222 | 61 | | XA221 | 62 | | | 16B | 9 | | | SPI0132 | 32 | JK030A | 01 | 2 | TQ2 | E4 | | 32B | | | |
| 44601 | | XA222 | 62 | | | | | | | | | | JAEN3S | 03 | JAEN5A | 01 | 1 | TQ2 | E2 | | 29A | | | |
| 44928 | | XA222 | 63 | | XA234 | 21 | | | 16B | 9 | | | JK030A | 01 | JK030A | 00 | 1 | TQ2 | E4 | | 33B | | | |
| 45391 | | XA222 | 64 | | XA220 | 62 | | | 16B | 9 | | | JXCP3B | 06 | JAEN5A | 01 | 2 | TQ2 | E2 | | 30A | | | |
| 45977 | | XA222 | 65 | | XA229 | 48 | | | 16B | 9 | | | JXXC20 | 02 | JXSK0A | 01 | 1 | TQ2 | F3 | | 34B | | | |
| 44894 | | XA222 | 66 | | XA234 | 64 | | | 16B | 9 | | | JKPE00 | 04 | JKPE00 | 00 | 1 | TQ2 | F1 | | 31A | | | |
| 44381 | | XA222 | 67 | | | | | | | | | | GND | 01 | | | 1 | TQ2 | | | 40A | | | |
| 44890 | | XA222 | 68 | | | | | | | | | | JKPE0A | 03 | JKPE00 | 01 | 1 | TQ2 | F1 | | 32A | | | |
| 45787 | | XA222 | 69 | | XA227 | 35 | | | 16B | 9 | | | JXSK0A | 01 | JXSK0A | 00 | 1 | TQ2 | F3 | | 35A | | | |
| 46358 | | XA222 | 70 | | XA222 | 61 | | | 16B | 9 | | | SPI0132 | 31 | JKPE00 | 01 | 2 | TQ2 | F1 | | 33A | | | |
| 45455 | | XA222 | 71 | | | | | | | | | | JXDPEA | 02 | JCDES0 | 01 | 1 | TQ2 | F2 | | 36A | | | |
| 44665 | | XA222 | 72 | | XA221 | 77 | | | 16B | 9 | | | JCDES0 | 01 | JCDES0 | 00 | 1 | TQ2 | F2 | | 34A | | SET COMPUTER DATA | |
| 46059 | | XA222 | 73 | | | | | | | | | | JXODEA | 02 | JCDES0 | 01 | 2 | TQ2 | F2 | | 36B | | | |
| 45981 | | XA222 | 74 | | | | | | | | | | JXXC3P | 02 | JXSK0A | 01 | 2 | TQ2 | F3 | | 35B | | | |
| 44870 | | XA222 | 75 | | XA214 | 62 | | | 16B | 9 | | | JINT1A | 03 | JINT1A | 00 | 1 | TQ2 | F1 | | 37B | | | |
| 45084 | | XA222 | 76 | | | | | | | | | | JPRQPA | 02 | JPRQPA | 01 | 1 | TQ2 | F4 | | 37A | | | |
| CONNECTOR XA222 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA222
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 124

| RECORD NUMBER | FROM | | | | TO | | | | | | | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|---------------------------------|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------------|-----|--------|--------|----------|------|--------|------------------|-------|------------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SK FG | PREFIX | CONNECTOR | PIN | SK FG | MULTI GROUP | CODE | COLOR | IDENT | SPE INST MISC | | | | | | | | | | | | |
| 44873 | | XA222 | 77 | | | XA213 | 76 | | | 16B | 9 | | JINT10 | 02 | JINT1A | 01 | 1 | TQ2 | F1 | | 38B | | | | |
| 46357 | | XA222 | 78 | | | XA222 | 70 | | | 16B | 9 | | SPI0132 | 30 | JPRQPO | 01 | 2 | TQ2 | F4 | | 38A | | | | |
| 46356 | | XA222 | 79 | | | XA222 | 78 | | | 16B | 9 | | SPI0132 | 29 | JINT1A | 01 | 2 | TQ2 | F1 | | 39B | | | | |
| 45086 | | XA222 | 80 | | | | | | | | | | JPRQPO | 02 | JPRQPO | 00 | 1 | TQ2 | F4 | | 39A | REQUEST PENDING ON | | | |
| 45050 | | XA223 | 01 | | | | | | | | | | JLPTBS | 02 | JLPTBS | 00 | 1 | TQ2 | A2 | | 02B | LOOP TEST BUSY F/F | | | |
| 44382 | | XA223 | 02 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01A | | | | |
| 45106 | | XA223 | 03 | | | | | | | | | | JSNCOR | 03 | JSNCOS | 01 | 1 | TQ2 | A3 | | 02A | | | | |
| 45046 | | XA223 | 04 | | | XA224 | 07 | | | 16B | 9 | | JLPTBR | 01 | JLPTBS | 01 | 1 | TQ2 | A2 | | 04A | | | | |
| 46065 | | XA223 | 05 | | | XA226 | 55 | | | 16B | 9 | | JX00A | 03 | JLPTBS | 01 | 2 | TQ2 | A2 | | 03B | | | | |
| 45061 | | XA223 | 06 | | | XA224 | 06 | | | 16B | 9 | | JLPT2S | 01 | JLPT2S | 00 | 1 | TQ2 | A1 | | 05A | LOOP TEST DATA WAIT | | | |
| 45140 | | XA223 | 07 | | | XA215 | 71 | | | 16B | 9 | | JSYN1A | 02 | JSNCOS | 01 | 2 | TQ2 | A3 | | 03A | | | | |
| 45060 | | XA223 | 08 | | | | | | | | | | JLPT2R | 02 | JLPT2S | 01 | 1 | TQ2 | A1 | | 06A | | | | |
| 45108 | | XA223 | 09 | | | XA224 | 09 | | | 16B | 9 | | JSNCOS | 02 | JSNCOS | 00 | 1 | TQ2 | A3 | | 04B | DEVICE COMMAND SYN | | | |
| 45053 | | XA223 | 10 | | | XA222 | 06 | | | 16B | 9 | | JLPT1A | 01 | JLPT2S | 01 | 2 | TQ2 | A1 | | 07A | | | | |
| 44949 | | XA223 | 11 | | | XA215 | 09 | | | 16B | 9 | | JK04FA | 01 | JK04F0 | 01 | 1 | TQ2 | A4 | | 05B | | | | |
| 44061 | | XA223 | 12 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | | | |
| 46399 | | XA223 | 13 | | | XA226 | 10 | | | 16B | 9 | | SPI0152 | 01 | JK04F0 | 01 | 2 | TQ2 | A4 | | 06B | | | | |
| 45076 | | XA223 | 14 | | | | | | | | | | SPO | 01 | | 00 | 1 | TQ2 | B2 | | 09A | | A03 | | |
| 44953 | | XA223 | 15 | | | XA231 | 62 | | | 16B | 9 | | JK04F0 | 03 | JK04F0 | 00 | 1 | TQ2 | A4 | | 07B | | | | |
| 44383 | | XA223 | 16 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01B | | | | |
| 44654 | | XA223 | 17 | | | XA224 | 27 | | | 16B | 9 | | JBUSYR | 02 | JBUSYS | 01 | 1 | TQ2 | B3 | | 08B | | | | |
| 45074 | | XA223 | 18 | | | XA222 | 20 | | | 16B | 9 | | SPI0132 | 001 | | 01 | 1 | TQ2 | B2 | | 10A | | A03 | | |
| 44648 | | XA223 | 19 | | | XA215 | 21 | | | 16B | 9 | | JBSY0A | 01 | JBUSYS | 01 | 2 | TQ2 | B3 | | 09B | | | | |
| 45072 | | XA223 | 20 | | | XA223 | 13 | | | 16B | 9 | | SPI0152 | 00 | | 01 | 2 | TQ2 | B2 | | 11A | SERIAL DATA OUTPUT A03 | | | |
| 44659 | | XA223 | 21 | | | XA215 | 25 | | | 16B | 9 | | JBUSYS | 03 | JBUSYS | 00 | 1 | TQ2 | B3 | | 10B | HARDWARE BUSY F/F | | | |
| 44861 | | XA223 | 22 | | | XA222 | 47 | | | 16B | 9 | | J1EN1S | 02 | J1EN1S | 00 | 1 | TQ2 | B1 | | 12A | INPUT COUNTER BIT | | | |
| 45112 | | XA223 | 23 | | | XA223 | 40 | | | 16B | 9 | | JSNC1R | 01 | JSNC3A | 01 | 1 | TQ2 | B4 | | 11B | | | | |
| 44858 | | XA223 | 24 | | | XA224 | 20 | | | 16B | 9 | | J1EN1R | 01 | J1EN1S | 01 | 1 | TQ2 | B1 | | 13A | | | | |
| 45375 | | XA223 | 25 | | | XA222 | 07 | | | 16B | 9 | | JXCP1B | 19 | JSNC3A | 01 | 2 | TQ2 | B4 | | 12B | | | | |
| 44865 | | XA223 | 26 | | | | | | | | | | J1EN2A | 02 | J1EN1S | 01 | 2 | TQ2 | B1 | | 14A | | | | |
| 45132 | | XA223 | 27 | | | | | | | | | | JSNC3A | 02 | JSNC3A | 00 | 1 | TQ2 | B4 | | 13B | | | | |
| 44062 | | XA223 | 28 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | | | |
| 45087 | | XA223 | 29 | | | XA215 | 35 | | | 16B | 9 | | JPOUTA | 01 | JPOUTO | 01 | 1 | TQ2 | C3 | | 14B | | | | |
| 45128 | | XA223 | 30 | | | XA222 | 24 | | | 16B | 9 | | JSNC2S | 04 | JSNC2S | 00 | 1 | TQ2 | C2 | | 15A | DEVICE COMMAND SYN | | | |
| 44882 | | XA223 | 31 | | | XA223 | 18 | | | 16B | 9 | | SPI0132 | 00 | JPOUTO | 01 | 2 | TQ2 | C3 | | 15B | | A03 | | |
| 44384 | | XA223 | 32 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 20B | | | | |
| 45095 | | XA223 | 33 | | | | | | | | | | JPOUTO | 03 | JPOUTO | 00 | 1 | TQ2 | C3 | | 16B | OUTPUT TO TTY ENAB | | | |
| 45123 | | XA223 | 34 | | | XA214 | 60 | | | 16B | 9 | | JSNC2R | 02 | JSNC2S | 01 | 1 | TQ2 | C2 | | 16A | | | | |
| 46071 | | XA223 | 35 | | | XA232 | 45 | | | 16B | 9 | | JXOFRS | 01 | JXODRA | 01 | 1 | TQ2 | C4 | | 17B | | | | |
| 45120 | | XA223 | 36 | | | XA226 | 46 | | | 16B | 9 | | JSNC2A | 02 | JSNC2S | 01 | 2 | TQ2 | C2 | | 17A | | | | |
| 45926 | | XA223 | 37 | | | XA225 | 25 | | | 16B | 9 | | JXXB10 | 01 | JXODRA | 01 | 2 | TQ2 | C4 | | 18B | | | | |
| 45117 | | XA223 | 38 | | | XA215 | 14 | | | 16B | 9 | | JSNC1S | 03 | JSNC1S | 00 | 1 | TQ2 | C1 | | 18A | DEVICE COMMAND SYN | | | |
| 46060 | | XA223 | 39 | | | XA224 | 59 | | | 16B | 9 | | JXODRA | 01 | JXODRA | 00 | 1 | TQ2 | C4 | | 19B | OFR RESET | | | |
| 45113 | | XA223 | 40 | | | XA224 | 36 | | | 16B | 9 | | JSNC1R | 02 | JSNC1S | 01 | 1 | TQ2 | C1 | | 19A | | | | |
| 45802 | | XA223 | 41 | | | XA229 | 37 | | | 16B | 9 | | JXST10 | 01 | JXST1A | 01 | 1 | TQ2 | D3 | | 22B | | | | |
| 45102 | | XA223 | 42 | | | XA214 | 59 | | | 16B | 9 | | JSNC0A | 01 | JSNC1S | 01 | 2 | TQ2 | C1 | | 20A | | | | |
| 45397 | | XA223 | 43 | | | XA227 | 43 | | | 16B | 9 | | JXCP3B | 12 | JXST1A | 01 | 2 | TQ2 | D3 | | 23B | | | | |
| 44385 | | XA223 | 44 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 21B | | | | |
| CONNECTOR | | XA223 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA223
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 125

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | SPEC INST MISC | SIGNAL | SEC NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO | |
|---|--------|-----------|-----|--------|-----------|-----|------|-------------|------|----------------|--------|---------|----------|--------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|-------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | NO | MULTI GROUP | CODE | | | | | | | | | | | | | COLOR |
| 445799 | | XA223 | 45 | | XA228 | 42 | | | 16B | 9 | | JXST1A | 01 | JXST1A | 00 | 1 | TQ2 | D3 | 24B | | | |
| 44580 | | XA223 | 46 | | XA215 | 75 | | | 16B | 9 | | JAEN1A | 02 | JAEN1A | 00 | 1 | TQ2 | D2 | 21A | | | |
| 45067 | | XA223 | 47 | | XA216 | 77 | | | 16B | 9 | | JPBZY0 | 02 | JBUSYA | 01 | 1 | TQ2 | D4 | 25B | | | |
| 44584 | | XA223 | 48 | | XA221 | 33 | | | 16B | 9 | | JAEN1S | 01 | JAEN1A | 01 | 1 | TQ2 | D2 | 22A | | | |
| 46418 | | XA223 | 49 | | XA223 | 61 | | | 16B | 9 | | SPI0152 | 20 | JBUSYA | 01 | 2 | TQ2 | D4 | 26B | | | |
| 45396 | | XA223 | 50 | | XA223 | 43 | | | 16B | 9 | | JXCP3B | 11 | JAEN1A | 01 | 2 | TQ2 | D2 | 23A | | | |
| 44652 | | XA223 | 51 | | | | | | | | | | | | | | | | | | | |
| 44851 | | XA223 | 52 | | XA222 | 03 | | | 16B | 9 | | JBUSYA | 03 | JBUSYA | 00 | 1 | TQ2 | D4 | 27B | HARDWARE BUSY WHEN | | |
| 44618 | | XA223 | 53 | | | | | | | | | JIENOS | 02 | JIENOS | 00 | 1 | TQ2 | D1 | 24A | INPUT COUNTER BIT | | |
| 44848 | | XA223 | 54 | | XA221 | 59 | | | 16B | 9 | | JAIENR | 02 | JAIENS | 01 | 1 | TQ2 | E3 | 28B | | | |
| 44635 | | XA223 | 55 | | XA225 | 76 | | | 16B | 9 | | JAIENOR | 02 | JAIENS | 01 | 1 | TQ2 | D1 | 25A | | | |
| 44843 | | XA223 | 56 | | | | | | | | | JAINOA | 01 | JAIENS | 01 | 2 | TQ2 | E3 | 29B | | | |
| 44626 | | XA223 | 57 | | XA225 | 55 | | | 16B | 9 | | JAIENOA | 02 | JAIENS | 01 | 2 | TQ2 | D1 | 26A | | | |
| 44386 | | XA223 | 58 | | | | | | | | | JAIENS | 08 | JAIENS | 00 | 1 | TQ2 | E3 | 30B | AUTO INPUT MODE EN | | |
| 44839 | | XA223 | 59 | | | | | | | | | GND | 01 | | | | | 27A | | | | |
| 44885 | | XA223 | 60 | | XA224 | 53 | | | 16B | 9 | | JAIENS | 01 | JAIENS | 00 | 1 | TQ2 | E3 | 31B | | | |
| 46419 | | XA223 | 61 | | XA223 | 78 | | | 16B | 9 | | JAIENS | 01 | JAIENS | 00 | 1 | TQ2 | E3 | 31B | | | |
| 44884 | | XA223 | 62 | | | | | | | | | JAIENS | 01 | JAIENS | 00 | 1 | TQ2 | E3 | 31B | | | |
| 44837 | | XA223 | 63 | | XA226 | 59 | | | 16B | 9 | | JAIENS | 01 | JAIENS | 00 | 1 | TQ2 | E3 | 31B | | | |
| 45098 | | XA223 | 64 | | XA222 | 51 | | | 16B | 9 | | JAIENS | 01 | JAIENS | 00 | 1 | TQ2 | E3 | 31B | | | |
| 46011 | | XA223 | 65 | | XA224 | 80 | | | 16B | 9 | | JAIENS | 01 | JAIENS | 00 | 1 | TQ2 | E3 | 31B | RESET INPUT DATA | A03 | |
| 44981 | | XA223 | 66 | | | | | | | | | JAIENS | 01 | JAIENS | 00 | 1 | TQ2 | E3 | 31B | | | |
| 44387 | | XA223 | 67 | | | | | | | | | JAIENS | 01 | JAIENS | 00 | 1 | TQ2 | E3 | 31B | | | |
| 44977 | | XA223 | 68 | | XA224 | 50 | | | 16B | 9 | | JAIENS | 01 | JAIENS | 00 | 1 | TQ2 | E3 | 31B | | | |
| 46015 | | XA223 | 69 | | | | | | | | | JAIENS | 01 | JAIENS | 00 | 1 | TQ2 | E3 | 31B | | | |
| 46423 | | XA223 | 70 | | XA224 | 72 | | | 16B | 9 | | JAIENS | 01 | JAIENS | 00 | 1 | TQ2 | E3 | 31B | | | |
| 45472 | | XA223 | 71 | | | | | | | | | JAIENS | 01 | JAIENS | 00 | 1 | TQ2 | E3 | 31B | | | |
| 45473 | | XA223 | 72 | | XA228 | 30 | | | 16B | 9 | | JAIENS | 01 | JAIENS | 00 | 1 | TQ2 | E3 | 31B | | | |
| 46422 | | XA223 | 73 | | XA223 | 70 | | | 16B | 9 | | JAIENS | 01 | JAIENS | 00 | 1 | TQ2 | E3 | 31B | INTERRUPT WAIT FOR | | |
| 44877 | | XA223 | 74 | | XA215 | 79 | | | 16B | 9 | | JAIENS | 01 | JAIENS | 00 | 1 | TQ2 | E3 | 31B | | | |
| 47769 | | XA223 | 75 | | | | | | | | | JAIENS | 01 | JAIENS | 00 | 1 | TQ2 | E3 | 31B | | | |
| 45485 | | XA223 | 76 | | XA224 | 60 | | | 16B | 9 | | JAIENS | 01 | JAIENS | 00 | 1 | TQ2 | E3 | 31B | | | |
| 46421 | | XA223 | 77 | | XA223 | 73 | | | 16B | 9 | | JAIENS | 01 | JAIENS | 00 | 1 | TQ2 | E3 | 31B | | | |
| 46420 | | XA223 | 78 | | XA223 | 77 | | | 16B | 9 | | JAIENS | 01 | JAIENS | 00 | 1 | TQ2 | E3 | 31B | | | A03 |
| 46382 | | XA223 | 79 | | XA224 | 71 | | | 16B | 9 | | JAIENS | 01 | JAIENS | 00 | 1 | TQ2 | E3 | 31B | | | |
| 45490 | | XA223 | 80 | | XA220 | 78 | | | 16B | 9 | | JAIENS | 01 | JAIENS | 00 | 1 | TQ2 | E3 | 31B | | | |
| 45049 | | XA224 | 01 | | XA223 | 01 | | | 16B | 9 | | JLPTBS | 01 | JLPTBR | 01 | 1 | TT3 | A2 | 02B | | | |
| 44388 | | XA224 | 02 | | | | | | | | | GND | 01 | | | | | 01B | | | | |
| 45995 | | XA224 | 03 | | XA224 | 08 | | | 16B | 9 | | JXXDDP | 02 | JLPTBR | 01 | 2 | TT3 | A2 | 02A | | | |
| 45059 | | XA224 | 04 | | XA223 | 08 | | | 16B | 9 | | JLPT2R | 01 | JLPT2R | 00 | 1 | TT3 | A1 | 04A | | | |
| 45650 | | XA224 | 05 | | XA224 | 25 | | | 16B | 9 | | JXRSOB | 23 | JLPTBR | 01 | 3 | TT3 | A2 | 03B | | | |
| 45062 | | XA224 | 06 | | XA227 | 65 | | | 16B | 9 | | JLPT2S | 02 | JLPT2R | 01 | 1 | TT3 | A1 | 05A | | | |
| 45047 | | XA224 | 07 | | XA225 | 20 | | | 16B | 9 | | JLPTBR | 02 | JLPTBR | 00 | 1 | TT3 | A2 | 03A | | | |
| 45996 | | XA224 | 08 | | XA225 | 66 | | | 16B | 9 | | JXXDDP | 03 | JLPT2R | 01 | 2 | TT3 | A1 | 06A | | | |
| 45109 | | XA224 | 09 | | | | | | | | | JSNCOS | 03 | JSNCOR | 01 | 1 | TT3 | A3 | 04B | | | |
| 45648 | | XA224 | 10 | | XA224 | 13 | | | 16B | 9 | | JXRSOB | 21 | JLPT2R | 01 | 3 | TT3 | A1 | 07A | | | |
| 44868 | | XA224 | 11 | | XA224 | 23 | | | 16B | 9 | | JINTJA | 01 | JSNCOR | 01 | 2 | TT3 | A3 | 05B | | | |
| 44063 | | XA224 | 12 | | | | | | | | | +5V | 01 | | | | | | | | | |
| CONNECTOR XA224 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA224
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 126

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SPEC INST. IN USE | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------------------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------------------|
| | PREFIX | CONNECTOR | PIN | SH TC | PREFIX | CONNECTOR | PIN | SH TC | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 45649 | | XA224 | 13 | | XA224 | 05 | | | | 16B | 9 | | JXRS0B | 22 | JSNCOR | 01 | 3 | TT3 | A3 | | 06B | | |
| 45093 | | XA224 | 14 | | XA222 | 17 | | | | 16B | 9 | | JPOUTO | 01 | JPDT8A | 01 | 1 | TT3 | B2 | | 09A | | |
| 45105 | | XA224 | 15 | | XA223 | 03 | | | | 16B | 9 | | JSNCOR | 02 | JSNCOR | 00 | 1 | TT3 | A3 | | 07B | | |
| 44389 | | XA224 | 16 | | | | | | | | | | GND | 01 | | | | TT3 | | | 21B | | |
| 44747 | | XA224 | 17 | | XA230 | 57 | | | | 16B | 9 | | JDOPBP | 01 | JPDT8A | 01 | 2 | TT3 | B2 | | 08B | | |
| 45033 | | XA224 | 18 | | XA221 | 25 | | | | 16B | 9 | | JK1280 | 01 | JPDT8A | 01 | 3 | TT3 | B2 | | 10A | | |
| 45071 | | XA224 | 19 | | XA220 | 17 | | | | 16B | 9 | | JPDT8A | 01 | JPDT8A | 00 | 1 | TT3 | B2 | | 09B | | A03 |
| 44859 | | XA224 | 20 | | | | | | | | | | JIEN1R | 02 | JIEN1R | 00 | 1 | TT3 | B1 | | 11A | | |
| 44658 | | XA224 | 21 | | XA223 | 21 | | | | 16B | 9 | | JBUSYS | 02 | JBUSYR | 01 | 1 | TT3 | B3 | | 10B | | |
| 44860 | | XA224 | 22 | | XA223 | 22 | | | | 16B | 9 | | JIEN1S | 01 | JIEN1R | 01 | 1 | TT3 | B1 | | 12A | | |
| 44869 | | XA224 | 23 | | XA222 | 75 | | | | 16B | 9 | | JINT1A | 02 | JBUSYR | 01 | 2 | TT3 | B3 | | 11B | | |
| 44866 | | XA224 | 24 | | XA221 | 63 | | | | 16B | 9 | | JIEN3A | 01 | JIEN1R | 01 | 2 | TT3 | B1 | | 13A | | |
| 45651 | | XA224 | 25 | | XA224 | 26 | | | | 16B | 9 | | JXRS0B | 24 | JBUSYR | 01 | 3 | TT3 | B3 | | 12B | | |
| 45652 | | XA224 | 26 | | XA224 | 34 | | | | 16B | 9 | | JXRS0B | 25 | JIEN1R | 01 | 3 | TT3 | B1 | | 14A | | |
| 44655 | | XA224 | 27 | | XA232 | 71 | | | | 16B | 9 | | JBUSYR | 03 | JBUSYR | 00 | 1 | TT3 | B3 | | 13B | | |
| 44064 | | XA224 | 28 | | | | | | | | | | +5V | 01 | | | | TT3 | | | | | |
| 45127 | | XA224 | 29 | | XA223 | 30 | | | | 16B | 9 | | JSNC2S | 03 | JSNC2R | 01 | 1 | TT3 | C2 | | 14B | | |
| 45131 | | XA224 | 30 | | XA223 | 27 | | | | 16B | 9 | | JSNC3A | 01 | JSNC2R | 01 | 2 | TT3 | C2 | | 15A | | |
| 45122 | | XA224 | 31 | | XA223 | 34 | | | | 16B | 9 | | JSNC2R | 01 | JSNC2R | 00 | 1 | TT3 | C2 | | 15B | | |
| 44390 | | XA224 | 32 | | | | | | | | | | GND | 01 | | | | TT3 | | | 27A | | |
| 44710 | | XA224 | 33 | | XA222 | 52 | | | | 16B | 9 | | JDEV2S | 01 | JDEV2A | 01 | 1 | TT3 | C3 | | 16B | | |
| 45653 | | XA224 | 34 | | XA224 | 42 | | | | 16B | 9 | | JXRS0B | 26 | JSNC2R | 01 | 3 | TT3 | C2 | | 16A | | |
| 46034 | | XA224 | 35 | | XA224 | 47 | | | | 16B | 9 | | JXXREP | 01 | JDEV2A | 01 | 2 | TT3 | C3 | | 17B | | |
| 45114 | | XA224 | 36 | | | | | | | | | | JSNC1R | 03 | JSNC1R | 00 | 1 | TT3 | C1 | | 17A | | |
| 45374 | | XA224 | 37 | | XA223 | 25 | | | | 16B | 9 | | JXCP1B | 18 | JDEV2A | 01 | 3 | TT3 | C3 | | 18B | | |
| 45116 | | XA224 | 38 | | XA223 | 38 | | | | 16B | 9 | | JSNC1S | 02 | JSNC1R | 01 | 1 | TT3 | C1 | | 18A | | |
| 44705 | | XA224 | 39 | | XA222 | 50 | | | | 16B | 9 | | JDEV2A | 01 | JDEV2A | 00 | 1 | TT3 | C3 | | 19B | | |
| 45111 | | XA224 | 40 | | | | | | | | | | JSNC1A | 02 | JSNC1R | 01 | 2 | TT3 | C1 | | 19A | | |
| 44574 | | XA224 | 41 | | XA225 | 45 | | | | 16B | 9 | | JAENOR | 02 | JAENOS | 01 | 1 | TT3 | D2 | | 22B | | |
| 45654 | | XA224 | 42 | | XA225 | 50 | | | | 16B | 9 | | JXRS0B | 27 | JSNC1R | 01 | 3 | TT3 | C1 | | 20A | | |
| 44577 | | XA224 | 43 | | XA225 | 43 | | | | 16B | 9 | | JAENOG | 02 | JAENOS | 00 | 1 | TT3 | D2 | | 23B | | OUTPUT COUNTER BIT |
| 44391 | | XA224 | 44 | | | | | | | | | | GND | 01 | | | | TT3 | | | 40A | | |
| 46033 | | XA224 | 45 | | | | | | | | | | JXXRCO | 02 | JXXRCA | 01 | 1 | TT3 | D3 | | 24B | | |
| 44570 | | XA224 | 46 | | | | | | | | | | JAENOA | 01 | JAENOS | 01 | 2 | TT3 | D2 | | 21A | | |
| 46035 | | XA224 | 47 | | XA218 | 59 | | | | 16B | 9 | | JXXREP | 02 | JXXRCA | 01 | 2 | TT3 | D3 | | 25B | | |
| 44588 | | XA224 | 48 | | | | | | | | | | JAEN2A | 02 | JAENOS | 01 | 3 | TT3 | D2 | | 22A | | |
| 44691 | | XA224 | 49 | | | | | | | | | | JDEV1R | 03 | JXXRCA | 01 | 3 | TT3 | D3 | | 26B | | |
| 44978 | | XA224 | 50 | | | | | | | | | | JK087A | 02 | JK087A | 00 | 1 | TT3 | D1 | | 23A | | KK08 BITS STATE 7 |
| 46026 | | XA224 | 51 | | XA217 | 63 | | | | 16B | 9 | | JXXRCA | 01 | JXXRCA | 00 | 1 | TT3 | D3 | | 27B | | SET IOU REQUEST CC |
| 44963 | | XA224 | 52 | | XA215 | 08 | | | | 16B | 9 | | JK08B3U | 02 | JK087A | 01 | 1 | TT3 | D1 | | 24A | | |
| 44886 | | XA224 | 53 | | | | | | | | | | JIOUTS | 02 | JIOUTR | 01 | 1 | TT3 | E2 | | 28B | | |
| 44960 | | XA224 | 54 | | XA219 | 53 | | | | 16B | 9 | | JK08B2U | 02 | JK087A | 01 | 2 | TT3 | D1 | | 25A | | A03 |
| 44883 | | XA224 | 55 | | XA223 | 62 | | | | 16B | 9 | | JIOUTR | 01 | JIOUTR | 00 | 1 | TT3 | E2 | | 29B | | |
| 44957 | | XA224 | 56 | | XA233 | 54 | | | | 16B | 9 | | JK08B1U | 02 | JK087A | 01 | 3 | TT3 | D1 | | 26A | | |
| 44721 | | XA224 | 57 | | | | | | | | | | JDPTRA | 02 | JDRS00 | 01 | 1 | TT3 | E3 | | 30B | | |
| 44392 | | XA224 | 58 | | | | | | | | | | GND | 01 | | | | TT3 | | | 40B | | |
| 46061 | | XA224 | 59 | | XA220 | 71 | | | | 16B | 9 | | JXODRA | 02 | JDRS00 | 01 | 2 | TT3 | E3 | | 31B | | |
| 44880 | | XA224 | 60 | | XA225 | 11 | | | | 16B | 9 | | JXEAOA | 02 | JIOUTR | 01 | 2 | TT3 | E2 | | 28A | | A03 |
| 45659 | | XA224 | 61 | | XA220 | 56 | | | | 16B | 9 | | JXRS0B | 32 | JDRS00 | 01 | 3 | TT3 | E3 | | 32B | | |
| 45658 | | XA224 | 62 | | XA224 | 61 | | | | 16B | 9 | | JXRS0B | 31 | JIOUTR | 01 | 3 | TT3 | E2 | | 29A | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA224
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 127

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | SFC INST W/LOC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|---------------------------------|-----|--------|-----------|-----|-------------|------|-------|----------------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|---------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 44739 | | XA224 | 63 | | XA227 | 71 | | 16B | 9 | | JDRS00 | 01 | JDRS00 | 00 | 1 | TT3 | E3 | | 33B | RESET DATA REGISTER | |
| 44841 | | XA224 | 64 | | | | | | | | JIENSA | 02 | JIENSA | 00 | 1 | TT3 | F1 | | 30A | START MAIN TIME CO | |
| 46232 | | XA224 | 65 | | XA225 | 72 | | 16B | 9 | | SPJ0032 | 26 | | 01 | 1 | TT3 | F2 | | 34B | | |
| 44629 | | XA224 | 66 | | XA231 | 71 | | 16B | 9 | | JAIENS | 11 | JIENSA | 01 | 1 | TT3 | F1 | | 31A | | |
| 44393 | | XA224 | 67 | | | | | | | | GND | 01 | | | | TT3 | | | | | |
| 44844 | | XA224 | 68 | | XA218 | 62 | | 16B | 9 | | JIEN00 | 01 | JIENSA | 01 | 2 | TT3 | F1 | | 32A | | |
| 46014 | | XA224 | 69 | | XA223 | 69 | | 16B | 9 | | JXXDIS | 02 | JXXDIR | 01 | 1 | TT3 | F3 | | 35A | | |
| 44857 | | XA224 | 70 | | | | | | | | JIENIP | 02 | JIENSA | 01 | 3 | TT3 | F1 | | 33A | | |
| 46383 | | XA224 | 71 | | XA225 | 73 | | 16B | 9 | | SPIO142 | 22 | | 01 | 2 | TT3 | F2 | | 36A | | |
| 46424 | | XA224 | 72 | | XA225 | 74 | | 16B | 9 | | SPIO152 | 26 | | 01 | 3 | TT3 | F2 | | 34A | | |
| 44631 | | XA224 | 73 | | XA225 | 60 | | 16B | 9 | | JAIERA | 01 | JAIERA | 00 | 1 | TT3 | F1 | | 36B | RESET AUTO INPUT | |
| 47770 | | XA224 | 74 | | | | | | | | SPO | 01 | | 00 | 1 | TT3 | F2 | | 35B | | |
| 44673 | | XA224 | 75 | | XA225 | 75 | | 16B | 9 | | JDAINQ | 07 | JAIERA | 01 | 1 | TT3 | F1 | | 37B | | |
| 45554 | | XA224 | 76 | | XA237 | 66 | | 16B | 9 | | JXINHR | 01 | JXXDIR | 01 | 2 | TT3 | F3 | | 37A | | |
| 45498 | | XA224 | 77 | | XA227 | 41 | | 16B | 9 | | JXEBIQ | 01 | JAIERA | 01 | 2 | TT3 | F1 | | 38B | | |
| 46005 | | XA224 | 78 | | XA225 | 68 | | 16B | 9 | | JXXDIP | 03 | JXXDIR | 01 | 3 | TT3 | F3 | | 38A | | |
| 45390 | | XA224 | 79 | | XA222 | 64 | | 16B | 9 | | JXCP3B | 05 | JAIERA | 01 | 3 | TT3 | F1 | | 39B | | |
| 46012 | | XA224 | 80 | | | | | | | | JXXDIR | 04 | JXXDIR | 00 | 1 | TT3 | F3 | | 39A | | |
| 44755 | | XA225 | 01 | | XA220 | 06 | | 16B | 9 | | JDOUQ | 03 | JXDPEA | 01 | 1 | TD4 | A2 | | 02B | | |
| 44394 | | XA225 | 02 | | | | | | | | GND | 01 | | | | TD4 | | | 01A | | |
| 44168 | | XA225 | 03 | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 45508 | | XA225 | 04 | | XA225 | 24 | | 16B | 9 | | JXENAS | 01 | JXDPEA | 01 | 2 | TD4 | A2 | | 04A | | |
| 45712 | | XA225 | 05 | | | | | | | | JXROPPR | 04 | JXDPEA | 01 | 3 | TD4 | A2 | | 03B | | |
| 45753 | | XA225 | 06 | | XA228 | 71 | | 16B | 9 | | JXR7CS | 00 | JXEAOA | 01 | 1 | TD4 | A1 | | 05A | | A03 |
| 45888 | | XA225 | 07 | | XA225 | 26 | | 16B | 9 | | JXXA50 | 01 | JXDPEA | 01 | 4 | TD4 | A2 | | 03A | | |
| 45604 | | XA225 | 08 | | | | | | | | JXRENS | 03 | JXEAOA | 01 | 2 | TD4 | A1 | | 06A | | |
| 45454 | | XA225 | 09 | | XA222 | 71 | | 16B | 9 | | JXDPEA | 01 | JXDPEA | 00 | 1 | TD4 | A2 | | 04B | AUTO OUTPUT COMND | |
| 46055 | | XA225 | 10 | | XA238 | 72 | | 16B | 9 | | JXX050 | 01 | JXEAOA | 01 | 3 | TD4 | A1 | | 07A | | |
| 45486 | | XA225 | 11 | | XA235 | 19 | | 16B | 9 | | JXEAOA | 03 | JXEAOA | 00 | 1 | TD4 | A1 | | 05B | SET ENABLE ADDRESS | |
| 44065 | | XA225 | 12 | | | | | | | | +5V | 01 | | | | TD4 | | | | | |
| 45705 | | XA225 | 13 | | XA231 | 37 | | 16B | 9 | | JXROPA | 03 | JXEAOA | 01 | 4 | TD4 | A1 | | 06B | | |
| 45104 | | XA225 | 14 | | XA224 | 15 | | 16B | 9 | | JSNCOR | 01 | JPBZY0 | 01 | 1 | TD4 | B2 | | 09A | | |
| 44169 | | XA225 | 15 | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 44395 | | XA225 | 16 | | | | | | | | GND | 01 | | | | TD4 | | | 20B | | |
| 44170 | | XA225 | 17 | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 44875 | | XA225 | 18 | | XA222 | 14 | | 16B | 9 | | JINT2A | 01 | JPBZY0 | 01 | 2 | TD4 | B2 | | 10A | | |
| 46009 | | XA225 | 19 | | XA221 | 55 | | 16B | 9 | | JXXDIR | 01 | JPBZY0 | 01 | 3 | TD4 | B2 | | 09B | | |
| 45048 | | XA225 | 20 | | | | | | | | JLPTBR | 03 | JPBZY0 | 01 | 4 | TD4 | B2 | | 11A | | |
| 45066 | | XA225 | 21 | | XA223 | 47 | | 16B | 9 | | JPBZY0 | 01 | JPBZY0 | 00 | 1 | TD4 | B2 | | 10B | TTY HARDWARE BUSY | |
| 44754 | | XA225 | 22 | | XA225 | 01 | | 16B | 9 | | JDOUQ | 02 | JXED0A | 01 | 1 | TD4 | B1 | | 12A | | |
| 45505 | | XA225 | 23 | | | | | | | | JXED0A | 04 | JXED0A | 00 | 1 | TD4 | B1 | | 11B | AUTO OUTPUT DATA | |
| 45509 | | XA225 | 24 | | XA235 | 21 | | 16B | 9 | | JXENAS | 02 | JXED0A | 01 | 2 | TD4 | B1 | | 13A | | |
| 45927 | | XA225 | 25 | | XA231 | 04 | | 16B | 9 | | JXXB10 | 02 | JXED0A | 01 | 3 | TD4 | B1 | | 12B | | |
| 45889 | | XA225 | 26 | | XA232 | 37 | | 16B | 9 | | JXXA50 | 02 | JXED0A | 01 | 4 | TD4 | B1 | | 14A | | |
| 44171 | | XA225 | 27 | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 44066 | | XA225 | 28 | | | | | | | | +5V | 01 | | | | TD4 | | | | | |
| 44172 | | XA225 | 29 | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 45346 | | XA225 | 30 | | | | | | | | JXCA10 | 07 | JXQROA | 01 | 1 | TD4 | C2 | | 15A | | |
| CONNECTOR | XA225 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA225
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 128

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | FCO NO |
|---------------|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|-----------------------|
| | PREFIX | CONNECTOR | PIN | SH FTG | PREFIX | CONNECTOR | PIN | SH FTG | MULTI GROUP | CODE | COLOR | IDENY | | | | | | | | | | | |
| 45440 | | XA225 | 31 | | | | | | | 16B | 9 | | JXDEVA | 01 | JXROA | 01 | 2 | TD4 | C2 | | 15B | | |
| 44396 | | XA225 | 32 | | | XA226 | 24 | | | | | | GND | 01 | | | | TD4 | | | | 21B | |
| 46082 | | XA225 | 33 | | | | | | | | | | JXROA | 02 | JXROA | 00 | 1 | TD4 | C2 | | | 16B | COMMAND IS OFR |
| 46077 | | XA225 | 34 | | | | | | | | | | JXOFRO | 02 | JXROA | 01 | 3 | TD4 | C2 | | | 16A | |
| 45469 | | XA225 | 35 | | | | | | | | | | JXDVOA | 02 | JXDVOA | 00 | 1 | TD4 | C1 | | | 17B | SET DEVIC COMMAND A03 |
| 44650 | | XA225 | 36 | | | XA225 | 42 | | | 16B | 9 | | JBUSYA | 01 | JXROA | 01 | 4 | TD4 | C2 | | | 17A | |
| 45345 | | XA225 | 37 | | | XA225 | 30 | | | 16B | 9 | | JXCA10 | 06 | JXDVOA | 01 | 1 | TD4 | C1 | | | 18B | |
| 45451 | | XA225 | 38 | | | XA226 | 22 | | | 16B | 9 | | JXDEVO | 01 | JXDVOA | 01 | 2 | TD4 | C1 | | | 18A | |
| 44173 | | XA225 | 39 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 45461 | | XA225 | 40 | | | | | | | | | | JXDVCO | 03 | JXDVOA | 01 | 3 | TD4 | C1 | | | 19A | |
| 44174 | | XA225 | 41 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 44651 | | XA225 | 42 | | | XA223 | 51 | | | 16B | 9 | | JBUSYA | 02 | JXDVOA | 01 | 4 | TD4 | C1 | | | 20A | |
| 44578 | | XA225 | 43 | | | | | | | | | | JAENOS | 03 | JAENOR | 01 | 1 | TD4 | D2 | | | 23B | |
| 44397 | | XA225 | 44 | | | | | | | | | | GND | 01 | | | | TD4 | | | | 27A | |
| 44575 | | XA225 | 45 | | | | | | | | | | JAENOR | 03 | JAENOR | 00 | 1 | TD4 | D2 | | | 24B | |
| 44640 | | XA225 | 46 | | | XA221 | 30 | | | 16B | 9 | | JAOENS | 01 | JAENOR | 01 | 2 | TD4 | D2 | | | 21A | |
| 44847 | | XA225 | 47 | | | XA223 | 54 | | | 16B | 9 | | JIENOR | 01 | JIENOR | 00 | 1 | TD4 | D1 | | | 25B | |
| 44579 | | XA225 | 48 | | | XA223 | 46 | | | 16B | 9 | | JAENIA | 01 | JAENOR | 01 | 3 | TD4 | D2 | | | 22A | |
| 44850 | | XA225 | 49 | | | XA223 | 52 | | | 16B | 9 | | JIENOS | 01 | JIENOR | 01 | 1 | TD4 | D1 | | | 26B | |
| 45655 | | XA225 | 50 | | | XA225 | 56 | | | 16B | 9 | | JXRSOB | 28 | JAENOR | 01 | 4 | TD4 | D2 | | | 23A | |
| 44175 | | XA225 | 51 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 44853 | | XA225 | 52 | | | XA223 | 64 | | | 16B | 9 | | JIENIA | 00 | JIENOR | 01 | 2 | TD4 | D1 | | | 24A | A03 |
| 44176 | | XA225 | 53 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 44628 | | XA225 | 54 | | | XA224 | 66 | | | 16B | 9 | | JAIENS | 10 | JIENOR | 01 | 3 | TD4 | D1 | | | 25A | |
| 44627 | | XA225 | 55 | | | XA225 | 54 | | | 16B | 9 | | JAIENS | 09 | JAIENR | 01 | 1 | TD4 | E2 | | | 29B | |
| 45666 | | XA225 | 56 | | | XA225 | 64 | | | 16B | 9 | | JXRSOB | 29 | JIENOR | 01 | 4 | TD4 | D1 | | | 26A | |
| 44617 | | XA225 | 57 | | | XA223 | 53 | | | 16B | 9 | | JAIENR | 01 | JAIENR | 00 | 1 | TD4 | E2 | | | 30B | |
| 44398 | | XA225 | 58 | | | | | | | | | | GND | 01 | | | | TD4 | | | | 40A | |
| 45965 | | XA225 | 59 | | | XA218 | 75 | | | 16B | 9 | | JXXCRO | 05 | JXXCRO | 00 | 1 | TD4 | E1 | | | 31B | IOU INPUT STROBE |
| 44632 | | XA225 | 60 | | | XA218 | 39 | | | 16B | 9 | | JAIERA | 02 | JAIENR | 01 | 2 | TD4 | E2 | | | 28A | |
| 45954 | | XA225 | 61 | | | | | | | | | | JXXCIP | 03 | JXXCRO | 01 | 1 | TD4 | E1 | | | 32B | |
| 44823 | | XA225 | 62 | | | | | | | | | | JETX1A | 04 | JAIENR | 01 | 3 | TD4 | E2 | | | 29A | |
| 44177 | | XA225 | 63 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 45657 | | XA225 | 64 | | | XA224 | 62 | | | 16B | 9 | | JXRSOB | 30 | JAIENR | 01 | 4 | TD4 | E2 | | | 30A | |
| 44178 | | XA225 | 65 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 45997 | | XA225 | 66 | | | XA217 | 76 | | | 16B | 9 | | JXXDDP | 04 | JXXCRO | 01 | 2 | TD4 | F1 | | | 31A | |
| 44399 | | XA225 | 67 | | | | | | | | | | GND | 01 | | | | TD4 | | | | 40B | |
| 46006 | | XA225 | 68 | | | XA232 | 59 | | | 16B | 9 | | JXXDIP | 04 | JXXCRO | 01 | 3 | TD4 | E1 | | | 32A | |
| 47771 | | XA225 | 69 | | | | | | | | | | SPO | 01 | | 00 | 1 | TD4 | F2 | | | 35A | |
| 46023 | | XA225 | 70 | | | XA232 | 61 | | | 16B | 9 | | JXXDSP | 03 | JXXCRO | 01 | 4 | TD4 | F1 | | | 33A | |
| 46249 | | XA225 | 71 | | | XA213 | 79 | | | 16B | 9 | | SPI0042 | 11 | | 01 | 1 | TD4 | F2 | | | 36A | |
| 46233 | | XA225 | 72 | | | XA229 | 36 | | | 16B | 9 | | SPI0032 | 27 | | 01 | 2 | TD4 | F2 | | | 34A | A03 |
| 46384 | | XA225 | 73 | | | XA226 | 77 | | | 16B | 9 | | SPI0142 | 23 | | 01 | 3 | TD4 | F2 | | | 36B | |
| 46425 | | XA225 | 74 | | | XA226 | 73 | | | 16B | 9 | | SPI0152 | 27 | | 01 | 4 | TD4 | F2 | | | 35B | |
| 44674 | | XA225 | 75 | | | XA230 | 37 | | | 16B | 9 | | JDAINQ | 08 | JAINOA | 01 | 1 | TD4 | F1 | | | 37B | |
| 44636 | | XA225 | 76 | | | | | | | | | | JAINOA | 02 | JAINOA | 00 | 1 | TD4 | F1 | | | 37A | START INPUT COMMAN |
| 45126 | | XA225 | 77 | | | XA224 | 29 | | | 16B | 9 | | JSNC2S | 02 | JAINOA | 01 | 2 | TD4 | F1 | | | 38B | |
| 44657 | | XA225 | 78 | | | XA224 | 21 | | | 16B | 9 | | JBUSYS | 01 | JAINOA | 01 | 3 | TD4 | F1 | | | 38A | |
| 45389 | | XA225 | 79 | | | XA224 | 79 | | | 16B | 9 | | JXCP3B | 04 | JAINOA | 01 | 4 | TD4 | F1 | | | 39B | |
| 44179 | | XA225 | 80 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA226
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 129

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SPE. INST. MISC. | SIGNAL | SEQ NO. | EQUATION | TERM. | FACTOR | CAT. OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO. |
|---|--------|-----------|-----|--------|-----------|-----|-------|-------------|------|-------|------------------|---------|---------|----------|-------|--------|-------------------|-------|---------------------|-------------|-----|-----------------------------------|---------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | DIAG. | MULTI GROUP | CODE | COLOR | | | | | | | | | | IDENT | AND | | |
| 45400 | | XA226 | 01 | | XA226 | 15 | | | 16B | 9 | | JXCP30 | 15 | JXCP3B | 01 | 1 | TQ2 | A2 | | 02B | | CLOCK PHASE 3 BUS JXCP3B BUSS | |
| 45415 | | XA226 | 01 | | | | | | | | J | JXCP30 | 01 | JXCP30 | 00 | 1 | TQ2 | A2 | | 02B | | | |
| 44400 | | XA226 | 02 | | | | | | | | | GND | 01 | | | | TQ2 | | | 01A | | | |
| 45384 | | XA226 | 03 | | XA226 | 04 | | | 16B | 9 | | JXCP3A | 03 | JXCP40 | 01 | 1 | TQ2 | A3 | | 02A | | | |
| 45385 | | XA226 | 04 | | | | | | | | | JXCP3A | 04 | JXCP30 | 01 | 1 | TQ2 | A2 | | 04A | | | |
| 46402 | | XA226 | 05 | | XA227 | 05 | | | 16B | 9 | | SPI0152 | 04 | JXCP30 | 01 | 2 | TQ2 | A2 | | 03B | | | |
| 45613 | | XA226 | 06 | | XA238 | 31 | | | 16B | 9 | | JXRRSA | 01 | JXRRSA | 00 | 1 | TQ2 | A1 | | 05A | | RESET I/O INPUT RE | |
| 46401 | | XA226 | 07 | | XA226 | 05 | | | 16B | 9 | | SPI0152 | 03 | JXCP40 | 01 | 2 | TQ2 | A3 | | 03A | | | |
| 45626 | | XA226 | 08 | | | | | | | | | JXRRS0 | 02 | JXRRSA | 01 | 1 | TQ2 | A1 | | 06A | | | |
| 45402 | | XA226 | 09 | | XA220 | 10 | | | 16B | 9 | | JXCP40 | 17 | JXCP3B | 01 | 2 | TQ2 | A3 | | 04B | | CLOCK PHASE 3 BUS JXCP3B BUSS | |
| 45416 | | XA226 | 09 | | | | | | | | J | JXCP40 | 01 | JXCP40 | 00 | 1 | TQ2 | A3 | | 04B | | | |
| 46400 | | XA226 | 10 | | XA226 | 07 | | | 16B | 9 | | SPI0152 | 02 | JXRRSA | 01 | 2 | TQ2 | A1 | | 07A | | | |
| 45383 | | XA226 | 11 | | XA226 | 03 | | | 16B | 9 | | JXCP3A | 02 | JXCP50 | 01 | 1 | TQ2 | A4 | | 05B | | | |
| 44067 | | XA226 | 12 | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | | |
| 46406 | | XA226 | 13 | | XA226 | 19 | | | 16B | 9 | | SPI0152 | 08 | JXCP50 | 01 | 2 | TQ2 | A4 | | 06B | | | |
| 45142 | | XA226 | 14 | | XA227 | 17 | | | 16B | 9 | | JSYN10 | 01 | JSYN10 | 00 | 1 | TQ2 | B2 | | 05A | | | |
| 45401 | | XA226 | 15 | | XA226 | 09 | | | 16B | 9 | | JXCP50 | 16 | JXCP3B | 01 | 3 | TQ2 | A4 | | 07B | | CLOCK PHASE 3 BUS JXCP3B BUSS | |
| 45417 | | XA226 | 15 | | | | | | | | J | JXCP50 | 01 | JXCP50 | 00 | 1 | TQ2 | A4 | | 07B | | | |
| 44401 | | XA226 | 16 | | | | | | | | | GND | 01 | | | | TQ2 | | | 01B | | | |
| 45582 | | XA226 | 17 | | XA226 | 18 | | | 16B | 9 | | JXRAF5T | 01 | JDAINO | 01 | 1 | TQ2 | B3 | | 08B | | | |
| 45583 | | XA226 | 18 | | XA234 | 07 | | | 16B | 9 | | JXRAF5T | 02 | JSYN10 | 01 | 1 | TQ2 | B2 | | 10A | | | |
| 46407 | | XA226 | 19 | | XA227 | 26 | | | 16B | 9 | | SPI0152 | 09 | JDAINO | 01 | 2 | TQ2 | B3 | | 09B | | | |
| 45588 | | XA226 | 20 | | XA234 | 11 | | | 16B | 9 | | JXRAF7T | 02 | JSYN10 | 01 | 2 | TQ2 | B2 | | 11A | | | A05 |
| 44677 | | XA226 | 21 | | | | | | | | | JDAINO | 02 | JDAINO | 00 | 1 | TQ2 | B3 | | 10B | | | |
| 45452 | | XA226 | 22 | | XA232 | 11 | | | 16B | 9 | | JXDEVO | 02 | JXDEVO | 00 | 1 | TQ2 | B1 | | 12A | | | |
| 45587 | | XA226 | 23 | | XA226 | 20 | | | 16B | 9 | | JXRAF7T | 01 | JDOUTO | 01 | 1 | TQ2 | B4 | | 11B | | | |
| 45441 | | XA226 | 24 | | XA227 | 38 | | | 16B | 9 | | JXDEVA | 02 | JXDEVO | 01 | 1 | TQ2 | B1 | | 13A | | | |
| 46411 | | XA226 | 25 | | XA226 | 31 | | | 16B | 9 | | SPI0152 | 13 | JDOUTO | 01 | 2 | TQ2 | B4 | | 12B | | | |
| 46410 | | XA226 | 26 | | XA226 | 25 | | | 16B | 9 | | SPI0152 | 12 | JXDEVO | 01 | 2 | TQ2 | B1 | | 14A | | | |
| 44762 | | XA226 | 27 | | | | | | | | | JDOUTO | 02 | JDOUTO | 00 | 1 | TQ2 | B4 | | 13B | | | |
| 44068 | | XA226 | 28 | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | | |
| 45682 | | XA226 | 29 | | XA238 | 27 | | | 16B | 9 | | JXRS00 | 03 | JXRS5A | 01 | 1 | TQ2 | C3 | | 14B | | | |
| 45690 | | XA226 | 30 | | | | | | | | | JXRS4A | 03 | JXRS1B | 01 | 2 | TQ2 | C2 | | 15A | | MASTER RESET BUS 1 JXRS1B BUSS | |
| 45693 | | XA226 | 30 | | | | | | | | J | JXRS4A | 01 | JXRS4A | 00 | 1 | TQ2 | C2 | | 15A | | | |
| 46412 | | XA226 | 31 | | XA226 | 42 | | | 16B | 9 | | SPI0152 | 14 | JXRS5A | 01 | 2 | TQ2 | C3 | | 15B | | | |
| 44402 | | XA226 | 32 | | | | | | | | | GND | 01 | | | | TQ2 | | | 20B | | | |
| 45688 | | XA226 | 33 | | XA226 | 38 | | | 16B | 9 | | JXRS5A | 01 | JXRS1B | 01 | 3 | TQ2 | C3 | | 16B | | MASTER RESET BUS 1 JXRS1B BUSS | |
| 45694 | | XA226 | 33 | | | | | | | | J | JXRS5A | 01 | JXRS5A | 00 | 1 | TQ2 | C3 | | 16B | | | |
| 45681 | | XA226 | 34 | | XA226 | 29 | | | 16B | 9 | | JXRS00 | 02 | JXRS4A | 01 | 1 | TQ2 | C2 | | 16A | | | |
| 45719 | | XA226 | 35 | | XA233 | 33 | | | 16B | 9 | | JXRO94T | 01 | JXIRC0 | 01 | 1 | TQ2 | C4 | | 17B | | | |
| 46414 | | XA226 | 36 | | XA226 | 37 | | | 16B | 9 | | SPI0152 | 16 | JXRS4A | 01 | 2 | TQ2 | C2 | | 17A | | | |
| 46415 | | XA226 | 37 | | XA226 | 43 | | | 16B | 9 | | SPI0152 | 17 | JXIRC0 | 01 | 2 | TQ2 | C4 | | 18B | | | |
| 45689 | | XA226 | 38 | | XA226 | 30 | | | 16B | 9 | | JXRS3A | 02 | JXRS1B | 01 | 1 | TQ2 | C1 | | 18A | | MASTER RESET BUS 1 JXRS1B BUSS | |
| 45692 | | XA226 | 38 | | | | | | | | J | JXRS3A | 01 | JXRS3A | 00 | 1 | TQ2 | C1 | | 18A | | | |
| 45565 | | XA226 | 39 | | XA232 | 23 | | | 16B | 9 | | JXIRC0 | 01 | JXIRC0 | 00 | 1 | TQ2 | C4 | | 19B | | | |
| 45680 | | XA226 | 40 | | XA226 | 34 | | | 16B | 9 | | JXRS00 | 01 | JXRS3A | 01 | 1 | TQ2 | C1 | | 19A | | | |
| 45807 | | XA226 | 41 | | | | | | | | | JXST20 | 02 | JXST2A | 01 | 1 | TQ2 | D3 | | 22B | | | |
| 46413 | | XA226 | 42 | | XA226 | 36 | | | 16B | 9 | | SPI0152 | 15 | JXRS2A | 01 | 2 | TQ2 | C1 | | 20A | | | |
| 46416 | | XA226 | 43 | | XA226 | 49 | | | 16B | 9 | | SPI0152 | 18 | JXST2A | 01 | 2 | TQ2 | D3 | | 23B | | | |
| 44403 | | XA226 | 44 | | | | | | | | | GND | 01 | | | | TQ2 | | | 21B | | | |
| CONNECTOR (XA226) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1144

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA226
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 130

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | SPEC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------------|------|-------|----------------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 45804 | | XA226 | 45 | | XA228 | 39 | | 16B | 9 | | JXST2A | 01 | JXST2A | 00 | 1 | TQ2 | D3 | 24B | | | |
| 45121 | | XA226 | 46 | | | | | | | | JXST2A | 03 | JXST2A | 00 | 1 | TQ2 | D2 | 21A | | | |
| 46387 | | XA226 | 47 | | XA232 | 60 | | 16B | 9 | | SPI0142 | 26 | JXGN3A | 01 | 1 | TQ2 | D4 | 25B | | A03 | |
| 45115 | | XA226 | 48 | | XA224 | 38 | | 16B | 9 | | JXST2A | 01 | JXST2A | 01 | 1 | TQ2 | D2 | 22A | | | |
| 46417 | | XA226 | 49 | | XA223 | 49 | | 16B | 9 | | SPI0152 | 19 | JXGN3A | 01 | 2 | TQ2 | D4 | 26B | | | |
| 45367 | | XA226 | 50 | | XA221 | 61 | | 16B | 9 | | JXCP1B | 11 | JXST2A | 01 | 2 | TQ2 | D2 | 23A | | | |
| 45541 | | XA226 | 51 | | XA229 | 54 | | 16B | 9 | | JXGN3A | 06 | JXGN3A | 00 | 1 | TQ2 | D4 | 27B | | | |
| 45551 | | XA226 | 52 | | | | | | | | JXHST0 | 02 | JXHST0 | 00 | 1 | TQ2 | D1 | 24A | | | |
| 45504 | | XA226 | 53 | | XA225 | 23 | | 16B | 9 | | JXED0A | 03 | JDCP10 | 01 | 1 | TQ2 | E3 | 28B | | | |
| 45716 | | XA226 | 54 | | | | | | | | JXRO91T | 02 | JXHST0 | 01 | 1 | TQ2 | D1 | 25A | | | |
| 46066 | | XA226 | 55 | | XA226 | 64 | | 16B | 9 | | JXOD0A | 04 | JDCP10 | 01 | 2 | TQ2 | E3 | 29B | | | |
| 46431 | | XA226 | 56 | | XA244 | 65 | | 16B | 9 | | SPI0152 | 33 | JXHST0 | 01 | 2 | TQ2 | D1 | 26A | | | |
| 44688 | | XA226 | 57 | | | | | | | | JDCP10 | 05 | JDCP10 | 00 | 1 | TQ2 | E3 | 30B | DATA REGISTER CLOC | | |
| 44404 | | XA226 | 58 | | | | | | | | GND | 01 | | | | TQ2 | | 27A | | | |
| 46430 | | XA226 | 59 | | | | | | | | J1ENRA | 04 | JOUT0A | 01 | 1 | TQ2 | E4 | 31B | | A03 | |
| 44678 | | XA226 | 60 | | XA229 | 60 | | 16B | 9 | | JDCP00 | 01 | JDCP00 | 00 | 1 | TQ2 | E2 | 28A | DATA REGISTER CLOC | | |
| 46386 | | XA226 | 61 | | XA224 | 55 | | 16B | 9 | | J1OUTR | 00 | JOUT0A | 01 | 2 | TQ2 | E4 | 32B | | A03 | |
| 45503 | | XA226 | 62 | | XA226 | 53 | | 16B | 9 | | JXED0A | 02 | JDCP00 | 01 | 1 | TQ2 | E2 | 29A | | | |
| 47772 | | XA226 | 63 | | XA220 | 18 | | 16B | 9 | | JOUT0A | 01 | JOUT0A | 00 | 1 | TQ2 | E4 | 33B | SEND KEYBOARD DATA | A03 | |
| 46067 | | XA226 | 64 | | XA232 | 51 | | 16B | 9 | | JXOD0A | 05 | JDCP00 | 01 | 2 | TQ2 | E2 | 30A | | | |
| 46013 | | XA226 | 65 | | XA224 | 69 | | 16B | 9 | | JXXDIS | 01 | JXXDIA | 01 | 1 | TQ2 | F3 | 34B | | | |
| 46096 | | XA226 | 66 | | XA227 | 59 | | 16B | 9 | | J16MHA | 01 | J16MHA | 00 | 1 | TQ2 | E1 | 31A | 16 MHZ RECEIVER | | |
| 44405 | | XA226 | 67 | | | | | | | | GND | 01 | | | | TQ2 | | 40A | | | |
| 47921 | | XA226 | 68 | | XA420 | 47 | | 16B | 9 | | J16MHA | 006 | J16MHA | 01 | 1 | TQ2 | E1 | 32A | | | |
| 46001 | | XA226 | 69 | | XA218 | 65 | | 16B | 9 | | JXXDIA | 01 | JXXDIA | 00 | 1 | TQ2 | F3 | 35A | | | |
| 46427 | | XA226 | 70 | | XA226 | 78 | | 16B | 9 | | SPI0152 | 29 | J16MHA | 01 | 2 | TQ2 | E1 | 33A | | | |
| 45959 | | XA226 | 71 | | XA215 | 69 | | 16B | 9 | | JXXCIO | 01 | JXXCIA | 01 | 1 | TQ2 | F2 | 36A | | | |
| 45950 | | XA226 | 72 | | XA229 | 51 | | 16B | 9 | | JXXCIA | 01 | JXXCIA | 00 | 1 | TQ2 | F2 | 34A | | | |
| 46426 | | XA226 | 73 | | XA226 | 70 | | 16B | 9 | | SPI0152 | 28 | JXXCIA | 01 | 2 | TQ2 | F2 | 36B | | | |
| 45489 | | XA226 | 74 | | XA223 | 80 | | 16B | 9 | | JXEA00 | 02 | JXXDIA | 01 | 2 | TQ2 | F3 | 35B | | | |
| 47773 | | XA226 | 75 | | | | | | | | SPO | 01 | | 00 | 1 | TQ2 | F1 | 37B | | | |
| 46000 | | XA226 | 76 | | | | | | | | JXXDD0 | 02 | JXXDDA | 01 | 1 | TQ2 | F4 | 37A | | | |
| 46385 | | XA226 | 77 | | XA226 | 47 | | 16B | 9 | | SPI0142 | 24 | JXXDDA | 01 | 1 | TQ2 | F1 | 38B | | A03 | |
| 46428 | | XA226 | 78 | | XA226 | 79 | | 16B | 9 | | SPI0152 | 30 | JXXDDA | 01 | 2 | TQ2 | F4 | 38A | | | |
| 46429 | | XA226 | 79 | | XA226 | 56 | | 16B | 9 | | SPI0152 | 31 | JXXDDA | 01 | 2 | TQ2 | F1 | 39B | | A03 | |
| 45993 | | XA226 | 80 | | | | | | | | JXXDDA | 02 | JXXDDA | 00 | 1 | TQ2 | F4 | 39A | | | |
| 45352 | | XA227 | 01 | | | | | | | J | JXCP00 | 01 | JXCP00 | 00 | 1 | TQ2 | A2 | 02B | JXCP1B BUSS | | |
| 45357 | | XA227 | 01 | | XA227 | 09 | | 16B | 9 | | JXCP00 | 01 | JXCP1B | 01 | 3 | TQ2 | A2 | 02B | CLOCK PHASE 1 BUS | | |
| 44406 | | XA227 | 02 | | | | | | | | GND | 01 | | | | TQ2 | | 01A | | | |
| 45354 | | XA227 | 03 | | XA227 | 11 | | 16B | 9 | | JXCP1A | 02 | JXCP10 | 01 | 1 | TQ2 | A3 | 02A | | | |
| 45353 | | XA227 | 04 | | XA227 | 03 | | 16B | 9 | | JXCP1A | 01 | JXCP00 | 01 | 1 | TQ2 | A2 | 04A | | | |
| 46403 | | XA227 | 05 | | XA227 | 07 | | 16B | 9 | | SPI0152 | 05 | JXCP00 | 01 | 2 | TQ2 | A2 | 03B | | | |
| 45625 | | XA227 | 06 | | XA226 | 08 | | 16B | 9 | | JXRRS0 | 01 | JXRRS0 | 00 | 1 | TQ2 | A1 | 05A | | | |
| 46404 | | XA227 | 07 | | XA227 | 13 | | 16B | 9 | | SPI0152 | 06 | JXCP10 | 01 | 2 | TQ2 | A3 | 03A | | | |
| 45894 | | XA227 | 08 | | | | | | | | JXXA6A | 02 | JXRRS0 | 01 | 1 | TQ2 | A1 | 06A | | | |
| 45358 | | XA227 | 09 | | XA227 | 15 | | 16B | 9 | | JXCP10 | 02 | JXCP1B | 01 | 1 | TQ2 | A3 | 04B | CLOCK PHASE 1 BUS | | |
| 45380 | | XA227 | 09 | | | | | | | J | JXCP10 | 01 | JXCP10 | 00 | 1 | TQ2 | A3 | 04B | JXCP1B BUSS | | |
| 45647 | | XA227 | 10 | | XA224 | 10 | | 16B | 9 | | JXRS0B | 20 | JXRRS0 | 01 | 2 | TQ2 | A1 | 07A | | | |
| CONNECTOR XA227 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA227
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 131

| RECORD NUMBER | FROM | | | SIFG | TO | | | WIRE | | | | SFC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|------|--------|-----------|-----|------|-------------|------|-------|---------------|--------|--------|----------|------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | SIFC | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 45355 | | XA227 | 11 | | | | | | | | | JXCP1A | 03 | JXCP20 | 01 | 1 | TQ2 | A4 | | 05B | | | |
| 44069 | | XA227 | 12 | | XA235 | 63 | | | 16B | 9 | | +5V | 01 | | | | TQ2 | | | | | | |
| 46405 | | XA227 | 13 | | XA226 | 13 | | | 16B | 9 | | SPI0152 | 07 | JXCP20 | 01 | 2 | TQ2 | A4 | | 06B | | | |
| 45382 | | XA227 | 14 | | XA226 | 11 | | | 16B | 9 | | JXCP3A | 01 | JXCP3A | 00 | 1 | TQ2 | B2 | | 09A | PHASE 3 OF 2 PHASE | | |
| 45359 | | XA227 | 15 | | XA229 | 14 | | | 16B | 9 | | JXCP20 | 03 | JXCP1B | 01 | 2 | TQ2 | A4 | | 07B | CLOCK PHASE 1 BUS | | |
| 45381 | | XA227 | 15 | | | | | | | | P | JXCP20 | 01 | JXCP20 | 00 | 1 | TQ2 | A4 | | 07B | JXCP1B BUSS | | |
| 44407 | | XA227 | 16 | | | | | | | | J | GND | 01 | | | | TQ2 | | | 01B | | | |
| 45143 | | XA227 | 17 | | | | | | | | | JSYN10 | 02 | JSYN1A | 01 | 1 | TQ2 | B3 | | 08B | | | |
| 46085 | | XA227 | 18 | | XA229 | 34 | | | 16B | 9 | | JX1MAQ | 01 | JXCP3A | 01 | 1 | TQ2 | B2 | | 10A | | | |
| 46408 | | XA227 | 19 | | | | | | | | | JXDVI0 | 04 | JSYN1A | 01 | 2 | TQ2 | B3 | | 09B | | A05 | |
| 46090 | | XA227 | 20 | | | | | | | | | JX1MBP | 03 | JXCP3A | 01 | 2 | TQ2 | B2 | | 11A | | | |
| 45139 | | XA227 | 21 | | XA223 | 07 | | | 16B | 9 | | JSYN1A | 01 | JSYN1A | 00 | 1 | TQ2 | B3 | | 10B | STAT NEW INPUT OR | | |
| 45902 | | XA227 | 22 | | XA229 | 26 | | | 16B | 9 | | JXXBKO | 02 | JXXBKO | 00 | 1 | TQ2 | B1 | | 12A | I/O BYTE COUNTER | | |
| 45574 | | XA227 | 23 | | XA229 | 19 | | | 16B | 9 | | JXIR1Q | 01 | JXIR1A | 01 | 1 | TQ2 | B4 | | 11B | | | |
| 45880 | | XA227 | 24 | | XA235 | 70 | | | 16B | 9 | | JXXA3Q | 02 | JXXBKO | 01 | 1 | TQ2 | B1 | | 13A | | | |
| 45399 | | XA227 | 25 | | XA226 | 01 | | | 16B | 9 | | JXCP3B | 14 | JXIR1A | 01 | 2 | TQ2 | B4 | | 12B | | | |
| 46409 | | XA227 | 26 | | XA226 | 26 | | | 16B | 9 | | SPI0152 | 11 | JXXBKO | 01 | 2 | TQ2 | B1 | | 14A | | | |
| 45572 | | XA227 | 27 | | XA217 | 65 | | | 16B | 9 | | JXIR1A | 02 | JXIR1A | 00 | 1 | TQ2 | B4 | | 13B | | | |
| 44070 | | XA227 | 28 | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | | |
| 45724 | | XA227 | 29 | | | | | | | | | JXR098T | 02 | JX0FR0 | 01 | 1 | TQ2 | C3 | | 14B | | | |
| 45460 | | XA227 | 30 | | XA225 | 40 | | | 16B | 9 | | JXDVCO | 02 | JXDVCO | 00 | 1 | TQ2 | C2 | | 15A | | | |
| 46445 | | XA227 | 31 | | XA227 | 37 | | | 16B | 9 | | SPI0162 | 13 | JX0FR0 | 01 | 2 | TQ2 | C3 | | 15B | | | |
| 44408 | | XA227 | 32 | | | | | | | | | GND | 01 | | | | TQ2 | | | 20B | | | |
| 46076 | | XA227 | 33 | | XA225 | 34 | | | 16B | 9 | | JX0FR0 | 01 | JX0FR0 | 00 | 1 | TQ2 | C3 | | 16B | | | |
| 45713 | | XA227 | 34 | | XA233 | 24 | | | 16B | 9 | | JXR090T | 01 | JXDVCO | 01 | 1 | TQ2 | C2 | | 16A | | | |
| 45788 | | XA227 | 35 | | | | | | | | | JXSKOA | 02 | JXSK00 | 01 | 1 | TQ2 | C4 | | 17B | | | |
| 46447 | | XA227 | 36 | | XA227 | 42 | | | 16B | 9 | | SPI0162 | 15 | JXDVCO | 01 | 2 | TQ2 | C2 | | 17A | | | |
| 46446 | | XA227 | 37 | | XA227 | 36 | | | 16B | 9 | | SPI0162 | 14 | JXSK00 | 01 | 2 | TQ2 | C4 | | 18B | | | |
| 45442 | | XA227 | 38 | | XA232 | 42 | | | 16B | 9 | | JXDEVA | 03 | JXDEVA | 00 | 1 | TQ2 | C1 | | 18A | | | |
| 45791 | | XA227 | 39 | | | | | | | | | JXSK00 | 03 | JXSK00 | 00 | 1 | TQ2 | C4 | | 19B | I/O BUFFER REGISTE | | |
| 45747 | | XA227 | 40 | | XA229 | 77 | | | 16B | 9 | | JXR3CS | 04 | JXDEVA | 01 | 1 | TQ2 | C1 | | 19A | | | |
| 45499 | | XA227 | 41 | | XA230 | 19 | | | 16B | 9 | | JXEB1Q | 02 | JXEB1A | 01 | 1 | TQ2 | D3 | | 22B | | | |
| 46448 | | XA227 | 42 | | XA229 | 41 | | | 16B | 9 | | SPI0162 | 16 | JXDEVA | 01 | 2 | TQ2 | C1 | | 20A | | | |
| 45398 | | XA227 | 43 | | XA227 | 25 | | | 16B | 9 | | JXCP3B | 13 | JXEB1A | 01 | 2 | TQ2 | D3 | | 23B | | | |
| 44409 | | XA227 | 44 | | | | | | | | | GND | 01 | | | | TQ2 | | | 21B | | | |
| 45496 | | XA227 | 45 | | XA228 | 14 | | | 16B | 9 | | JXEB1A | 01 | JXEB1A | 00 | 1 | TQ2 | D3 | | 24B | | | |
| 45793 | | XA227 | 46 | | | | | | | | | JXSSTO | 02 | JXSSTO | 00 | 1 | TQ2 | D2 | | 21A | | | |
| 45189 | | XA227 | 47 | | XA238 | 22 | | | 16B | 9 | | JXASLA | 01 | JXONL0 | 01 | 1 | TQ2 | D4 | | 25B | | | |
| 45721 | | XA227 | 48 | | XA233 | 29 | | | 16B | 9 | | JXR097T | 01 | JXSSTO | 01 | 1 | TQ2 | D2 | | 22A | | | |
| 45295 | | XA227 | 49 | | XA238 | 14 | | | 16B | 9 | | JXBSLA | 01 | JXONL0 | 01 | 2 | TQ2 | D4 | | 24B | | | |
| 46437 | | XA227 | 50 | | XA231 | 40 | | | 16B | 9 | | SPI0162 | 05 | JXSSTO | 01 | 2 | TQ2 | D2 | | 23A | | | |
| 46080 | | XA227 | 51 | | | | | | | | | JXONL0 | 03 | JXONL0 | 00 | 1 | TQ2 | D4 | | 27B | ON LINE CONTROL | | |
| 45513 | | XA227 | 52 | | | | | | | | | JXE0B0 | 02 | JXE0B0 | 00 | 1 | TQ2 | D1 | | 24A | | | |
| 46098 | | XA227 | 53 | | | | | | | | | J16MHA | 03 | J16MHO | 01 | 1 | TQ2 | E3 | | 28B | | | |
| 45717 | | XA227 | 54 | | XA233 | 27 | | | 16B | 9 | | JXR092T | 01 | JXE0B0 | 01 | 1 | TQ2 | D1 | | 25A | | | |
| 46434 | | XA227 | 55 | | XA227 | 56 | | | 16B | 9 | | SPI0162 | 02 | J16MHO | 01 | 2 | TQ2 | E3 | | 29B | | | |
| 46435 | | XA227 | 56 | | XA228 | 51 | | | 16B | 9 | | SPI0162 | 03 | JXE0B0 | 01 | 2 | TQ2 | D1 | | 26A | | | |
| 46106 | | XA227 | 57 | | | | | | | | | J16MHO | 08 | J16MHO | 00 | 1 | TQ2 | E3 | | 30B | | | |
| 44410 | | XA227 | 58 | | | | | | | | | GND | 01 | | | | TQ2 | | | 27A | | | |
| 46097 | | XA227 | 59 | | XA227 | 53 | | | 16B | 9 | | J16MHA | 02 | J16MHO | 01 | 1 | TQ2 | F4 | | 31B | | | |
| CONNECTOR XA227 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA227
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 132

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SFC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO | |
|---------------|--------|-----------|----------------------------|-------|--------|-----------|------|-------|-------------|------|-------|---------------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|-------|
| | PREFIX | CONNECTOR | PIN | SH TO | PREFIX | CONNECTOR | PIN | SH TO | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | | IDENT |
| 45292 | | XA227 | 60 | | | | | | | | | | JXBRQ0 | 02 | JXBRQ0 | 00 | 1 | TQ2 | E2 | | 28A | PORT B REQUEST | | |
| 46433 | | XA227 | 61 | | XA227 | 55 | | | | 16B | 9 | | SPIO162 | 01 | J16MIO | 01 | 2 | TQ2 | E4 | | 32B | | | |
| 45289 | | XA227 | 62 | | XA237 | 57 | | | | 16B | 9 | | JXBRQA | 01 | JXBRQ0 | 01 | 1 | TQ2 | E2 | | 29A | | | |
| 46111 | | XA227 | 63 | | XA218 | 60 | | | | 16B | 9 | | J16MIO | 05 | J16MIO | 00 | 1 | TQ2 | E4 | | 33B | | | |
| 46457 | | XA227 | 64 | | XA227 | 70 | | | | 16B | 9 | | SPIO162 | 25 | JXBRQ0 | 01 | 2 | TQ2 | E2 | | 30A | | | |
| 45063 | | XA227 | 65 | | | | | | | | | | JLPT2S | 03 | JLTEOA | 01 | 1 | TQ2 | F3 | | 34B | | | |
| 45186 | | XA227 | 66 | | | | | | | | | | JXARQ0 | 02 | JXARQ0 | 00 | 1 | TQ2 | E1 | | 31A | PORT A REQUEST | | |
| 44411 | | XA227 | 67 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 40A | | | |
| 45183 | | XA227 | 68 | | XA237 | 59 | | | | 16B | 9 | | JXARQA | 01 | JXARQ0 | 01 | 1 | TQ2 | E1 | | 32A | | | |
| 45065 | | XA227 | 69 | | | | | | | | | | JLTEOA | 02 | JLTEOA | 00 | 1 | TQ2 | F3 | | 35A | LOOP TEST START IN | | |
| 46458 | | XA227 | 70 | | XA227 | 73 | | | | 16B | 9 | | SPIO162 | 26 | JXARQ0 | 01 | 2 | TQ2 | E1 | | 33A | | | |
| 44740 | | XA227 | 71 | | XA227 | 77 | | | | 16B | 9 | | JDRS00 | 02 | JDRS1A | 01 | 1 | TQ2 | F2 | | 36A | | | |
| 44746 | | XA227 | 72 | | | | | | | | | | JDRS1A | 05 | JDRS1A | 00 | 1 | TQ2 | F2 | | 34A | | | |
| 46459 | | XA227 | 73 | | XA227 | 79 | | | | 16B | 9 | | SPIO162 | 27 | JDRS1A | 01 | 2 | TQ2 | F2 | | 36B | | | |
| 45488 | | XA227 | 74 | | XA226 | 74 | | | | 16B | 9 | | JXEA00 | 01 | JLTEOA | 01 | 2 | TQ2 | F3 | | 35B | | | |
| 44738 | | XA227 | 75 | | | | | | | | | | JDRS0A | 06 | JDRS0A | 00 | 1 | TQ2 | F1 | | 37B | | | |
| 44910 | | XA227 | 76 | | | | | | | | | | JKTCRO | 02 | JKTCRA | 01 | 1 | TQ2 | F4 | | 37A | | | |
| 44741 | | XA227 | 77 | | | | | | | | | | JDRS00 | 03 | JDRS0A | 01 | 1 | TQ2 | F1 | | 38B | | | |
| 46461 | | XA227 | 78 | | XA230 | 80 | | | | 16B | 9 | | SPIO162 | 29 | JKTCRA | 01 | 2 | TQ2 | F4 | | 38A | | | |
| 46460 | | XA227 | 79 | | XA227 | 78 | | | | 16B | 9 | | SPIO162 | 28 | JDRS0A | 01 | 2 | TQ2 | F1 | | 39B | | | |
| 44907 | | XA227 | 80 | | XA217 | 22 | | | | 16B | 9 | | JKTCRA | 01 | JKTCRA | 00 | 1 | TQ2 | F4 | | 39A | START MAIN TIMING | | |
| 45901 | | XA228 | 01 | | XA227 | 22 | | | | 16B | 9 | | JXXBKO | 01 | JXXBON | 01 | 1 | TDD | BN | | 02B | | | |
| 44412 | | XA228 | 02 | | | | | | | | | | GND | 01 | | | | TDD | | | 01B | | | |
| 46377 | | XA228 | 03 | | XA222 | 11 | | | | 16B | 9 | | SPIO142 | 16 | JXXB00 | 01 | 1 | TDD | BQ | | 02A | | | |
| 45895 | | XA228 | 04 | | XA229 | 22 | | | | 16B | 9 | | JXXBCA | 01 | JXXBOP | 01 | 1 | TDD | BP | | 04A | | | |
| 45938 | | XA228 | 05 | | | | | | | | | | JXXB2P | 05 | JXXBOI | 01 | 1 | TDD | BI | | 03B | | | |
| 45849 | | XA228 | 06 | | XA235 | 69 | | | | 16B | 9 | | JXXADA | 01 | JXXACP | 01 | 1 | TDD | AP | | 05A | | | |
| 45916 | | XA228 | 07 | | | | | | | | | | JXXB0Q | 04 | JXXB0Q | 00 | 1 | TDD | BQ | | 03A | I/O BYTE COUNTER | | |
| 46440 | | XA228 | 08 | | XA229 | 15 | | | | 16B | 9 | | SPIO162 | 08 | JXXACI | 01 | 1 | TDD | AI | | 06A | | | |
| 45912 | | XA228 | 09 | | | | | | | | | | JXXBOP | 03 | JXXBOP | 01 | 1 | TDD | BP | | 04B | | | |
| 45876 | | XA228 | 10 | | XA229 | 08 | | | | 16B | 9 | | JXXA3P | 01 | JXXACN | 01 | 1 | TDD | AN | | 07A | | | |
| 45842 | | XA228 | 11 | | XA229 | 06 | | | | 16B | 9 | | JXXACP | 01 | JXXACP | 00 | 1 | TDD | AP | | 05B | | | |
| 44071 | | XA228 | 12 | | | | | | | | | | +5V | 01 | | | | TDD | | | | | | |
| 47883 | | XA228 | 13 | | | | | | | | | M | JXXACQ | 01 | JXXACQ | 00 | 1 | TDD | AQ | | 06B | I/O STATE COUNTER | | |
| 45497 | | XA228 | 14 | | | | | | | | | | JXEB1A | 02 | JXEBON | 01 | 1 | TDD | DN | | 09A | | | |
| 45646 | | XA228 | 15 | | XA227 | 10 | | | | 16B | 9 | | JXRSOB | 19 | JXXACQ | 01 | 1 | TDD | AQ | | 07B | | | |
| 44413 | | XA228 | 16 | | | | | | | | | | GND | 01 | | | | TDD | | | 20B | | | |
| 45493 | | XA228 | 17 | | | | | | | | | | JXEBOA | 02 | JXEBOQ | 01 | 1 | TDD | DQ | | 08B | | | |
| 45528 | | XA228 | 18 | | XA228 | 24 | | | | 16B | 9 | | JXGN2A | 03 | JXEBOI | 01 | 1 | TDD | DI | | 10A | | | |
| 45495 | | XA228 | 19 | | | | | | | | | | JXEBOQ | 02 | JXEBOQ | 00 | 1 | TDD | DQ | | 09B | EOB SYNC COUNTER | | |
| 45644 | | XA228 | 20 | | XA228 | 22 | | | | 16B | 9 | | JXRSOB | 17 | JXEBOQ | 01 | 1 | TDD | DP | | 11A | | | |
| 47861 | | XA228 | 21 | | | | | | | | | M | JXEBOQ | 01 | JXEBOQ | 00 | 1 | TDD | DP | | 10B | | | |
| 45645 | | XA228 | 22 | | XA228 | 15 | | | | 16B | 9 | | JXRSOB | 18 | JXROP | 01 | 1 | TDD | CP | | 12A | | | |
| 47866 | | XA228 | 23 | | | | | | | | | M | JXIROP | 01 | JXIROP | 00 | 1 | TDD | CP | | 11B | | | |
| 45529 | | XA228 | 24 | | XA235 | 39 | | | | 16B | 9 | | JXGN2A | 04 | JXIROI | 01 | 1 | TDD | CI | | 13A | | | |
| 45570 | | XA228 | 25 | | | | | | | | | | JXIROP | 02 | JXIROP | 00 | 1 | TDD | CO | | 12B | ITR SYNC COUNTER | | |
| 45571 | | XA228 | 26 | | XA227 | 27 | | | | 16B | 9 | | JXIR1A | 01 | JXIRON | 01 | 1 | TDD | CN | | 14A | | | |
| 45568 | | XA228 | 27 | | | | | | | | | | JXIROA | 02 | JXIROQ | 01 | 1 | TDD | CO | | 13B | | | |
| CONNECTOR | | XA228 | CONTINUED ON THE NEXT PAGE | | | | **** | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA228
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 133

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | MULTI GROUP | CODE | COLOR | IDENT | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------|-------|-------|-------------|------|-------|---------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|---------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | DI FC | DI FC | DI FC | | | | | | | | | | | | | | | |
| 44072 | | XA228 | 28 | | | | | | | | | | +5V | 01 | | | | TDD | | | | | | |
| 46372 | | XA228 | 29 | | XA229 | 17 | | | | 16B | 9 | | SPIC142 | 11 | JDOUOQ | 01 | 1 | TDD | EQ | | 14B | | | |
| 45474 | | XA228 | 30 | | XA230 | 42 | | | | 16B | 9 | | JXDVI0 | 02 | JDOUOQ | 01 | 1 | TDD | FN | | 15A | | | |
| 44753 | | XA228 | 31 | | XA225 | 22 | | | | 16B | 9 | | JDOUOQ | 01 | JDOUOQ | 00 | 1 | TDD | EQ | | 15B | | OUTPUT COMMAND F/E | |
| 44414 | | XA228 | 32 | | | | | | | | | | GND | 01 | | | | TDD | | | 21B | | | |
| 47792 | | XA228 | 33 | | | | | | | | | | JDOUOQ | 01 | JDOUOQ | 00 | 1 | TDD | EP | | 16B | | | |
| 44761 | | XA228 | 34 | | XA226 | 27 | | | | 16B | 9 | | JDOUOQ | 01 | JDOUOQ | 01 | 1 | TDD | FI | | 16A | | | |
| 47879 | | XA228 | 35 | | | | | | | | | | JXSTQP | 01 | JXSTQP | 00 | 1 | TDD | EP | | 17B | | | |
| 45629 | | XA228 | 36 | | XA230 | 38 | | | | 16B | 9 | | JXRSOB | 02 | JDOUOQ | 01 | 1 | TDD | FP | | 17A | | | |
| 45798 | | XA228 | 37 | | | | | | | | | | JXSTOQ | 02 | JXSTOQ | 00 | 1 | TDD | EQ | | 18B | | STOP SYNC COUNTER | |
| 46450 | | XA228 | 38 | | XA229 | 38 | | | | 16B | 9 | | SPT0162 | 18 | JXSTOQ | 01 | 1 | TDD | EP | | 18A | | | |
| 45805 | | XA228 | 39 | | | | | | | | | | JXST2A | 02 | JXSTOQ | 01 | 1 | TDD | EQ | | 19B | | | |
| 45524 | | XA228 | 40 | | | | | | | | | | JXGN1A | 11 | JXSTOQ | 01 | 1 | TDD | EI | | 19A | | | |
| 46271 | | XA228 | 41 | | XA218 | 48 | | | | 16B | 9 | | SPT0052 | 08 | JK00BQ | 01 | 1 | TDD | HQ | | 22B | | C01 A03 | |
| 45800 | | XA228 | 42 | | XA238 | 23 | | | | 16B | 9 | | JXST1A | 02 | JXSTON | 01 | 1 | TDD | EN | | 20A | | | |
| 47774 | | XA228 | 43 | | XA233 | 48 | | | | 16B | 9 | | JK00BQ | 01 | JK00BQ | 00 | 1 | TDD | HQ | | 23B | | | A03 |
| 44415 | | XA228 | 44 | | | | | | | | | | GND | 01 | | | | TDD | | | 27A | | | |
| 47775 | | XA228 | 45 | | | | | | | | | | JK00BP | 01 | JK00BP | 00 | 1 | TDD | HP | | 24B | | | A03 |
| 46234 | | XA228 | 46 | | XA227 | 01 | | | | 16B | 9 | | JXCP1B | 00 | JK00BN | 01 | 1 | TDD | HN | | 21A | | | A03 |
| 45986 | | XA228 | 47 | | XA218 | 72 | | | | 16B | 9 | | JXXC4P | 03 | JXXC4P | 00 | 1 | TDD | GP | | 25B | | | |
| 46388 | | XA228 | 48 | | | | | | | | | | JK0090 | 02 | JK00BI | 01 | 1 | TDD | HI | | 22A | | | A03 |
| 45991 | | XA228 | 49 | | | | | | | | | | JXXC4Q | 02 | JXXC4Q | 00 | 1 | TDD | GQ | | 26B | | IOU INPUT STROBE | |
| 46248 | | XA228 | 50 | | XA215 | 40 | | | | 16B | 9 | | JKTCCP | 05 | JK00BP | 01 | 1 | TDD | HP | | 23A | | | A03 |
| 46436 | | XA228 | 51 | | XA227 | 50 | | | | 16B | 9 | | SPT0162 | 04 | JXXC4Q | 01 | 1 | TDD | GQ | | 27B | | | |
| 45964 | | XA228 | 52 | | XA225 | 59 | | | | 16B | 9 | | JXXCR0 | 04 | JXXC4I | 01 | 1 | TDD | GP | | 24A | | | |
| 44799 | | XA228 | 53 | | | | | | | | | | JDO5SA | 02 | JDO5BQ | 01 | 1 | TDD | KQ | | 28B | | | |
| 45982 | | XA228 | 54 | | XA229 | 43 | | | | 16B | 9 | | JXXC3Q | 01 | JXXC4I | 01 | 1 | TDD | GI | | 25A | | | |
| 44796 | | XA228 | 55 | | XA216 | 75 | | | | 16B | 9 | | JDO5BQ | 01 | JDO5BQ | 00 | 1 | TDD | KQ | | 29B | | | |
| 46110 | | XA228 | 56 | | XA227 | 63 | | | | 16B | 9 | | J16MIO | 04 | JXXC4N | 01 | 1 | TDD | GN | | 26A | | | |
| 44795 | | XA228 | 57 | | | | | | | | | | JDO5BP | 03 | JDO5BP | 00 | 1 | TDD | KP | | 30B | | | |
| 44416 | | XA228 | 58 | | | | | | | | | | GND | 01 | | | | TDD | | | 40A | | | |
| 46048 | | XA228 | 59 | | XA217 | 70 | | | | 16B | 9 | | JXXR2P | 02 | JXXR2P | 00 | 1 | TDD | JP | | 31B | | | |
| 44687 | | XA228 | 60 | | XA226 | 57 | | | | 16B | 9 | | JDCP10 | 04 | JDO5BN | 01 | 1 | TDD | KN | | 28A | | | |
| 47893 | | XA228 | 61 | | | | | | | | | | JXXR2Q | 01 | JXXR2Q | 00 | 1 | TDD | JQ | | 32B | | IOU REQUEST COUNTER | |
| 45768 | | XA228 | 62 | | | | | | | | | | JXR5CS | 06 | JDO5BI | 01 | 1 | TDD | KI | | 29A | | | |
| 46456 | | XA228 | 63 | | XA227 | 64 | | | | 16B | 9 | | SPT0162 | 24 | JXXR2Q | 01 | 1 | TDD | JQ | | 33B | | | |
| 44742 | | XA228 | 64 | | XA229 | 73 | | | | 16B | 9 | | JDRS1A | 01 | JDO5BP | 01 | 1 | TDD | KP | | 30A | | | |
| 44813 | | XA228 | 65 | | | | | | | | | | JDO7SA | 02 | JDO7BQ | 01 | 1 | TDD | MQ | | 34B | | | |
| 46030 | | XA228 | 66 | | XA217 | 61 | | | | 16B | 9 | | JXXRCQ | 03 | JXXR2P | 01 | 1 | TDD | JP | | 31A | | | |
| 44417 | | XA228 | 67 | | | | | | | | | | GND | 01 | | | | TDD | | | 40B | | | |
| 46045 | | XA228 | 68 | | XA229 | 61 | | | | 16B | 9 | | JXXR1Q | 01 | JXXR2I | 01 | 1 | TDD | JI | | 32A | | | |
| 44808 | | XA228 | 69 | | | | | | | | | | JDO7BP | 02 | JDO7BP | 00 | 1 | TDD | MP | | 35A | | | |
| 46105 | | XA228 | 70 | | XA227 | 57 | | | | 16B | 9 | | J16MH0 | 07 | JXXR2N | 01 | 1 | TDD | JN | | 33A | | | |
| 45786 | | XA228 | 71 | | XA234 | 04 | | | | 16B | 9 | | JXR7CS | 001 | JDO7BI | 01 | 1 | TDD | MI | | 36A | | | A03 |
| 44686 | | XA228 | 72 | | XA228 | 60 | | | | 16B | 9 | | JDCP10 | 03 | JDO7BN | 01 | 1 | TDD | MN | | 34A | | | |
| 44745 | | XA228 | 73 | | XA227 | 72 | | | | 16B | 9 | | JDRS1A | 04 | JDO7BP | 01 | 1 | TDD | MP | | 36B | | | |
| 44809 | | XA228 | 74 | | XA216 | 76 | | | | 16B | 9 | | JDO7BQ | 01 | JDO7BQ | 00 | 1 | TDD | MQ | | 35B | | DATA REGISTER BIT7 | |
| 44744 | | XA228 | 75 | | XA228 | 73 | | | | 16B | 9 | | JDRS1A | 03 | JDO6BP | 01 | 1 | TDD | LP | | 37B | | | |
| 44801 | | XA228 | 76 | | | | | | | | | | JDO6BP | 02 | JDO6BP | 00 | 1 | TDD | LP | | 37A | | | |
| 45777 | | XA228 | 77 | | | | | | | | | | JXR6CS | 06 | JDO6BI | 01 | 1 | TDD | LI | | 38B | | | |
| CONNECTOR (XA228) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA228
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 134

| RECORD NUMBER | FROM | | | BIFC | TO | | | WIRE | | | | SFC INST. MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|------|--------|-----------|-----|-------|-------------|------|-------|----------------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | SH FE | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 44804 | | XA228 | 78 | | | | | | | | | | JD06BQ | 03 | JD06BQ | 00 | 1 | TDD | LQ | | 38A | | |
| 44684 | | XA228 | 79 | | XA229 | 72 | | | 16B | 9 | | | JDCP10 | 01 | JD06BN | 01 | 1 | TDD | LN | | 39B | | |
| 44806 | | XA228 | 80 | | | | | | | | | | JD06SA | 02 | JD06BQ | 01 | 1 | TDD | LQ | | 39A | | |
| 46099 | | XA229 | 01 | | XA230 | 01 | | | 16B | 9 | | | J16MH0 | 01 | JXXA2N | 01 | 1 | TDD | BN | | 02B | | |
| 44418 | | XA229 | 02 | | | | | | | | | | GND | 01 | | | | TDD | | | 01B | | |
| 46376 | | XA229 | 03 | | XA228 | 03 | | | 16B | 9 | | | SPI0142 | 15 | JXXA2Q | 01 | 1 | TDD | BQ | | 02A | | |
| 45844 | | XA229 | 04 | | XA230 | 04 | | | 16B | 9 | | | JXXACP | 03 | JXXA2P | 01 | 1 | TDD | BP | | 04A | | |
| 45870 | | XA229 | 05 | | XA214 | 06 | | | 16B | 9 | | | JXXA1Q | 06 | JXXA2I | 01 | 1 | TDD | BI | | 03B | | |
| 45843 | | XA229 | 06 | | XA229 | 04 | | | 16B | 9 | | | JXXACP | 02 | JXXA0P | 01 | 1 | TDD | AP | | 05A | | |
| 45875 | | XA229 | 07 | | | | | | | | | | JXXA2Q | 03 | JXXA2Q | 00 | 1 | TDD | BQ | | 03A | I/O STATE COUNTER | |
| 45877 | | XA229 | 08 | | XA230 | 09 | | | 16B | 9 | | | JXXA3P | 02 | JXXA0I | 01 | 1 | TDD | AI | | 06A | | |
| 47884 | | XA229 | 09 | | | | | | | | M | | JXXA2P | 01 | JXXA2P | 00 | 1 | TDD | BP | | 04B | | |
| 46101 | | XA229 | 10 | | XA230 | 10 | | | 16B | 9 | | | J16MH0 | 03 | JXXA0N | 01 | 1 | TDD | AN | | 07A | | |
| 45855 | | XA229 | 11 | | XA231 | 05 | | | 16B | 9 | | | JXXA0P | 03 | JXXA0P | 00 | 1 | TDD | AP | | 05B | | |
| 44073 | | XA229 | 12 | | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 45860 | | XA229 | 13 | | XA230 | 08 | | | 16B | 9 | | | JXXA0Q | 01 | JXXA0Q | 00 | 1 | TDD | AQ | | 06B | I/O STATE COUNTER | |
| 45360 | | XA229 | 14 | | XA230 | 14 | | | 16B | 9 | | | JXCP1B | 04 | JXIRIN | 01 | 1 | TDD | DN | | 09A | | |
| 46441 | | XA229 | 15 | | XA230 | 15 | | | 16B | 9 | | | SPI0162 | 09 | JXXA0Q | 01 | 1 | TDD | AQ | | 07B | | |
| 44419 | | XA229 | 16 | | | | | | | | | | GND | 01 | | | | TDD | | | 20B | | |
| 46373 | | XA229 | 17 | | XA230 | 17 | | | 16B | 9 | | | SPI0142 | 12 | JXIR1Q | 01 | 1 | TDD | DQ | | 08B | | |
| 45569 | | XA229 | 18 | | XA228 | 25 | | | 16B | 9 | | | JXIR0Q | 01 | JXIR1I | 01 | 1 | TDD | DI | | 10A | | |
| 45575 | | XA229 | 19 | | | | | | | | | | JXIR1Q | 02 | JXIR1Q | 00 | 1 | TDD | DQ | | 09B | ITR SYNC COUNTER | |
| 45843 | | XA229 | 20 | | XA228 | 20 | | | 16B | 9 | | | JXRS0B | 16 | JXIR1P | 01 | 1 | TDD | DP | | 11A | | |
| 47867 | | XA229 | 21 | | | | | | | | M | | JXIR1P | 01 | JXIR1P | 00 | 1 | TDD | DP | | 10B | | |
| 45896 | | XA229 | 22 | | XA230 | 22 | | | 16B | 9 | | | JXXSCA | 02 | JXXB1P | 01 | 1 | TDD | CP | | 12A | | |
| 45921 | | XA229 | 23 | | XA235 | 50 | | | 16B | 9 | | | JXXB1P | 01 | JXXB1P | 00 | 1 | TDD | CP | | 11B | I/O BYTE COUNTER | |
| 45915 | | XA229 | 24 | | XA228 | 07 | | | 16B | 9 | | | JXXB0Q | 03 | JXXB1I | 01 | 1 | TDD | CI | | 13A | | |
| 45925 | | XA229 | 25 | | | | | | | | | | JXXB1Q | 03 | JXXB1Q | 00 | 1 | TDD | CQ | | 12B | | |
| 45903 | | XA229 | 26 | | XA230 | 26 | | | 16B | 9 | | | JXXB0Q | 03 | JXXB1N | 01 | 1 | TDD | CN | | 14A | | |
| 46444 | | XA229 | 27 | | XA227 | 31 | | | 16B | 9 | | | SPI0162 | 12 | JXXB1Q | 01 | 1 | TDD | CQ | | 13B | | |
| 44074 | | XA229 | 28 | | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 46247 | | XA229 | 29 | | XA225 | 71 | | | 16B | 9 | | | SPI0042 | 09 | JX1MBQ | 01 | 1 | TDD | FQ | | 14B | | A03 |
| 46093 | | XA229 | 30 | | XA230 | 30 | | | 16B | 9 | | | J04MZO | 01 | JX1MBN | 01 | 1 | TDD | FN | | 15A | | |
| 46092 | | XA229 | 31 | | | | | | | | | | JX1MBQ | 02 | JX1MBQ | 00 | 1 | TDD | FQ | | 15B | 2 PHASE CLOCK BIT | |
| 44420 | | XA229 | 32 | | | | | | | | | | GND | 01 | | | | TDD | | | 21B | | |
| 46089 | | XA229 | 33 | | XA227 | 20 | | | 16B | 9 | | | JX1MBP | 02 | JX1MBP | 00 | 1 | TDD | FP | | 16B | | |
| 46086 | | XA229 | 34 | | XA230 | 31 | | | 16B | 9 | | | JX1MAQ | 02 | JX1MBI | 01 | 1 | TDD | FI | | 16A | | |
| 47880 | | XA229 | 35 | | | | | | | | M | | JXST1P | 01 | JXST1P | 00 | 1 | TDD | EP | | 17B | | |
| 46235 | | XA229 | 36 | | XA230 | 29 | | | 16B | 9 | | | SPI0032 | 29 | JX1MBP | 01 | 1 | TDD | FP | | 17A | | |
| 45803 | | XA229 | 37 | | | | | | | | | | JXST1Q | 02 | JXST1Q | 00 | 1 | TDD | EQ | | 18B | STOP SYNC COUNTER | |
| 46451 | | XA229 | 38 | | XA230 | 39 | | | 16B | 9 | | | SPI0162 | 19 | JXST1P | 01 | 1 | TDD | EP | | 18A | | |
| 46371 | | XA229 | 39 | | XA228 | 29 | | | 16B | 9 | | | SPI0142 | 10 | JXST1Q | 01 | 1 | TDD | EQ | | 19B | | |
| 45797 | | XA229 | 40 | | XA228 | 37 | | | 16B | 9 | | | JXST0Q | 01 | JXST1I | 01 | 1 | TDD | EI | | 19A | | |
| 46449 | | XA229 | 41 | | XA228 | 38 | | | 16B | 9 | | | SPI0162 | 17 | JXXC3Q | 01 | 1 | TDD | HQ | | 22B | | |
| 45366 | | XA229 | 42 | | XA226 | 50 | | | 16B | 9 | | | JXCP1B | 10 | JXST1N | 01 | 1 | TDD | EN | | 20A | | |
| 45983 | | XA229 | 43 | | | | | | | | | | JXXC3Q | 02 | JXXC3Q | 00 | 1 | TDD | HQ | | 23B | | |
| 44421 | | XA229 | 44 | | | | | | | | | | GND | 01 | | | | TDD | | | 27A | | |
| 45980 | | XA229 | 45 | | XA222 | 74 | | | 16B | 9 | | | JXXC3P | 01 | JXXC3P | 00 | 1 | TDD | HP | | 24B | | |
| CONNECTOR XA229 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA229
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 135

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|------|-------------|------|--------|--------|----------|------|--------|------------------|-------|---------------------|-------------|-------|--------------------|-------------------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SIZE | MULTI GROUP | CODE | | | | | | | | | COLOR | IDENT | | |
| 46107 | | XA229 | 46 | | XA230 | 46 | | | 16B | 9 | | | | 01 | JXXC3N | 01 | 1 | TDD | HN | 21A | |
| 45953 | | XA229 | 47 | | XA225 | 61 | | | 16B | 9 | | | | 02 | JXXC1P | 00 | 1 | TDD | GP | 25B | |
| 45978 | | XA229 | 48 | | XA230 | 43 | | | 16B | 9 | | | | 03 | JXXC2Q | 01 | 1 | TDD | HI | 22A | |
| 45956 | | XA229 | 49 | | XA216 | 52 | | | 16B | 9 | | | | 02 | JXXC1Q | 00 | 1 | TDD | GO | 26B | |
| 45963 | | XA229 | 50 | | XA228 | 52 | | | 16B | 9 | | | | 03 | JXXCRO | 01 | 1 | TDD | HP | 23A | |
| 45951 | | XA229 | 51 | | | | | | | | | | | 02 | JXXC1A | 01 | 1 | TDD | GO | 27B | |
| 45628 | | XA229 | 52 | | XA228 | 36 | | | 16B | 9 | | | | 01 | JXRS0B | 01 | 1 | TDD | GP | 24A | |
| 44778 | | XA229 | 53 | | | | | | | | | | | 02 | JD025A | 01 | 1 | TDD | KQ | 28B | |
| 45542 | | XA229 | 54 | | XA233 | 57 | | | 16B | 9 | | | | 07 | JXGN3A | 01 | 1 | TDD | GT | 25A | |
| 44775 | | XA229 | 55 | | XA216 | 54 | | | 16B | 9 | | | | 01 | JD028Q | 00 | 1 | TDD | KQ | 29B | |
| 45985 | | XA229 | 56 | | XA228 | 47 | | | 16B | 9 | | | | 02 | JXXC4P | 01 | 1 | TDD | GN | 26A | |
| 44774 | | XA229 | 57 | | | | | | | | | | | 03 | JD028P | 00 | 1 | TDD | KP | 30B | |
| 44422 | | XA229 | 58 | | | | | | | | | | | 01 | GND | | | TDD | | 40A | |
| 47892 | | XA229 | 59 | | | | | | | | M | | | 01 | JXXR1P | 00 | 1 | TDD | JP | 31B | |
| 44679 | | XA229 | 60 | | XA230 | 60 | | | 16B | 9 | | | | 02 | JDCP00 | 01 | 1 | TDD | KN | 28A | |
| 46046 | | XA229 | 61 | | | | | | | | | | | 02 | JXXR1Q | 00 | 1 | TDD | JQ | 32B | |
| 45737 | | XA229 | 62 | | XA236 | 75 | | | 16B | 9 | | | | 01 | JXR2CS | 01 | 1 | TDD | KI | 29A | |
| 46455 | | XA229 | 63 | | XA228 | 63 | | | 16B | 9 | | | | 23 | SPI0162 | 01 | 1 | TDD | JQ | 33B | |
| 44734 | | XA229 | 64 | | XA230 | 73 | | | 16B | 9 | | | | 02 | JDRS0A | 01 | 1 | TDD | KP | 30A | |
| 44792 | | XA229 | 65 | | | | | | | | | | | 02 | JD04SA | 01 | 1 | TDD | MQ | 34B | |
| 46029 | | XA229 | 66 | | XA228 | 66 | | | 16B | 9 | | | | 02 | JXXRCQ | 01 | 1 | TDD | JP | 31A | |
| 44423 | | XA229 | 67 | | | | | | | | | | | 01 | GND | | | TDD | | 40B | |
| 46041 | | XA229 | 68 | | XA230 | 61 | | | 16B | 9 | | | | 01 | JXXR0Q | 01 | 1 | TDD | JI | 32A | |
| 44788 | | XA229 | 69 | | | | | | | | | | | 03 | JD04BP | 00 | 1 | TDD | MP | 35A | |
| 46104 | | XA229 | 70 | | XA228 | 70 | | | 16B | 9 | | | | 06 | J16MH0 | 01 | 1 | TDD | JN | 33A | |
| 45759 | | XA229 | 71 | | | | | | | | | | | 07 | JXR4CS | 01 | 1 | TDD | MI | 36A | |
| 44685 | | XA229 | 72 | | XA228 | 72 | | | 16B | 9 | | | | 02 | JDCP10 | 01 | 1 | TDD | MN | 34A | |
| 44743 | | XA229 | 73 | | XA228 | 75 | | | 16B | 9 | | | | 02 | JDRS1A | 01 | 1 | TDD | MP | 36B | |
| 44789 | | XA229 | 74 | | XA216 | 69 | | | 16B | 9 | | | | 01 | JD04BQ | 00 | 1 | TDD | MQ | 35B | |
| 44737 | | XA229 | 75 | | XA227 | 75 | | | 16B | 9 | | | | 05 | JDRS0A | 01 | 1 | TDD | LP | 37B | |
| 44781 | | XA229 | 76 | | | | | | | | | | | 03 | JD03BP | 00 | 1 | TDD | LP | 37A | |
| 45748 | | XA229 | 77 | | | | | | | | | | | 05 | JXR3CS | 01 | 1 | TDD | LI | 38B | |
| 44782 | | XA229 | 78 | | XA216 | 62 | | | 16B | 9 | | | | 01 | JD03BQ | 00 | 1 | TDD | LO | 38A | |
| 44683 | | XA229 | 79 | | | | | | | | | | | 06 | JDCP00 | 01 | 1 | TDD | LN | 39B | |
| 44785 | | XA229 | 80 | | | | | | | | | | | 02 | JD03SA | 01 | 1 | TDD | LO | 39A | |
| 46100 | | XA230 | 01 | | XA229 | 10 | | | 16B | 9 | | | | 02 | JXXA3N | 01 | 1 | TDD | BN | 02B | |
| 44424 | | XA230 | 02 | | | | | | | | | | | 01 | GND | | | TDD | | 01B | |
| 46375 | | XA230 | 03 | | XA229 | 03 | | | 16B | 9 | | | | 14 | SPI0162 | 01 | 1 | TDD | BQ | 02A | |
| 45845 | | XA230 | 04 | | XA230 | 06 | | | 16B | 9 | | | | 04 | JXXAC P | 01 | 1 | TDD | BP | 04A | |
| 45874 | | XA230 | 05 | | XA229 | 07 | | | 16B | 9 | | | | 02 | JXXA2Q | 01 | 1 | TDD | BT | 03B | |
| 45846 | | XA230 | 06 | | | | | | | | | | | 05 | JXXAC P | 01 | 1 | TDD | AP | 05A | |
| 45879 | | XA230 | 07 | | XA227 | 24 | | | 16B | 9 | | | | 01 | JXXA3Q | 00 | 1 | TDD | BO | 03A | I/O STATE COUNTER |
| 45861 | | XA230 | 08 | | XA235 | 68 | | | 16B | 9 | | | | 02 | JXXA0Q | 01 | 1 | TDD | AI | 06A | |
| 45878 | | XA230 | 09 | | | | | | | | | | | 03 | JXXA3P | 00 | 1 | TDD | BP | 04B | |
| 46102 | | XA230 | 10 | | XA230 | 70 | | | 16B | 9 | | | | 04 | J16MH0 | 01 | 1 | TDD | AN | 07A | |
| 45863 | | XA230 | 11 | | XA235 | 53 | | | 16B | 9 | | | | 01 | JXXA1P | 00 | 1 | TDD | AP | 05B | |
| 44075 | | XA230 | 12 | | | | | | | | | | | 01 | +5V | | | TDD | | | |
| 45869 | | XA230 | 13 | | XA229 | 05 | | | 16B | 9 | | | | 05 | JXXA1Q | 00 | 1 | TDD | AQ | 06B | I/O STATE COUNTER |
| CONNECTOR (XA230) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA230
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 136

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------|-------------|------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|---------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | | | | | | | | | | | |
| 45361 | | XA230 | 14 | | XA233 | 51 | | | 16B | 9 | | | | 01 | 1 | TDD | DN | 09A | | |
| 46442 | | XA230 | 15 | | XA230 | 27 | | | 16B | 9 | | | | 01 | 1 | TDD | AQ | 07B | | |
| 44425 | | XA230 | 16 | | | | | | | | | | | | | TDD | | 20B | | |
| 46374 | | XA230 | 17 | | XA230 | 03 | | | 16B | 9 | | | | 01 | 1 | TDD | DQ | 08B | | |
| 45494 | | XA230 | 18 | | XA228 | 19 | | | 16B | 9 | | | | 01 | 1 | TDD | DI | 10A | | |
| 45500 | | XA230 | 19 | | XA220 | 08 | | | 16B | 9 | | | | 01 | 1 | TDD | DQ | 09B | EOB SYNC COUNTER | |
| 45642 | | XA230 | 20 | | XA229 | 20 | | | 16B | 9 | | | | 01 | 1 | TDD | DP | 11A | | |
| 47862 | | XA230 | 21 | | | | | | | | | | | 00 | 1 | TDD | DP | 10B | | |
| 45897 | | XA230 | 22 | | XA238 | 39 | | | 16B | 9 | | | | 01 | 1 | TDD | CP | 12A | | |
| 45937 | | XA230 | 23 | | XA228 | 05 | | | 16B | 9 | | | | 01 | 1 | TDD | CP | 11B | | |
| 45924 | | XA230 | 24 | | XA229 | 25 | | | 16B | 9 | | | | 01 | 1 | TDD | CI | 13A | | |
| 45940 | | XA230 | 25 | | | | | | | | | | | 00 | 1 | TDD | CQ | 12B | I/O BYTE COUNTER | |
| 45904 | | XA230 | 26 | | | | | | | | | | | 01 | 1 | TDD | CN | 14A | | |
| 46443 | | XA230 | 27 | | XA229 | 27 | | | 16B | 9 | | | | 01 | 1 | TDD | CQ | 13B | | |
| 44076 | | XA230 | 28 | | | | | | | | | | | | | TDD | | | | |
| 46236 | | XA230 | 29 | | XA231 | 42 | | | 16B | 9 | | | | 01 | 1 | TDD | FQ | 14B | | |
| 46094 | | XA230 | 30 | | XA239 | 27 | | | 16B | 9 | | | | 01 | 1 | TDD | FN | 15A | | |
| 46087 | | XA230 | 31 | | | | | | | | | | | 00 | 1 | TDD | FO | 15B | 2 PHASE CLOCK BIT | |
| 44426 | | XA230 | 32 | | | | | | | | | | | | | TDD | | 21B | | |
| 46083 | | XA230 | 33 | | XA235 | 59 | | | 16B | 9 | | | | 00 | 1 | TDD | FP | 16B | | |
| 46088 | | XA230 | 34 | | XA229 | 33 | | | 16B | 9 | | | | 01 | 1 | TDD | FI | 16A | | |
| 47789 | | XA230 | 35 | | | | | | | | | | | 01 | 1 | TDD | EP | 17B | | |
| 46369 | | XA230 | 36 | | XA230 | 41 | | | 16B | 9 | | | | 01 | 1 | TDD | FP | 17A | | |
| 44675 | | XA230 | 37 | | | | | | | | | | | 01 | 1 | TDD | EQ | 18B | INPUT COMMAND F/F | |
| 45630 | | XA230 | 38 | | XA232 | 41 | | | 16B | 9 | | | | 01 | 1 | TDD | EP | 18A | | |
| 46452 | | XA230 | 39 | | XA230 | 51 | | | 16B | 9 | | | | 01 | 1 | TDD | EQ | 19B | | |
| 44676 | | XA230 | 40 | | XA226 | 21 | | | 16B | 9 | | | | 01 | 1 | TDD | EI | 19A | | |
| 46370 | | XA230 | 41 | | XA229 | 39 | | | 16B | 9 | | | | 01 | 1 | TDD | HQ | 22B | | |
| 45475 | | XA230 | 42 | | XA227 | 19 | | | 16B | 9 | | | | 01 | 1 | TDD | EN | 20A | | |
| 45979 | | XA230 | 43 | | | | | | | | | | | 00 | 1 | TDD | HQ | 23B | A05 | |
| 44427 | | XA230 | 44 | | | | | | | | | | | | | TDD | | 27A | | |
| 47887 | | XA230 | 45 | | | | | | | | | | | 01 | 1 | TDD | HP | 24B | | |
| 46108 | | XA230 | 46 | | XA230 | 56 | | | 16B | 9 | | | | 01 | 1 | TDD | HN | 21A | | |
| 47885 | | XA230 | 47 | | | | | | | | | | | 01 | 1 | TDD | GP | 25B | | |
| 45974 | | XA230 | 48 | | XA218 | 78 | | | 16B | 9 | | | | 01 | 1 | TDD | HI | 22A | | |
| 45973 | | XA230 | 49 | | | | | | | | | | | 00 | 1 | TDD | GQ | 26B | I/O INPUT STROBE | |
| 45962 | | XA230 | 50 | | XA229 | 50 | | | 16B | 9 | | | | 01 | 1 | TDD | HP | 23A | | |
| 46453 | | XA230 | 51 | | XA230 | 63 | | | 16B | 9 | | | | 01 | 1 | TDD | GQ | 27B | | |
| 45961 | | XA230 | 52 | | XA230 | 50 | | | 16B | 9 | | | | 01 | 1 | TDD | GP | 24A | | |
| 44752 | | XA230 | 53 | | | | | | | | | | | 01 | 1 | TDD | KQ | 28B | | |
| 45984 | | XA230 | 54 | | XA229 | 56 | | | 16B | 9 | | | | 01 | 1 | TDD | GI | 25A | | |
| 44750 | | XA230 | 55 | | | | | | | | | | | 00 | 1 | TDD | KQ | 29B | DATA REGISTER BIT | |
| 46109 | | XA230 | 56 | | XA228 | 56 | | | 16B | 9 | | | | 01 | 1 | TDD | GN | 26A | | |
| 44748 | | XA230 | 57 | | | | | | | | | | | 00 | 1 | TDD | KP | 30B | | |
| 44428 | | XA230 | 58 | | | | | | | | | | | | | TDD | | 40A | | |
| 46039 | | XA230 | 59 | | XA218 | 63 | | | 16B | 9 | | | | 00 | 1 | TDD | JP | 31B | | |
| 44680 | | XA230 | 60 | | XA230 | 72 | | | 16B | 9 | | | | 01 | 1 | TDD | KN | 28A | | |
| 46042 | | XA230 | 61 | | XA237 | 64 | | | 16B | 9 | | | | 00 | 1 | TDD | JO | 32B | I/O REQUEST COUNTER | |
| 45611 | | XA230 | 62 | | XA231 | 07 | | | 16B | 9 | | | | 01 | 1 | TDD | KI | 29A | | |
| 46454 | | XA230 | 63 | | XA229 | 63 | | | 16B | 9 | | | | 01 | 1 | TDD | JO | 33B | | |
| CONNECTOR XA230 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA230
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 137

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|---------------------------------|-----|-------|-------|-------------|------|-------|-------|-----|---------|--------|----------|------|--------|------------------|-------|---------------------|-------------|--|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PIN | PIN | OR FG | MULTI GROUP | CODE | COLOR | IDENT | AND | | | | | | | | | OR | | | |
| 44733 | | XA230 | 64 | | XA229 | 64 | | 16B | 9 | | | JDRSOA | 01 | JD0PBP | 01 | 1 | TDD | KP | | 30A | | | |
| 44771 | | XA230 | 65 | | | | | | | | | JD0ISA | 02 | JD01BQ | 01 | 1 | TDD | MQ | | 34B | | | |
| 46028 | | XA230 | 66 | | XA229 | 66 | | 16B | 9 | | | JXXRCQ | 01 | JXXROP | 01 | 1 | TDD | JP | | 31A | | | |
| 44429 | | XA230 | 67 | | | | | | | | | GND | 01 | | | | TDD | | | 40B | | | |
| 46047 | | XA230 | 68 | | XA228 | 59 | | 16B | 9 | | | JXXR2P | 01 | JXXROI | 01 | 1 | TDD | JI | | 32A | | | |
| 44767 | | XA230 | 69 | | | | | | | | | JD01BP | 03 | JD01BP | 00 | 1 | TDD | MP | | 35A | | | |
| 46103 | | XA230 | 70 | | XA229 | 70 | | 16B | 9 | | | J16MH0 | 05 | JXXRON | 01 | 1 | TDD | JN | | 33A | | | |
| 45732 | | XA230 | 71 | | | | | | | | | JXR1CS | 04 | JD01BI | 01 | 1 | TDD | MI | | 36A | | | |
| 44681 | | XA230 | 72 | | XA230 | 79 | | 16B | 9 | | | JDCP00 | 04 | JD01BN | 01 | 1 | TDD | MN | | 34A | | | |
| 44735 | | XA230 | 73 | | XA230 | 75 | | 16B | 9 | | | JDRSOA | 03 | JD01BP | 01 | 1 | TDD | MP | | 36B | | | |
| 44769 | | XA230 | 74 | | | | | | | | | JD01BQ | 02 | JD01BQ | 00 | 1 | TDD | MQ | | 35B | | | |
| 44736 | | XA230 | 75 | | XA229 | 75 | | 16B | 9 | | | JDRSOA | 04 | JD00BP | 01 | 1 | TDD | LP | | 37B | | | |
| 47793 | | XA230 | 76 | | XA213 | 55 | | 16B | 9 | | | JD00BP | 01 | JD00BP | 00 | 1 | TDD | LP | | 37A | | C02 | |
| 45702 | | XA230 | 77 | | | | | | | | | JXROCS | 05 | JD00BI | 01 | 1 | TDD | LI | | 38B | | | |
| 44764 | | XA230 | 78 | | | | | | | | | JD00BQ | 02 | JD00BQ | 00 | 1 | TDD | LO | | 38A | | DATA REGISTER BIT | |
| 44682 | | XA230 | 79 | | XA229 | 79 | | 16B | 9 | | | JDCP00 | 05 | JD00BN | 01 | 1 | TDD | LN | | 39B | | | |
| 46462 | | XA230 | 80 | | XA231 | 78 | | 16B | 9 | | | SPI0162 | 30 | JD00BQ | 01 | 1 | TDD | LO | | 39A | | | |
| 45349 | | XA231 | 01 | | XA235 | 22 | | 16B | 9 | | | JXCMA5 | 01 | JXCA1A | 01 | 1 | TS8 | A1 | | 02B | | | |
| 44430 | | XA231 | 02 | | | | | | | | | GND | 01 | | | | TS8 | | | 01A | | | |
| 44180 | | XA231 | 03 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 45928 | | XA231 | 04 | | XA239 | 72 | | 16B | 9 | | | JXXB10 | 03 | JXCA1A | 01 | 2 | TS8 | A1 | | 04A | | | |
| 45856 | | XA231 | 05 | | XA231 | 34 | | 16B | 9 | | | JXXAOP | 04 | JXCA1A | 01 | 3 | TS8 | A1 | | 03B | | | |
| 45868 | | XA231 | 06 | | XA230 | 13 | | 16B | 9 | | | JXXAIQ | 04 | JXCA1A | 01 | 4 | TS8 | A1 | | 05A | | | |
| 45612 | | XA231 | 07 | | | | | | | | | JXRPCS | 05 | JXCA1A | 01 | 5 | TS8 | A1 | | 03A | | | |
| 45701 | | XA231 | 08 | | XA230 | 77 | | 16B | 9 | | | JXROCS | 04 | JXCA1A | 01 | 6 | TS8 | A1 | | 06A | | | |
| 44181 | | XA231 | 09 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 45728 | | XA231 | 10 | | | | | | | | | JXR1CR | 04 | JXCA1A | 01 | 7 | TS8 | A1 | | 07A | | | |
| 45338 | | XA231 | 11 | | XA235 | 23 | | 16B | 9 | | | JXCA1A | 01 | JXCA1A | 00 | 1 | TSR | A1 | | 05B | | DEV COMND BYTE 1 | |
| 44077 | | XA231 | 12 | | | | | | | | | +5V | 01 | | | | TS8 | | | | | | |
| 45736 | | XA231 | 13 | | | | | | | | | JXR2CR | 04 | JXCA1A | 01 | 8 | TS8 | A1 | | 06B | | | |
| 45553 | | XA231 | 14 | | | | | | | | | JXH5OA | 02 | JXST20 | 01 | 1 | TS8 | B1 | | 09A | | | |
| 44182 | | XA231 | 15 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 44431 | | XA231 | 16 | | | | | | | | | GND | 01 | | | | TS8 | | | 21B | | | |
| 44183 | | XA231 | 17 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 45796 | | XA231 | 18 | | | | | | | | | JXSSOA | 03 | JXST20 | 01 | 2 | TS8 | B1 | | 10A | | | |
| 45187 | | XA231 | 19 | | XA232 | 20 | | 16B | 9 | | | JXARSA | 01 | JXST20 | 01 | 3 | TS8 | B1 | | 09B | | | |
| 45293 | | XA231 | 20 | | XA232 | 19 | | 16B | 9 | | | JXBRSA | 01 | JXST20 | 01 | 4 | TS8 | B1 | | 11A | | | |
| 44184 | | XA231 | 21 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 45577 | | XA231 | 22 | | | | | | | | | JXPRSA | 02 | JXST20 | 01 | 5 | TS8 | B1 | | 12A | | | |
| 45806 | | XA231 | 23 | | XA226 | 41 | | 16B | 9 | | | JXST20 | 01 | JXST20 | 00 | 1 | TS8 | B1 | | 11B | | START MASTER RESET | |
| 44700 | | XA231 | 24 | | XA221 | 51 | | 16B | 9 | | | JDEVIA | 01 | JXST20 | 01 | 6 | TS8 | B1 | | 13A | | | |
| 44113 | | XA231 | 25 | | XA237 | 05 | | 16B | 9 | | | JDEVINH | 06 | JXST20 | 01 | 7 | TS8 | B1 | | 12B | | | |
| 46439 | | XA231 | 26 | | XA228 | 08 | | 16B | 9 | | | SPI0162 | 07 | JXST20 | 01 | 8 | TS8 | B1 | | 14A | | | |
| 44185 | | XA231 | 27 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 44078 | | XA231 | 28 | | | | | | | | | +5V | 01 | | | | TS8 | | | | | | |
| 44186 | | XA231 | 29 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 45448 | | XA231 | 30 | | XA235 | 30 | | 16B | 9 | | | JXDEVS | 01 | JXDVIA | 01 | 1 | TS8 | C1 | | 15A | | | |
| 45943 | | XA231 | 31 | | XA232 | 47 | | 16B | 9 | | | JXXB20 | 03 | JXDVIA | 01 | 2 | TS8 | C1 | | 15B | | | |
| CONNECTOR | | XA231 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA231
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 138

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|---------------|-----|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FC | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | SPC INST MISC | AND | | |
| 44432 | | XA231 | 32 | | | | | | | | | | GND | 01 | | | TS8 | | | | | 27A | | |
| 44187 | | XA231 | 33 | | | | | | | | | | DNW | 01 | | | TS8 | | | | | | | |
| 45857 | | XA231 | 34 | | XA235 | 62 | | | 16B | 9 | | | JXXA0P | 05 | JXDV1A | 01 3 | TS8 | C1 | | | | 16A | | |
| 45471 | | XA231 | 35 | | XA223 | 71 | | | 16B | 9 | | | JXDV1A | 01 | JXDV1A | 00 1 | TS8 | C1 | | | | 17B | | |
| 45867 | | XA231 | 36 | | XA231 | 06 | | | 16B | 9 | | | JXXA1Q | 03 | JXDV1A | 01 4 | TS8 | C1 | | | | 17A | | |
| 45706 | | XA231 | 37 | | XA235 | 75 | | | 16B | 9 | | | JXROPA | 04 | JXDV1A | 01 5 | TS8 | C1 | | | | 18B | | |
| 46368 | | XA231 | 38 | | XA230 | 36 | | | 16B | 9 | | | SPI0142 | 07 | JXDV1A | 01 6 | TS8 | C1 | | | | 18A | | |
| 44188 | | XA231 | 39 | | | | | | | | | | DNW | 01 | | | TS8 | | | | | | | |
| 46438 | | XA231 | 40 | | XA231 | 26 | | | 16B | 9 | | | SPI0162 | 06 | JXDV1A | 01 7 | TS8 | C1 | | | | 19A | | |
| 44189 | | XA231 | 41 | | | | | | | | | | DNW | 01 | | | TS8 | | | | | | | |
| 46237 | | XA231 | 42 | | XA244 | 52 | | | 16B | 9 | | | SPI0032 | 31 | JXDV1A | 01 8 | TS8 | C1 | | | | 20A | | |
| 45697 | | XA231 | 43 | | | | | | | | | | JXROCR | 03 | JXXACO | 01 1 | TS8 | D1 | | | | 23B | | |
| 44433 | | XA231 | 44 | | | | | | | | | | GND | 01 | | | TS8 | | | | | 40A | | |
| 44190 | | XA231 | 45 | | | | | | | | | | DNW | 01 | | | TS8 | | | | | | | |
| 45727 | | XA231 | 46 | | XA231 | 10 | | | 16B | 9 | | | JXR1CR | 03 | JXXACO | 01 2 | TS8 | D1 | | | | 21A | | |
| 45848 | | XA231 | 47 | | | | | | | | | | JXXACO | 02 | JXXACO | 00 1 | TS8 | D1 | | | | 25B | | |
| 45735 | | XA231 | 48 | | XA231 | 13 | | | 16B | 9 | | | JXR2CR | 03 | JXXACO | 01 3 | TS8 | D1 | | | | 22A | | |
| 45743 | | XA231 | 49 | | | | | | | | | | JXR3CR | 03 | JXXACO | 01 4 | TS8 | D1 | | | | 26B | | |
| 45751 | | XA231 | 50 | | XA234 | 05 | | | 16B | 9 | | | JXR4CR | 03 | JXXACO | 01 5 | TS8 | D1 | | | | 23A | | |
| 44191 | | XA231 | 51 | | | | | | | | | | DNW | 01 | | | TS8 | | | | | | | |
| 45762 | | XA231 | 52 | | | | | | | | | | JXR5CR | 03 | JXXACO | 01 6 | TS8 | D1 | | | | 24A | | |
| 44192 | | XA231 | 53 | | | | | | | | | | DNW | 01 | | | TS8 | | | | | | | |
| 45771 | | XA231 | 54 | | | | | | | | | | JXR6CR | 03 | JXXACO | 01 7 | TS8 | D1 | | | | 25A | | |
| 44616 | | XA231 | 55 | | | | | | | | | | JAEOBS | 04 | JPINTA | 01 1 | TS8 | F1 | | | | 29B | | |
| 45780 | | XA231 | 56 | | | | | | | | | | JXR7CR | 03 | JXXACO | 01 8 | TS8 | D1 | | | | 26A | | |
| 44193 | | XA231 | 57 | | | | | | | | | | DNW | 01 | | | TS8 | | | | | | | |
| 44434 | | XA231 | 58 | | | | | | | | | | GND | 01 | | | TS8 | | | | | | | |
| 45081 | | XA231 | 59 | | XA213 | 74 | | | 16B | 9 | | | JPINTA | 01 | JPINTA | 00 1 | TS8 | E1 | | | | 31B | EOB INTERRUPT ON | |
| 45042 | | XA231 | 60 | | XA231 | 72 | | | 16B | 9 | | | JK1290 | 07 | JPINTA | 01 2 | TS8 | E1 | | | | 28A | | |
| 44972 | | XA231 | 61 | | XA231 | 73 | | | 16B | 9 | | | JK08C0 | 04 | JPINTA | 01 3 | TS8 | E1 | | | | 32B | | |
| 44954 | | XA231 | 62 | | XA231 | 74 | | | 16B | 9 | | | JK04F0 | 04 | JPINTA | 01 4 | TS8 | E1 | | | | 29A | | |
| 44194 | | XA231 | 63 | | | | | | | | | | DNW | 01 | | | TS8 | | | | | | | |
| 44922 | | XA231 | 64 | | | | | | | | | | JK03D0 | 02 | JPINTA | 01 5 | TS8 | E1 | | | | 30A | | |
| 44195 | | XA231 | 65 | | | | | | | | | | DNW | 01 | | | TS8 | | | | | | | |
| 45387 | | XA231 | 66 | | XA231 | 77 | | | 16B | 9 | | | JXCP3B | 02 | JPINTA | 01 6 | TS8 | E1 | | | | 31A | | |
| 44435 | | XA231 | 67 | | | | | | | | | | GND | 01 | | | TS8 | | | | | | | |
| 46464 | | XA231 | 68 | | XA232 | 69 | | | 16B | 9 | | | SPI0162 | 32 | JPINTA | 01 7 | TS8 | E1 | | | | 32A | | |
| 44196 | | XA231 | 69 | | | | | | | | | | DNW | 01 | | | TS8 | | | | | | | |
| 46392 | | XA231 | 70 | | XA231 | 79 | | | 16B | 9 | | | SPI0142 | 31 | JPINTA | 01 8 | TS8 | E1 | | | | 33A | | |
| 44630 | | XA231 | 71 | | | | | | | | | | JAIENS | 12 | JIOTRA | 01 1 | TS8 | F1 | | | | 36A | | |
| 45043 | | XA231 | 72 | | | | | | | | | | JK1290 | 08 | JIOTRA | 01 2 | TS8 | F1 | | | | 34A | | |
| 44973 | | XA231 | 73 | | XA235 | 71 | | | 16B | 9 | | | JK08C0 | 05 | JIOTRA | 01 3 | TS8 | F1 | | | | 36B | | |
| 44955 | | XA231 | 74 | | | | | | | | | | JK04F0 | 05 | JIOTRA | 01 4 | TS8 | F1 | | | | 35B | | |
| 44925 | | XA231 | 75 | | | | | | | | | | JK03E0 | 03 | JIOTRA | 01 5 | TS8 | F1 | | | | 37B | | |
| 44879 | | XA231 | 76 | | | | | | | | | | JIOTRA | 01 | JIOTRA | 00 1 | TS8 | F1 | | | | 37A | A03 | |
| 45388 | | XA231 | 77 | | XA225 | 79 | | | 16B | 9 | | | JXCP3B | 03 | JIOTRA | 01 6 | TS8 | F1 | | | | 38B | | |
| 46463 | | XA231 | 78 | | XA231 | 68 | | | 16B | 9 | | | SPI0162 | 31 | JIOTRA | 01 7 | TS8 | F1 | | | | 38A | | |
| 46393 | | XA231 | 79 | | XA238 | 74 | | | 16B | 9 | | | SPI0142 | 32 | JIOTRA | 01 8 | TS8 | F1 | | | | 39B | A03 | |
| 44197 | | XA231 | 80 | | | | | | | | | | DNW | 01 | | | TS8 | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA232
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 139

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | | SFC INST. MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-----|--------|-----------|------|-----|-------------|------|-------|----------------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SFC | PREFIX | CONNECTOR | PIN | SFC | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 45560 | | XA232 | 01 | | | | | | | | | | JXINHR | 07 | JXINHS | 01 | 1 | TT3 | A2 | | 02B | | |
| 44436 | | XA232 | 02 | | | | | | | | | | GND | 01 | | | TT3 | | | | 01B | | |
| 45641 | | XA232 | 03 | | XA230 | 20 | | | 16B | 9 | | | JXRSOB | 14 | JXINHS | 01 | 2 | TT3 | A2 | | 02A | | |
| 46019 | | XA232 | 04 | | XA239 | 08 | | | 16B | 9 | | | JXXDR0 | 01 | JXXDR0 | 00 | 1 | TT3 | A1 | | 04A | | |
| 46078 | | XA232 | 05 | | XA232 | 48 | | | 16B | 9 | | | JXONL0 | 01 | JXINHS | 01 | 3 | TT3 | A2 | | 03B | | |
| 45994 | | XA232 | 06 | | XA224 | 03 | | | 16B | 9 | | | JXXDOP | 01 | JXXDR0 | 01 | 1 | TT3 | A1 | | 05A | | |
| 45561 | | XA232 | 07 | | XA235 | 11 | | | 16B | 9 | | | JXINHS | 01 | JXINHS | 00 | 1 | TT3 | A2 | | 03A | DATA SEND INHIBIT | |
| 46008 | | XA232 | 08 | | | | | | | | | | JXXDIP | 06 | JXXDR0 | 01 | 2 | TT3 | A1 | | 06A | | |
| 45340 | | XA232 | 09 | | XA232 | 21 | | | 16B | 9 | | | JXCA10 | 01 | JXDV5A | 01 | 1 | TT3 | A3 | | 04B | | |
| 46025 | | XA232 | 10 | | | | | | | | | | JXXDSP | 05 | JXXDR0 | 01 | 3 | TT3 | A1 | | 07A | | |
| 45453 | | XA232 | 11 | | | | | | | | | | JXDEVO | 03 | JXDV5A | 01 | 2 | TT3 | A3 | | 05B | | |
| 44079 | | XA232 | 12 | | | | | | | | | | +5V | 07 | | | TT3 | | | | | | |
| 45459 | | XA232 | 13 | | XA227 | 30 | | | 16B | 9 | | | JXDVC0 | 01 | JXDV5A | 01 | 3 | TT3 | A3 | | 06B | | |
| 45263 | | XA232 | 14 | | XA240 | 73 | | | 16B | 9 | | | JXBCMOX | 01 | JXBRSA | 01 | 1 | TT3 | B2 | | 09A | | |
| 45483 | | XA232 | 15 | | | | | | | | | | JXDV5A | 02 | JXDV5A | 00 | 1 | TT3 | A3 | | 07B | SET DEV COMND F/F | |
| 44437 | | XA232 | 16 | | | | | | | | | | GND | 01 | | | TT3 | | | | 21B | | |
| 45267 | | XA232 | 17 | | XA240 | 74 | | | 16B | 9 | | | JXBENOX | 01 | JXBRSA | 01 | 2 | TT3 | B2 | | 08B | | |
| 45299 | | XA232 | 18 | | XA237 | 01 | | | 16B | 9 | | | JXBLOX | 01 | JXBRSA | 01 | 3 | TT3 | B2 | | 10A | | |
| 45294 | | XA232 | 19 | | | | | | | | | | JXBRSA | 02 | JXBRSA | 00 | 1 | TT3 | B2 | | 09B | PORT B IOU RESET | |
| 45188 | | XA232 | 20 | | | | | | | | | | JXARSA | 02 | JXARSA | 00 | 1 | TT3 | B1 | | 11A | PORT A IOU RESET | |
| 45341 | | XA232 | 21 | | XA232 | 29 | | | 16B | 9 | | | JXCA10 | 02 | JXIROA | 01 | 1 | TT3 | B3 | | 10B | | |
| 45149 | | XA232 | 22 | | XA241 | 73 | | | 16B | 9 | | | JXACMOX | 01 | JXARSA | 01 | 1 | TT3 | B1 | | 12A | | |
| 45566 | | XA232 | 23 | | | | | | | | | | JXIRCO | 02 | JXIROA | 01 | 2 | TT3 | B3 | | 11B | | |
| 45157 | | XA232 | 24 | | XA241 | 74 | | | 16B | 9 | | | JXAENOX | 01 | JXARSA | 01 | 2 | TT3 | B1 | | 13A | | |
| 45445 | | XA232 | 25 | | | | | | | | | | JXDEVA | 06 | JXIROA | 01 | 3 | TT3 | B3 | | 12B | | |
| 45199 | | XA232 | 26 | | | | | | | | | | JXASLOX | 07 | JXARSA | 01 | 3 | TT3 | B1 | | 14A | | |
| 45567 | | XA232 | 27 | | XA228 | 27 | | | 16B | 9 | | | JXIROA | 01 | JXIROA | 00 | 1 | TT3 | B3 | | 13B | COMMAND IS ITR | |
| 44080 | | XA232 | 28 | | | | | | | | | | +5V | 01 | | | TT3 | | | | | | |
| 45342 | | XA232 | 29 | | XA235 | 27 | | | 16B | 9 | | | JXCA10 | 03 | JXHSA | 01 | 1 | TT3 | C2 | | 14B | | |
| 45550 | | XA232 | 30 | | XA226 | 52 | | | 16B | 9 | | | JXHST0 | 01 | JXHSA | 01 | 2 | TT3 | C2 | | 15A | | |
| 45552 | | XA232 | 31 | | XA231 | 14 | | | 16B | 9 | | | JXHSA | 01 | JXHSA | 00 | 1 | TT3 | C2 | | 15B | COMMAND IS STOP | |
| 44438 | | XA232 | 32 | | | | | | | | | | GND | 01 | | | TT3 | | | | 27A | | |
| 46073 | | XA232 | 33 | | XA235 | 33 | | | 16B | 9 | | | JXOFRS | 03 | JXODEA | 01 | 1 | TT3 | C3 | | 16B | | |
| 45444 | | XA232 | 34 | | XA232 | 25 | | | 16B | 9 | | | JXDEVA | 05 | JXHSA | 01 | 3 | TT3 | C2 | | 16A | | |
| 45711 | | XA232 | 35 | | XA225 | 05 | | | 16B | 9 | | | JXROPPR | 03 | JXODEA | 01 | 2 | TT3 | C3 | | 17B | | |
| 45492 | | XA232 | 36 | | XA228 | 17 | | | 16B | 9 | | | JXEBOA | 01 | JXEBOA | 00 | 1 | TT3 | C1 | | 17A | COMMAND IS FOR | |
| 45890 | | XA232 | 37 | | XA232 | 49 | | | 16B | 9 | | | JXXA50 | 03 | JXODEA | 01 | 3 | TT3 | C3 | | 18B | | |
| 45344 | | XA232 | 38 | | XA225 | 37 | | | 16B | 9 | | | JXCA10 | 05 | JXEBOA | 01 | 1 | TT3 | C1 | | 18A | | |
| 46058 | | XA232 | 39 | | XA222 | 73 | | | 16B | 9 | | | JXODEA | 01 | JXODEA | 00 | 1 | TT3 | C3 | | 19B | OFR DATA PARITY | |
| 45512 | | XA232 | 40 | | XA227 | 52 | | | 16B | 9 | | | JXEBO0 | 01 | JXEBOA | 01 | 2 | TT3 | C1 | | 19A | | |
| 45631 | | XA232 | 41 | | XA232 | 56 | | | 16B | 9 | | | JXRSOB | 04 | JXINOA | 01 | 1 | TT3 | D2 | | 22B | | |
| 45443 | | XA232 | 42 | | XA232 | 34 | | | 16B | 9 | | | JXDEVA | 04 | JXEBOA | 01 | 3 | TT3 | C1 | | 20A | | |
| 45564 | | XA232 | 43 | | | | | | | | | | JXINOA | 02 | JXINOA | 00 | 1 | TT3 | D2 | | 23B | | |
| 44439 | | XA232 | 44 | | | | | | | | | | GND | 01 | | | TT3 | | | | 40A | | |
| 46072 | | XA232 | 45 | | XA232 | 33 | | | 16B | 9 | | | JXOFRS | 02 | JXODOA | 01 | 1 | TT3 | D3 | | 24B | | |
| 45597 | | XA232 | 46 | | | | | | | | | | JXRCMS | 04 | JXINOA | 01 | 2 | TT3 | D2 | | 21A | | |
| 45944 | | XA232 | 47 | | XA239 | 69 | | | 16B | 9 | | | JXXB20 | 04 | JXODOA | 01 | 2 | TT3 | D3 | | 25B | | |
| 46079 | | XA232 | 48 | | XA227 | 51 | | | 16B | 9 | | | JXONL0 | 02 | JXINOA | 01 | 3 | TT3 | D2 | | 22A | | |
| 45891 | | XA232 | 49 | | XA238 | 75 | | | 16B | 9 | | | JXXA50 | 04 | JXODOA | 01 | 3 | TT3 | D3 | | 26B | | |
| 45900 | | XA232 | 50 | | | | | | | | | | JXXBC0 | 02 | JXXBC0 | 00 | 1 | TT3 | D1 | | 23A | | |
| CONNECTOR (XA232) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA232
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 140

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|--------------|-------|---------------|-----------|------|-------|-------------|------|-------|------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FE | PREFIX | CONNECTOR | PIN | SH FE | MULTI GROUP | CODE | COLOR | IDEN | | | | | | | | | | | |
| 46068 | | XA232 | 51 | | | | | | | | | | JXOD0A | 06 | JXOD0A | 00 | 1 | TT3 | D3 | | 27B | OFR DATA STROBE | |
| 45590 | | XA232 | 52 | | XA237 | 49 | | | 16B | 9 | | | JXRCMR | 01 | JXXBCO | 01 | 1 | TT3 | D1 | | 24A | | |
| 46473 | | XA232 | 53 | | XA232 | 66 | | | 16B | 9 | | | SPI0172 | 05 | | 01 | 1 | TT3 | E2 | | 28B | | |
| 45598 | | XA232 | 54 | | XA237 | 52 | | | 16B | 9 | | | JXREN | 01 | JXXBCO | 01 | 2 | TT3 | D1 | | 25A | | |
| 47776 | | XA232 | 55 | | | | | | | | | | SPO | 01 | | 00 | 1 | TT3 | E2 | | 29B | | |
| 45632 | | XA232 | 56 | | XA237 | 50 | | | 16B | 9 | | | JXRS0B | 05 | JXXBCO | 01 | 3 | TT3 | D1 | | 26A | | |
| 45952 | | XA232 | 57 | | XA229 | 47 | | | 16B | 9 | | | JXXCIP | 01 | JXDBIO | 01 | 1 | TT3 | E3 | | 30B | | |
| 44440 | | XA232 | 58 | | | | | | | | | | GND | 01 | | | | TT3 | | | 40B | | |
| 46007 | | XA232 | 59 | | XA232 | 08 | | | 16B | 9 | | | JXXDIP | 05 | JXDBIO | 01 | 2 | TT3 | E3 | | 31B | | |
| 46389 | | XA232 | 60 | | XA232 | 68 | | | 16B | 9 | | | SPI0142 | 28 | | 01 | 2 | TT3 | E2 | | 28A | | |
| 46024 | | XA232 | 61 | | XA232 | 10 | | | 16B | 9 | | | JXXDSP | 04 | JXDBIO | 01 | 3 | TT3 | E3 | | 32B | | |
| 46467 | | XA232 | 62 | | XA244 | 63 | | | 16B | 9 | | | SPI0162 | 35 | | 01 | 3 | TT3 | E2 | | 29A | | |
| 45420 | | XA232 | 63 | | | | | | | | | | JXDBIO | 03 | JXDBIO | 00 | 1 | TT3 | E3 | | 33B | INPUT INDICATOR | |
| 47777 | | XA232 | 64 | | | | | | | | | | SPO | 01 | | 00 | 1 | TT3 | E1 | | 30A | | |
| 45125 | | XA232 | 65 | | XA225 | 77 | | | 16B | 9 | | | JSNC2S | 01 | JSC11A | 01 | 1 | TT3 | F2 | | 34B | | |
| 46474 | | XA232 | 66 | | XA232 | 78 | | | 16B | 9 | | | SPI0172 | 06 | | 01 | 1 | TT3 | E1 | | 31A | | |
| 44441 | | XA232 | 67 | | | | | | | | | | GND | 01 | | | | TT3 | | | | | |
| 46390 | | XA232 | 68 | | XA232 | 76 | | | 16B | 9 | | | SPI0142 | 29 | | 01 | 2 | TT3 | E1 | | 32A | | |
| 46465 | | XA232 | 69 | | XA232 | 70 | | | 16B | 9 | | | SPI0162 | 33 | | 01 | 1 | TT3 | F3 | | 35A | | |
| 46466 | | XA232 | 70 | | XA232 | 62 | | | 16B | 9 | | | SPI0162 | 34 | | 01 | 3 | TT3 | E1 | | 33A | | |
| 44656 | | XA232 | 71 | | | | | | | | | | JBUSYR | 04 | JSC11A | 01 | 2 | TT3 | F2 | | 36A | | |
| 45386 | | XA232 | 72 | | XA231 | 66 | | | 16B | 9 | | | JXCP3B | 01 | JSC11A | 01 | 3 | TT3 | F2 | | 34A | | |
| 44909 | | XA232 | 73 | | XA227 | 76 | | | 16B | 9 | | | JKTCRO | 01 | JKTCRO | 00 | 1 | TT3 | F1 | | 36B | | |
| 45101 | | XA232 | 74 | | | | | | | | | | JSC11A | 02 | JSC11A | 00 | 1 | TT3 | F2 | | 35B | NOT BUSY COMMAND | |
| 44606 | | XA232 | 75 | | | | | | | | | | JAEN5A | 03 | JKTCRO | 01 | 1 | TT3 | F1 | | 37B | | |
| 46391 | | XA232 | 76 | | XA231 | 70 | | | 16B | 9 | | | SPI0142 | 30 | | 01 | 2 | TT3 | F3 | | 37A | | |
| 44840 | | XA232 | 77 | | XA224 | 64 | | | 16B | 9 | | | JIENSA | 01 | JKTCRO | 01 | 2 | TT3 | F1 | | 38B | | |
| 46475 | | XA232 | 78 | | XA232 | 79 | | | 16B | 9 | | | SPI0172 | 07 | | 01 | 3 | TT3 | F3 | | 38A | | |
| 45099 | | XA232 | 79 | | XA244 | 61 | | | 16B | 9 | | | SPI0172 | 08 | JKTCRO | 01 | 3 | TT3 | F1 | | 39B | | A03 |
| 47778 | | XA232 | 80 | | | | | | | | | | SPO | 01 | | 00 | 1 | TT3 | F3 | | 39A | | A03 |
| 44198 | | XA233 | 01 | | | | | | | | | | DNW | 01 | | | | DBC | | | | | |
| 44442 | | XA233 | 02 | | | | | | | | | | GND | 01 | | | | DBC | | | 01A | | |
| 44990 | | XA233 | 03 | | XA234 | 60 | | | 16B | 9 | | | JK12B3U | 01 | JK1202T | 01 | 1 | DBC | A3 | | 02B | | |
| 44984 | | XA233 | 04 | | XA234 | 54 | | | 16B | 9 | | | JK12B1U | 01 | JK1200T | 01 | 1 | DBC | A1 | | 02A | | |
| 44996 | | XA233 | 05 | | | | | | | | | | JK12B4U | 04 | JK1203T | 01 | 1 | DBC | A4 | | 03B | | |
| 44989 | | XA233 | 06 | | | | | | | | | | JK12B2U | 03 | JK1201T | 01 | 1 | DBC | A2 | | 03A | | |
| 45010 | | XA233 | 07 | | | | | | | | | | JK1205T | 02 | JK1205T | 00 | 1 | DBC | A6 | | 04B | | |
| 44999 | | XA233 | 08 | | XA219 | 24 | | | 16B | 9 | | | JK1200T | 01 | JK1200T | 00 | 1 | DBC | A1 | | 04A | KK12 BITS STATE | |
| 45011 | | XA233 | 09 | | XA219 | 29 | | | 16B | 9 | | | JK1206T | 01 | JK1206T | 00 | 1 | DBC | A7 | | 05B | | |
| 45002 | | XA233 | 10 | | | | | | | | | | JK1201T | 02 | JK1201T | 00 | 1 | DBC | A2 | | 05A | | |
| 45014 | | XA233 | 11 | | | | | | | | | | JK1207T | 02 | JK1207T | 00 | 1 | DBC | A8 | | 06B | | |
| 44081 | | XA233 | 12 | | | | | | | | | | +5V | 01 | | | | DBC | | | 08A | | |
| 45006 | | XA233 | 13 | | | | | | | | | | JK1203T | 02 | JK1203T | 00 | 1 | DBC | A4 | | 07A | | |
| 45003 | | XA233 | 14 | | XA219 | 17 | | | 16B | 9 | | | JK1202T | 01 | JK1202T | 00 | 1 | DBC | A3 | | 06A | | |
| 45015 | | XA233 | 15 | | XA219 | 54 | | | 16B | 9 | | | JK1208T | 01 | JK1208T | 00 | 1 | DBC | A9 | | 07B | | |
| 44443 | | XA233 | 16 | | | | | | | | | | GND | 01 | | | | DBC | | | 01B | | |
| 45007 | | XA233 | 17 | | XA219 | 40 | | | 16B | 9 | | | JK1204T | 01 | JK1204T | 00 | 1 | DBC | A5 | | 08B | | |
| 45018 | | XA233 | 18 | | | | | | | | | | JK1209T | 02 | JK1209T | 00 | 1 | DBC | A0 | | 09A | | |
| CONNECTOR | | XA233 | CONTINUED ON | | THE NEXT PAGE | | **** | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA233
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 141

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SFC INST. MISC. | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO | |
|---|--------|-----------|-----|--------|-----------|-----|--------|-------------|------|-------|-----------------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|-------------------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | OR IFC | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | | IDENT |
| 45764 | | XA233 | 19 | | XA236 | 74 | | | 16B | 9 | | JXR5CS | 02 | JXR092T | 01 | 1 | DBC | B3 | | 09B | | | |
| 45782 | | XA233 | 20 | | XA236 | 70 | | | 16B | 9 | | JXR7CS | 02 | JXR090T | 01 | 1 | DBC | B1 | | | 10A | | |
| 45754 | | XA233 | 21 | | XA236 | 76 | | | 16B | 9 | | JXR4CS | 02 | JXR093T | 01 | 1 | DBC | B4 | | | 10B | | |
| 45773 | | XA233 | 22 | | XA236 | 72 | | | 16B | 9 | | JXR6CS | 02 | JXR091T | 01 | 1 | DBC | B2 | | | 11A | | |
| 47876 | | XA233 | 23 | | | | | | | | M | JXR095T | 01 | JXR095T | 00 | 1 | DBC | B6 | | | 11B | | |
| 45714 | | XA233 | 24 | | | | | | | | | JXR090T | 02 | JXR090T | 00 | 1 | DBC | B1 | | | 12A | | DATA BYTE DECODER |
| 47877 | | XA233 | 25 | | | | | | | | M | JXR096T | 01 | JXR096T | 00 | 1 | DBC | B7 | | | 12B | | |
| 45715 | | XA233 | 26 | | XA226 | 54 | | | 16B | 9 | | JXR091T | 01 | JXR091T | 00 | 1 | DBC | B2 | | | 13A | | |
| 45718 | | XA233 | 27 | | | | | | | | | JXR092T | 02 | JXR092T | 00 | 1 | DBC | B3 | | | 14A | | |
| 44082 | | XA233 | 28 | | | | | | | | | +5V | 01 | | | | DBC | | | 08A | | | |
| 45722 | | XA233 | 29 | | | | | | | | M | JXR097T | 02 | JXR097T | 00 | 1 | DBC | B8 | | | 13B | | |
| 47875 | | XA233 | 30 | | | | | | | | | JXR093T | 01 | JXR093T | 00 | 1 | DBC | B4 | | | 15A | | |
| 45723 | | XA233 | 31 | | XA227 | 29 | | | 16B | 9 | | JXR098T | 01 | JXR098T | 00 | 1 | DBC | B9 | | | 14B | | |
| 44444 | | XA233 | 32 | | | | | | | | | GND | 01 | | | | DBC | | | 27A | | | |
| 45720 | | XA233 | 33 | | | | | | | | M | JXR094T | 02 | JXR094T | 00 | 1 | DBC | B5 | | | 16A | | |
| 47878 | | XA233 | 34 | | | | | | | | | JXR099T | 01 | JXR099T | 00 | 1 | DBC | B0 | | | 15B | | |
| 44901 | | XA233 | 35 | | XA228 | 50 | | | 16B | 9 | | JKTCCP | 04 | JK03B5U | 01 | 1 | DBC | C5 | | | 16B | | A03 |
| 44920 | | XA233 | 36 | | | | | | | | | JK03B5U | 02 | JK03B5U | 00 | 1 | DBC | C5 | | | 17A | | |
| 45365 | | XA233 | 37 | | XA229 | 42 | | | 16B | 9 | | JXCP1B | 09 | JK03B2U | 01 | 1 | DBC | C2 | | | 17B | | |
| 44912 | | XA233 | 38 | | | | | | | | | JK03B1U | 02 | JK03B1U | 00 | 1 | DBC | C1 | | | 18A | | |
| 46367 | | XA233 | 39 | | XA231 | 38 | | | 16B | 9 | | SPIO142 | 06 | JK03B1U | 01 | 1 | DBC | C1 | | | 18B | | |
| 46115 | | XA233 | 4T | | | | | | | | | SPA | 01 | JK1204T | 01 | 1 | DBC | A5 | | | | | |
| 46116 | | XA233 | 4T | | | | | | | | | SPA | 01 | JXR094T | 01 | 1 | DBC | B5 | | | | | |
| 44913 | | XA233 | 40 | | XA234 | 22 | | | 16B | 9 | | JK03B2U | 01 | JK03B2U | 00 | 1 | DBC | C2 | | | 19A | | |
| 46479 | | XA233 | 41 | | XA238 | 65 | | | 16B | 9 | | SPIO182 | 01 | JK03B1U | 01 | 2 | DBC | C1 | | | 19B | | A01 |
| 44916 | | XA233 | 42 | | | | | | | | | JK03B3U | 02 | JK03B3U | 00 | 1 | DBC | C3 | | | 20A | | |
| 46270 | | XA233 | 43 | | XA228 | 41 | | | 16B | 9 | | SPIO052 | 07 | JK03B1U | 01 | 3 | DBC | C1 | | | 22B | | |
| 44445 | | XA233 | 44 | | | | | | | | | GND | 01 | | | | DBC | | | 40B | | | |
| 46246 | | XA233 | 45 | | XA229 | 29 | | | 16B | 9 | | SPIO042 | 08 | JK03B1U | 01 | 4 | DBC | C1 | | | 23B | | |
| 44918 | | XA233 | 46 | | | | | | | | | JK03B4U | 02 | JK03B4U | 00 | 1 | DBC | C4 | | | 21A | | |
| 46502 | | XA233 | 47 | | XA239 | 13 | | | 16B | 9 | | SPIO202 | 00 | JK03B3U | 01 | 1 | DBC | C3 | | | 23A | | A03 |
| 46501 | | XA233 | 48 | | XA235 | 78 | | | 16B | 9 | | JK00BQ | 02 | JK03B4U | 01 | 1 | DBC | C4 | | | 22A | | A03 |
| 44898 | | XA233 | 49 | | XA234 | 49 | | | 16B | 9 | | JKTCCP | 01 | JK08B5U | 01 | 1 | DBC | D5 | | | 24B | | |
| 46117 | | XA233 | 5T | | | | | | | | | SPA | 01 | JXR095T | 01 | 1 | DBC | B6 | | | | | |
| 46118 | | XA233 | 5T | | | | | | | | | SPA | 01 | JK1205T | 01 | 1 | DBC | A6 | | | | | |
| 46472 | | XA233 | 50 | | XA232 | 53 | | | 16B | 9 | | SPIO172 | 04 | JK03B1U | 01 | 5 | DBC | C1 | | | 24A | | |
| 45362 | | XA233 | 51 | | XA234 | 51 | | | 16B | 9 | | JXCP1B | 06 | JK08B2U | 01 | 1 | DBC | D2 | | | 25B | | |
| 47804 | | XA233 | 52 | | | | | | | | M | JK08B5U | 01 | JK08B5U | 00 | 1 | DBC | D5 | | | 25A | | |
| 45523 | | XA233 | 53 | | XA228 | 40 | | | 16B | 9 | | JXGN1A | 10 | JK08B1U | 01 | 1 | DBC | D1 | | | 26B | | |
| 44958 | | XA233 | 54 | | | | | | | | | JK08B1U | 03 | JK08B1U | 00 | 1 | DBC | D1 | | | 26A | | BITS 8-9-10-11 OF |
| 45532 | | XA233 | 55 | | XA233 | 79 | | | 16B | 9 | | JXGN2A | 07 | JK08B1U | 01 | 2 | DBC | D1 | | | 27B | | |
| 44959 | | XA233 | 56 | | XA224 | 54 | | | 16B | 9 | | JK08B2U | 01 | JK08B2U | 00 | 1 | DBC | D2 | | | 28B | | |
| 45543 | | XA233 | 57 | | XA234 | 57 | | | 16B | 9 | | JXGN3A | 08 | JK08B1U | 01 | 3 | DBC | D1 | | | 29B | | |
| 44446 | | XA233 | 58 | | | | | | | | | GND | 01 | | | | DBC | | | | | | |
| 45549 | | XA233 | 59 | | | | | | | | | JXGN4A | 03 | JK08B1U | 01 | 4 | DBC | D1 | | | 30B | | |
| 46119 | | XA233 | 6T | | | | | | | | | SPA | 01 | JXR096T | 01 | 1 | DBC | B7 | | | | | |
| 46120 | | XA233 | 6T | | | | | | | | | SPA | 01 | JK1206T | 01 | 1 | DBC | A7 | | | | | |
| 44962 | | XA233 | 60 | | XA224 | 52 | | | 16B | 9 | | JK08B3U | 01 | JK08B3U | 00 | 1 | DBC | D3 | | | 28A | | |
| 46503 | | XA233 | 61 | | XA234 | 61 | | | 16B | 9 | | SPIO182 | 25 | JK08B3U | 01 | 1 | DBC | D3 | | | 31B | | |
| 44965 | | XA233 | 62 | | XA215 | 06 | | | 16B | 9 | | JK08B4U | 01 | JK08B4U | 00 | 1 | DBC | D4 | | | 29A | | |
| CONNECTOR XA233 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA233
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 142

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | SFC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------------|------|-------|---------------|--------|---------|----------|---------|--------|------------------|-------|---------------------|--------------------|--------------------|--------------------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 44889 | | XA233 | 63 | | XA222 | 68 | | 16B | 9 | | | JKPE0A | 02 | JK08B1U | 01 | 5 | DBC | D1 | | 31A | |
| 44945 | | XA233 | 64 | | XA234 | 36 | | 16B | 9 | | | JK04B5U | 02 | JK08B4U | 01 | 1 | DBC | D4 | | 30A | |
| 44199 | | XA233 | 65 | | | | | | | | | DNW | 01 | | | | DBC | | | | |
| 46505 | | XA233 | 66 | | XA234 | 66 | | 16B | 9 | | | SPI0182 | 27 | JXS475U | 01 | 1 | DBC | E5 | | 32B | |
| 44447 | | XA233 | 67 | | | | | | | | | GND | 01 | | | | DBC | | | | |
| 47882 | | XA233 | 68 | | | | | | | | M | JXS475U | 01 | JXS475U | 00 | 1 | DBC | E5 | | 33A | I/O BUFFER REG BIT |
| 45790 | | XA233 | 69 | | XA227 | 39 | | 16B | 9 | | | JXSK00 | 02 | JXS472U | 01 | 1 | DBC | E2 | | 32A | |
| 46121 | | XA233 | 71 | | | | | | | | | SPA | 01 | JXR097T | 01 | 1 | DBC | B8 | | | |
| 46122 | | XA233 | 71 | | | | | | | | | SPA | 01 | JK1207T | 01 | 1 | DBC | A8 | | | |
| 45827 | | XA233 | 70 | | | | | | | | | JXS471U | 04 | JXS471U | 00 | 1 | DBC | E1 | | 34A | |
| 45432 | | XA233 | 71 | | XA216 | 73 | | 16B | 9 | | | JXDB4TA | 01 | JXS471U | 01 | 1 | DBC | E1 | | 33B | |
| 45828 | | XA233 | 72 | | XA236 | 62 | | 16B | 9 | | | JXS472U | 01 | JXS472U | 00 | 1 | DBC | E2 | | 35A | |
| 45435 | | XA233 | 73 | | | | | | | | | JXDB4TB | 02 | JXS471U | 01 | 2 | DBC | E1 | | 34B | |
| 45835 | | XA233 | 74 | | | | | | | | | JXS473U | 04 | JXS473U | 00 | 1 | DBC | E3 | | 36A | |
| 45436 | | XA233 | 75 | | XA216 | 74 | | 16B | 9 | | | JXDB4TC | 01 | JXS471U | 01 | 3 | DBC | E1 | | 35B | |
| 45836 | | XA233 | 76 | | XA236 | 57 | | 16B | 9 | | | JXS474U | 01 | JXS474U | 00 | 1 | DBC | E4 | | 37A | |
| 45439 | | XA233 | 77 | | | | | | | | | JXDB4TD | 02 | JXS471U | 01 | 4 | DBC | E1 | | 36B | |
| 45545 | | XA233 | 78 | | XA234 | 78 | | 16B | 9 | | | JXGN3A | 10 | JXS474U | 01 | 1 | DBC | E4 | | 38A | |
| 45533 | | XA233 | 79 | | XA234 | 79 | | 16B | 9 | | | JXGN2A | 08 | JXS473U | 01 | 1 | DBC | E3 | | 37B | |
| 46123 | | XA233 | 81 | | | | | | | | | SPA | 01 | JXR098T | 01 | 1 | DBC | B9 | | | |
| 46124 | | XA233 | 81 | | | | | | | | | SPA | 01 | JK1208T | 01 | 1 | DBC | A9 | | | |
| 45521 | | XA233 | 80 | | XA234 | 53 | | 16B | 9 | | | JXGN1A | 08 | JXS471U | 01 | 5 | DBC | E1 | | 38B | |
| 46125 | | XA233 | 91 | | | | | | | | | SPA | 01 | JK1209T | 01 | 1 | DBC | A0 | | | |
| 46126 | | XA233 | 91 | | | | | | | | | SPA | 01 | JXR099T | 01 | 1 | DBC | B0 | | | |
| 44200 | | XA234 | 01 | | | | | | | | | DNW | 01 | | | | DBC | | | | |
| 44448 | | XA234 | 02 | | | | | | | | | GND | 01 | | | | DBC | | | 01A | |
| 45763 | | XA234 | 03 | | XA233 | 19 | | 16B | 9 | | | JXR5CS | 01 | JXRAF2T | 01 | 1 | DBC | A3 | | 02B | |
| 45781 | | XA234 | 04 | | XA233 | 20 | | 16B | 9 | | | JXR7CS | 01 | JXRAF0T | 01 | 1 | DBC | A1 | | 02A | |
| 45752 | | XA234 | 05 | | | | | | | | | JXR4CR | 04 | JXRAF3T | 01 | 1 | DBC | A4 | | 03B | |
| 45772 | | XA234 | 06 | | XA233 | 22 | | 16B | 9 | | | JXR6CS | 01 | JXRAF1T | 01 | 1 | DBC | A2 | | 03A | |
| 45584 | | XA234 | 07 | | | | | | | | | JXRAF5T | 03 | JXRAF5T | 00 | 1 | DBC | A6 | | 04B | |
| 47868 | | XA234 | 08 | | | | | | | | M | JXRAF0T | 01 | JXRAF0T | 00 | 1 | DBC | A1 | | 04A | DATA BYTE DECODER |
| 45586 | | XA234 | 09 | | | | | | | | | JXRAF6T | 02 | JXRAF6T | 00 | 1 | DBC | A7 | | 05B | |
| 47869 | | XA234 | 10 | | | | | | | | M | JXRAF1T | 01 | JXRAF1T | 00 | 1 | DBC | A2 | | 05A | |
| 45589 | | XA234 | 11 | | | | | | | | | JXRAF7T | 03 | JXRAF7T | 00 | 1 | DBC | A8 | | 06B | |
| 44083 | | XA234 | 12 | | | | | | | | | +5V | 01 | | | | DBC | | | 06A | |
| 47871 | | XA234 | 13 | | | | | | | | M | JXRAF3T | 01 | JXRAF3T | 00 | 1 | DBC | A4 | | 07A | |
| 47870 | | XA234 | 14 | | | | | | | | M | JXRAF2T | 01 | JXRAF2T | 00 | 1 | DBC | A3 | | 06A | |
| 47873 | | XA234 | 15 | | | | | | | | M | JXRAF8T | 01 | JXRAF8T | 00 | 1 | DBC | A9 | | 07B | |
| 44449 | | XA234 | 16 | | | | | | | | | GND | 01 | | | | DBC | | | 01B | |
| 47872 | | XA234 | 17 | | | | | | | | M | JXRAF4T | 01 | JXRAF4T | 00 | 1 | DBC | A5 | | 08B | |
| 47874 | | XA234 | 18 | | | | | | | | M | JXRAF9T | 01 | JXRAF9T | 00 | 1 | DBC | A0 | | 09A | |
| 44915 | | XA234 | 19 | | XA233 | 42 | | 16B | 9 | | | JK03B3U | 01 | JK0302T | 01 | 1 | DBC | B3 | | 09B | |
| 44911 | | XA234 | 20 | | XA233 | 38 | | 16B | 9 | | | JK03B1U | 01 | JK0300T | 01 | 1 | DBC | B1 | | 10A | |
| 44929 | | XA234 | 21 | | | | | | | | | JK030A | 02 | JK0303T | 01 | 1 | DBC | B4 | | 10B | |
| 44914 | | XA234 | 22 | | | | | | | | | JK03B2U | 02 | JK0301T | 01 | 1 | DBC | B2 | | 11A | |
| 44931 | | XA234 | 23 | | | | | | | | M | JK0305T | 02 | JK0305T | 00 | 1 | DBC | B6 | | 11B | |
| 47797 | | XA234 | 24 | | | | | | | | | JK0300T | 01 | JK0300T | 00 | 1 | DBC | B1 | | 12A | KK03 BITS STATE DE |
| CONNECTOR XA234 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA234
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 143

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | SFC | TEST WIRE | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------------|------|-------|-----|-----------|--------|---------|----------|---------|---------|------------------|-------|---------------------|-------------|-----|--------------------|--------------------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | | | | | | | | | | | IDENT | AND | | |
| 44932 | | XA234 | 25 | | XA219 | 04 | | | | | 16B 9 | | | | | | | | | | | | |
| 47798 | | XA234 | 26 | | | | | | | | | M | JK0306T | 01 | JK0306T | 00 | 1 | DBC | B7 | | 12B | | |
| 47799 | | XA234 | 27 | | | | | | | | | M | JK0301T | 01 | JK0301T | 00 | 1 | DBC | B2 | | 13A | | |
| 44084 | | XA234 | 28 | | | | | | | | | | M | JK0302T | 01 | JK0302T | 00 | 1 | DBC | B3 | | 14A | |
| 44935 | | XA234 | 29 | | | | | | | | | | | 01 | +5V | | | | | | 08A | | |
| 47800 | | XA234 | 30 | | | | | | | | | M | JK0307T | 02 | JK0307T | 00 | 1 | DBC | B8 | | 13B | | |
| 47802 | | XA234 | 31 | | | | | | | | | M | JK0303T | 01 | JK0303T | 00 | 1 | DBC | B4 | | 15A | | |
| 44450 | | XA234 | 32 | | | | | | | | | | M | JK0308T | 01 | JK0308T | 00 | 1 | DBC | B9 | | 14B | |
| 47801 | | XA234 | 33 | | | | | | | | | | | 01 | GND | | | | | | 27A | | |
| 47803 | | XA234 | 34 | | | | | | | | | M | JK0304T | 01 | JK0304T | 00 | 1 | DBC | B5 | | 16A | | |
| 44900 | | XA234 | 35 | | XA233 | 35 | | | | | 16B 9 | | M | JK0309T | 01 | JK0309T | 00 | 1 | DBC | B0 | | 15B | |
| 44946 | | XA234 | 36 | | XA214 | 38 | | | | | 16B 9 | | | 03 | JKTCCP | 01 | 1 | DBC | C5 | | 16B | | |
| 45364 | | XA234 | 37 | | XA233 | 37 | | | | | 16B 9 | | | 03 | JK04B5U | 00 | 1 | DBC | C5 | | 17A | | |
| 44937 | | XA234 | 38 | | | | | | | | | | | 08 | JXCP1B | 01 | 1 | DBC | C2 | | 17B | | |
| 46499 | | XA234 | 39 | | XA233 | 61 | | | | | 16B 9 | | | 02 | JK04B1U | 00 | 1 | DBC | C1 | | 18A | | BITS 4-5-6-7 OF MA |
| 46127 | | XA234 | 4T | | | | | | | | | | | 21 | SPI0182 | 01 | 1 | DBC | C1 | | 18B | | A03 |
| 46128 | | XA234 | 4T | | | | | | | | | | | 01 | SPA | 01 | 1 | DBC | B5 | | | | |
| 44938 | | XA234 | 40 | | XA215 | 05 | | | | | 16B 9 | | | 01 | SPA | 01 | 1 | DBC | A5 | | | | |
| 46269 | | XA234 | 41 | | XA233 | 43 | | | | | 16B 9 | | | 01 | JXRAF4T | 01 | 1 | DBC | A5 | | 19A | | |
| 44941 | | XA234 | 42 | | | | | | | | | | | 01 | JK04B2U | 00 | 1 | DBC | C2 | | | | |
| 46245 | | XA234 | 43 | | XA233 | 45 | | | | | 16B 9 | | | 06 | JK04B1U | 01 | 2 | DBC | C1 | | 19B | | |
| 44451 | | XA234 | 44 | | | | | | | | | | | 02 | JK04B3U | 00 | 1 | DBC | C3 | | 20A | | |
| 46366 | | XA234 | 45 | | XA233 | 39 | | | | | 16B 9 | | | 07 | SPI0042 | 01 | 3 | DBC | C1 | | 22B | | |
| 44942 | | XA234 | 46 | | XA215 | 01 | | | | | 16B 9 | | | 01 | GND | | | | | | 40B | | |
| 46500 | | XA234 | 47 | | XA233 | 39 | | | | | 16B 9 | | | 05 | SPI0142 | 01 | 4 | DBC | C1 | | 23B | | |
| 44919 | | XA234 | 48 | | XA239 | 19 | | | | | 16B 9 | | | 01 | JK04B4U | 00 | 1 | DBC | C4 | | 21A | | |
| 44899 | | XA234 | 49 | | XA233 | 36 | | | | | 16B 9 | | | 00 | SPI0192 | 00 | 1 | DBC | C3 | | 23A | | A03 |
| 46129 | | XA234 | 5T | | XA234 | 35 | | | | | 16B 9 | | | 01 | JK03B5U | 01 | 1 | DBC | C4 | | 22A | | |
| 46130 | | XA234 | 5T | | | | | | | | | | | 02 | JKTCCP | 01 | 1 | DBC | D5 | | 24B | | |
| 46471 | | XA234 | 50 | | XA233 | 50 | | | | | 16B 9 | | | 01 | SPA | 01 | 1 | DBC | B6 | | | | |
| 45363 | | XA234 | 51 | | XA234 | 37 | | | | | 16B 9 | | | 03 | SPA | 01 | 1 | DBC | B6 | | | | |
| 47805 | | XA234 | 52 | | | | | | | | | | | 03 | SPI0172 | 01 | 5 | DBC | C7 | | 24A | | |
| 45522 | | XA234 | 53 | | XA233 | 53 | | | | | 16B 9 | | | 07 | JXCP1B | 01 | 1 | DBC | D2 | | 25B | | |
| 44985 | | XA234 | 54 | | XA216 | 46 | | | | | 16B 9 | | | 01 | JK12B5U | 00 | 1 | DBC | D5 | | 25A | | |
| 45531 | | XA234 | 55 | | XA233 | 55 | | | | | 16B 9 | | | 09 | JXGN1A | 01 | 1 | DBC | D1 | | 26B | | |
| 44988 | | XA234 | 56 | | XA233 | 06 | | | | | 16B 9 | | | 02 | JK12B1U | 00 | 1 | DBC | D1 | | 26A | | BITS 12-13-14-15 |
| 45544 | | XA234 | 57 | | XA233 | 78 | | | | | 16B 9 | | | 06 | JXGN2A | 01 | 2 | DBC | D1 | | 27B | | |
| 44452 | | XA234 | 58 | | | | | | | | | | | 02 | JK12B2U | 00 | 1 | DBC | D2 | | 28B | | |
| 45548 | | XA234 | 59 | | XA233 | 59 | | | | | 16B 9 | | | 09 | JXGN3A | 01 | 3 | DBC | D1 | | 29B | | |
| 46131 | | XA234 | 6T | | | | | | | | | | | 01 | GND | | | | | | | | |
| 46132 | | XA234 | 6T | | | | | | | | | | | 02 | JK12B1U | 01 | 4 | DBC | D1 | | 30B | | |
| 44991 | | XA234 | 60 | | XA216 | 40 | | | | | 16B 9 | | | 01 | SPA | 01 | 1 | DBC | A7 | | | | |
| 46504 | | XA234 | 61 | | XA233 | 66 | | | | | 16B 9 | | | 01 | JK0306T | 01 | 1 | DBC | B7 | | | | |
| 44995 | | XA234 | 62 | | XA233 | 05 | | | | | 16B 9 | | | 02 | JK12B3U | 00 | 1 | DBC | D3 | | 28A | | |
| 44896 | | XA234 | 63 | | XA221 | 66 | | | | | 16B 9 | | | 26 | SPI0182 | 01 | 1 | DBC | D3 | | 31B | | |
| 44895 | | XA234 | 64 | | | | | | | | | | | 03 | JK12B4U | 00 | 1 | DBC | D4 | | 29A | | |
| 44201 | | XA234 | 65 | | | | | | | | | | | 01 | JKPE1A | 01 | 5 | DBC | D1 | | 31A | | |
| 46506 | | XA234 | 66 | | | | | | | | | | | 05 | JKPE00 | 01 | 1 | DBC | D4 | | 30A | | |
| 44453 | | XA234 | 67 | | XA235 | 79 | | | | | 16B 9 | | | 01 | DNW | 01 | | | | | | | |
| 47881 | | XA234 | 68 | | | | | | | | | | | 28 | SPI0182 | 01 | 1 | DBC | F5 | | 32B | | |
| | | | | | | | | | | | | | | 01 | GND | | | | | | | | |
| | | | | | | | | | | | | M | JXS035U | 01 | JXS035U | 00 | 1 | DBC | F5 | | 33A | | |
| CONNECTOR XA234 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA234
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 144

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FTG | PREFIX | CONNECTOR | PIN | SH FTG | MULTI GROUP | CODE | COLOR | IDENY | | | | | | | | | | | |
| 45789 | | XA234 | 69 | | XA233 | 69 | | | 16B | 9 | | | JXSK00 | 01 | JXS032U | 01 | 1 | DBC | E2 | | 32A | | |
| 46133 | | XA234 | 7T | | | | | | | | | | SPA | 01 | JK0307T | 01 | 1 | DBC | B8 | | | | |
| 46134 | | XA234 | 7T | | | | | | | | | | SPA | 01 | JXRAF7T | 01 | 1 | DBC | A8 | | | | |
| 45811 | | XA234 | 70 | | | | | | | | | | JXS031U | 04 | JXS031U | 00 | 1 | DBC | E1 | | 34A | | |
| 45424 | | XA234 | 71 | | XA216 | 55 | | | 16B | 9 | | | JXD0TA | 01 | JXS031U | 01 | 1 | DBC | E1 | | 33B | | |
| 45815 | | XA234 | 72 | | | | | | | | | | JXS032U | 04 | JXS032U | 00 | 1 | DBC | E2 | | 35A | | |
| 45427 | | XA234 | 73 | | | | | | | | | | JXD0TB | 02 | JXS031U | 01 | 2 | DBC | E1 | | 34B | | |
| 45819 | | XA234 | 74 | | | | | | | | | | JXS033U | 04 | JXS033U | 00 | 1 | DBC | E3 | | 36A | | |
| 45428 | | XA234 | 75 | | XA216 | 60 | | | 16B | 9 | | | JXD0TC | 01 | JXS031U | 01 | 3 | DBC | E1 | | 35B | | |
| 45820 | | XA234 | 76 | | XA236 | 63 | | | 16B | 9 | | | JXS034U | 01 | JXS034U | 00 | 1 | DBC | E4 | | 37A | I/O BUFFER REG BIT | |
| 45431 | | XA234 | 77 | | | | | | | | | | JXD0TD | 02 | JXS031U | 01 | 4 | DBC | E1 | | 36B | | |
| 45546 | | XA234 | 78 | | | | | | | | | | JXGN3A | 11 | JXS034U | 01 | 1 | DBC | E4 | | 38A | | |
| 45534 | | XA234 | 79 | | XA243 | 74 | | | 16B | 9 | | | JXGN2A | 09 | JXS033U | 01 | 1 | DBC | E3 | | 37B | | |
| 46135 | | XA234 | 8T | | | | | | | | | | SPA | 01 | JXRAF8T | 01 | 1 | DBC | A9 | | | | |
| 46136 | | XA234 | 8T | | | | | | | | | | SPA | 01 | JK0308T | 01 | 1 | DBC | B9 | | | | |
| 45520 | | XA234 | 80 | | XA233 | 80 | | | 16B | 9 | | | JXGN1A | 07 | JXS031U | 01 | 5 | DBC | E1 | | 38B | | |
| 46137 | | XA234 | 9T | | | | | | | | | | SPA | 01 | JK0309T | 01 | 1 | DBC | B0 | | | | |
| 46138 | | XA234 | 9T | | | | | | | | | | SPA | 01 | JXRAF9T | 01 | 1 | DBC | A0 | | | | |
| 45640 | | XA235 | 01 | | XA232 | 03 | | | 16B | 9 | | | JXRS1A | 13 | JXRS0B | 01 | 2 | TQ2 | A2 | | 02B | MASTER RESET BUS O | |
| 45687 | | XA235 | 01 | | | | | | | | | | JXRS1A | 01 | JXRS1A | 00 | 1 | TQ2 | A2 | | 02B | JXRS0B BUSS | |
| 44454 | | XA235 | 02 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01A | | |
| 45686 | | XA235 | 03 | | | | | | | | | | JXRS00 | 07 | JXRS2A | 01 | 1 | TQ2 | A3 | | 02A | | |
| 45685 | | XA235 | 04 | | XA235 | 03 | | | 16B | 9 | | | JXRS00 | 06 | JXRS1A | 01 | 1 | TQ2 | A2 | | 04A | | |
| 46493 | | XA235 | 05 | | XA235 | 07 | | | 16B | 9 | | | SPI0182 | 15 | JXRS1A | 01 | 2 | TQ2 | A2 | | 03B | | |
| 45627 | | XA235 | 06 | | | | | | | | | | JXRS0A | 01 | JXRS0A | 00 | 1 | TQ2 | A1 | | 05A | JXRS0B BUSS | |
| 45639 | | XA235 | 06 | | XA235 | 01 | | | 16B | 9 | | | JXRS0A | 12 | JXRS0B | 01 | 1 | TQ2 | A1 | | 05A | MASTER RESET BUS O | |
| 46494 | | XA235 | 07 | | XA235 | 10 | | | 16B | 9 | | | SPI0182 | 16 | JXRS2A | 01 | 2 | TQ2 | A3 | | 03A | | |
| 45684 | | XA235 | 08 | | XA235 | 04 | | | 16B | 9 | | | JXRS00 | 05 | JXRS0A | 01 | 1 | TQ2 | A1 | | 06A | | |
| 45638 | | XA235 | 09 | | XA235 | 06 | | | 16B | 9 | | | JXRS2A | 11 | JXRS0B | 01 | 3 | TQ2 | A3 | | 04B | MASTER RESET BUS O | |
| 45691 | | XA235 | 09 | | | | | | | | | | JXRS2A | 01 | JXRS2A | 00 | 1 | TQ2 | A3 | | 04B | JXRS0B BUSS | |
| 46495 | | XA235 | 10 | | XA235 | 25 | | | 16B | 9 | | | SPI0182 | 17 | JXRS0A | 01 | 2 | TQ2 | A1 | | 07A | | |
| 45562 | | XA235 | 11 | | | | | | | | | | JXINHS | 02 | JXINHR | 01 | 1 | TQ2 | A4 | | 05B | | |
| 44085 | | XA235 | 12 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 45563 | | XA235 | 13 | | XA232 | 43 | | | 16B | 9 | | | JXIN0A | 01 | JXINHR | 01 | 2 | TQ2 | A4 | | 06B | | |
| 46052 | | XA235 | 14 | | | | | | | | | | JXX04A | 03 | JXX04A | 00 | 1 | TQ2 | B2 | | 09A | | |
| 45559 | | XA235 | 15 | | XA232 | 01 | | | 16B | 9 | | | JXINHR | 06 | JXINHR | 00 | 1 | TQ2 | A4 | | 07B | | |
| 44455 | | XA235 | 16 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01B | | |
| 45507 | | XA235 | 17 | | | | | | | | | | JXENAR | 02 | JXENAS | 01 | 1 | TQ2 | B3 | | 08B | | |
| 45918 | | XA235 | 18 | | | | | | | | | | JXXB00 | 02 | JXX04A | 01 | 1 | TQ2 | B2 | | 10A | | |
| 45487 | | XA235 | 19 | | | | | | | | | | JXEAOA | 04 | JXENAS | 01 | 2 | TQ2 | B3 | | 09B | | |
| 45884 | | XA235 | 20 | | XA239 | 80 | | | 16B | 9 | | | JXXA40 | 01 | JXX04A | 01 | 2 | TQ2 | B2 | | 11A | | |
| 45510 | | XA235 | 21 | | XA237 | 14 | | | 16B | 9 | | | JXENAS | 03 | JXENAS | 00 | 1 | TQ2 | B3 | | 10B | ENABLE ADDRESS F/F | |
| 45350 | | XA235 | 22 | | XA237 | 22 | | | 16B | 9 | | | JXCMA5 | 02 | JXCMA5 | 00 | 1 | TQ2 | B1 | | 12A | COMMON ADDRESS F/F | |
| 45339 | | XA235 | 23 | | | | | | | | | | JXCA1A | 02 | JXCA10 | 01 | 1 | TQ2 | B4 | | 11B | | |
| 45348 | | XA235 | 24 | | | | | | | | | | JXCMA8 | 02 | JXCMA5 | 01 | 1 | TQ2 | B1 | | 13A | | |
| 46497 | | XA235 | 25 | | XA235 | 37 | | | 16B | 9 | | | SPI0182 | 19 | JXCA10 | 01 | 2 | TQ2 | B4 | | 12B | | |
| 45336 | | XA235 | 26 | | XA237 | 76 | | | 16B | 9 | | | JXCA0A | 01 | JXCMA5 | 01 | 2 | TQ2 | B1 | | 14A | | |
| 45343 | | XA235 | 27 | | XA232 | 38 | | | 16B | 9 | | | JXCA10 | 04 | JXCA10 | 00 | 1 | TQ2 | B4 | | 13B | | |
| CONNECTOR (XA235) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA235
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1F5 DATE 09-03-82 PAGE 145

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|-----|--------|-----------|-----|-------|-------------|------|-------|--------|----------|----------|--------|------|------------------|-------|---------------------|--------------------|--------------------|--------------------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SH PG | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 44086 | | XA235 | 28 | | | | | | | | | +5V | 01 | | | T02 | | | | | |
| 46069 | | XA235 | 29 | | XA237 | 45 | | | 16B | 9 | | JXOFERR | 01 | JXOFRS | 01 | 1 | T02 | C3 | | 14B | |
| 45449 | | XA235 | 30 | | XA237 | 30 | | | 16B | 9 | | JXDEVS | 02 | JXDEVS | 00 | 1 | T02 | C2 | | 15A | DEVICE COMMAND F/F |
| 46081 | | XA235 | 31 | | XA225 | 33 | | | 16B | 9 | | JXOROA | 01 | JXOFRS | 01 | 2 | T02 | C3 | | 15B | |
| 44456 | | XA235 | 32 | | | | | | | | | GND | 01 | | | T02 | | | | 20B | |
| 46074 | | XA235 | 33 | | XA237 | 43 | | | 16B | 9 | | JXOFRS | 04 | JXOFRS | 00 | 1 | T02 | C3 | | 16B | OFER COMMAND F/E |
| 45447 | | XA235 | 34 | | | | | | | | | JXDEVR | 02 | JXDEVS | 01 | 1 | T02 | C2 | | 16A | |
| 46365 | | XA235 | 35 | | XA234 | 45 | | | 16B | 9 | | SPI0142 | 04 | JXGN2A | 01 | 1 | T02 | C4 | | 17B | |
| 45468 | | XA235 | 36 | | XA225 | 35 | | | 16B | 9 | | JXDVOA | 01 | JXDEVS | 01 | 2 | T02 | C2 | | 17A | |
| 46498 | | XA235 | 37 | | XA234 | 39 | | | 16B | 9 | | SPI0182 | 20 | JXGN2A | 01 | 2 | T02 | C4 | | 18B | |
| 45466 | | XA235 | 38 | | XA237 | 37 | | | 16B | 9 | | JXDVSS | 03 | JXDVSS | 00 | 1 | T02 | C1 | | 18A | DEVICE COMMAND F/F |
| 45530 | | XA235 | 39 | | XA234 | 55 | | | 16B | 9 | | JXGN2A | 05 | JXGN2A | 00 | 1 | T02 | C4 | | 19B | |
| 45463 | | XA235 | 40 | | | | | | | | | JXDVSR | 02 | JXDVSS | 01 | 1 | T02 | C1 | | 19A | |
| 45923 | | XA235 | 41 | | XA230 | 24 | | | 16B | 9 | | JXXB1Q | 01 | JXXB2A | 01 | 1 | T02 | D3 | | 22B | |
| 45482 | | XA235 | 42 | | XA232 | 15 | | | 16B | 9 | | JXDV5A | 01 | JXDVSS | 01 | 2 | T02 | C1 | | 20A | |
| 45936 | | XA235 | 43 | | XA230 | 23 | | | 16B | 9 | | JXXB2P | 03 | JXXB2A | 01 | 2 | T02 | D3 | | 23B | |
| 44457 | | XA235 | 44 | | | | | | | | | GND | 01 | | | T02 | | | | 21B | |
| 45932 | | XA235 | 45 | | XA239 | 65 | | | 16B | 9 | | JXXB2A | 03 | JXXB2A | 00 | 1 | T02 | D3 | | 24B | |
| 45919 | | XA235 | 46 | | XA239 | 71 | | | 16B | 9 | | JXXB1A | 01 | JXXB1A | 00 | 1 | T02 | D2 | | 21A | |
| 45914 | | XA235 | 47 | | XA229 | 24 | | | 16B | 9 | | JXXB0Q | 02 | JXXB3A | 01 | 1 | T02 | D4 | | 25B | |
| 45913 | | XA235 | 48 | | XA235 | 47 | | | 16B | 9 | | JXXB0Q | 01 | JXXB1A | 01 | 1 | T02 | D2 | | 22A | |
| 45939 | | XA235 | 49 | | XA230 | 25 | | | 16B | 9 | | JXXB2Q | 01 | JXXB3A | 01 | 2 | T02 | D4 | | 26B | |
| 45922 | | XA235 | 50 | | | | | | | | | JXXB1P | 02 | JXXB1A | 01 | 2 | T02 | D2 | | 23A | |
| 45949 | | XA235 | 51 | | | | | | | | | JXXB3A | 04 | JXXB3A | 00 | 1 | T02 | D4 | | 27B | I/O BYTE COUNTER |
| 45906 | | XA235 | 52 | | XA237 | 46 | | | 16B | 9 | | JXXB0A | 02 | JXXB0A | 00 | 1 | T02 | D1 | | 24A | |
| 45864 | | XA235 | 53 | | | | | | | | | JXXA1P | 02 | JXXA6A | 01 | 1 | T02 | E3 | | 28B | |
| 45911 | | XA235 | 54 | | XA228 | 09 | | | 16B | 9 | | JXXB0P | 02 | JXXB0A | 01 | 1 | T02 | D1 | | 25A | |
| 45873 | | XA235 | 55 | | XA230 | 05 | | | 16B | 9 | | JXXA2Q | 01 | JXXA6A | 01 | 2 | T02 | E3 | | 29B | |
| 45935 | | XA235 | 56 | | XA235 | 43 | | | 16B | 9 | | JXXB2P | 02 | JXXB0A | 01 | 2 | T02 | D1 | | 26A | |
| 45893 | | XA235 | 57 | | XA227 | 08 | | | 16B | 9 | | JXXA6A | 01 | JXXA6A | 00 | 1 | T02 | E3 | | 30B | I/O STATE COUNTER |
| 44458 | | XA235 | 58 | | | | | | | | | GND | 01 | | | T02 | | | | 27A | |
| 46084 | | XA235 | 59 | | | | | | | | | JXIMAP | 02 | JXCPIA | 01 | 1 | T02 | E4 | | 31B | |
| 45887 | | XA235 | 60 | | | | | | | | | JXXA5A | 02 | JXXA5A | 00 | 1 | T02 | E2 | | 28A | |
| 46091 | | XA235 | 61 | | XA229 | 31 | | | 16B | 9 | | JXIMBQ | 01 | JXCPIA | 01 | 2 | T02 | E4 | | 32B | |
| 45858 | | XA235 | 62 | | XA237 | 73 | | | 16B | 9 | | JXXA0P | 06 | JXXA5A | 01 | 1 | T02 | E2 | | 29A | |
| 45356 | | XA235 | 63 | | | | | | | | | JXCPIA | 04 | JXCPIA | 00 | 1 | T02 | E4 | | 33B | PHASE 1 OF 2 PHASE |
| 45866 | | XA235 | 64 | | XA231 | 36 | | | 16B | 9 | | JXXA1Q | 02 | JXXA5A | 01 | 2 | T02 | E2 | | 30A | |
| 45852 | | XA235 | 65 | | | | | | | | | JXXADQ | 02 | JXXADA | 01 | 1 | T02 | E3 | | 34B | |
| 45883 | | XA235 | 66 | | | | | | | | | JXXA4A | 02 | JXXA4A | 00 | 1 | T02 | E1 | | 31A | |
| 44459 | | XA235 | 67 | | | | | | | | | GND | 01 | | | T02 | | | | 40A | |
| 65046 | | XA235 | 67 | | | | | | | | | JNCRJA1R | 02 | | | T02 | | | | 40A | |
| 45862 | | XA235 | 68 | | | | | | | | | JXXA0Q | 03 | JXXA4A | 01 | 1 | T02 | E1 | | 32A | |
| 45850 | | XA235 | 69 | | | | | | | | | JXXADA | 02 | JXXADA | 00 | 1 | T02 | F3 | | 35A | START I/O STATE CO |
| 45881 | | XA235 | 70 | | | | | | | | | JXXA3Q | 03 | JXXA4A | 01 | 2 | T02 | E1 | | 33A | |
| 44974 | | XA235 | 71 | | | | | | | | | JK08C0 | 06 | JKPE0A | 01 | 1 | T02 | F2 | | 36A | |
| 44888 | | XA235 | 72 | | XA233 | 63 | | | 16B | 9 | | JKPE0A | 01 | JKPE0A | 00 | 1 | T02 | F2 | | 34A | DIVIDE BY 13 PARAL |
| 44944 | | XA235 | 73 | | XA233 | 64 | | | 16B | 9 | | JK04B5U | 01 | JKPE0A | 01 | 2 | T02 | F2 | | 36B | |
| 46508 | | XA235 | 74 | | XA238 | 79 | | | 16B | 9 | | SPI0182 | 30 | JXXADA | 01 | 2 | T02 | E3 | | 35B | A03 |
| 45707 | | XA235 | 75 | | XA237 | 79 | | | 16B | 9 | | JXROPA | 05 | JXROPA | 00 | 1 | T02 | F1 | | 37B | I/O INPUT REG PARI |
| 46509 | | XA235 | 76 | | XA347 | 24 | | | 16B | 9 | | JK009A1 | 00 | JK009Q | 01 | 1 | T02 | F4 | | 37A | A03 |

CONNECTOR XA235 CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA235
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 146

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH IFC | PREFIX | CONNECTOR | PIN | SH IFC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 45709 | | XA235 | 77 | | | | | | | | | | JXR0PPR | 01 | JXR0PA | 01 | 1 | T02 | F1 | | 38B | | |
| 46394 | | XA235 | 78 | | XA232 | 35 | | | | 16B | 9 | | JK00BQ | 03 | JK0090 | 01 | 2 | T02 | F4 | | 38A | A03 | |
| 46507 | | XA235 | 79 | | XA235 | 74 | | | | 16B | 9 | | SPI0182 | 29 | JXR0PA | 01 | 2 | TQ2 | F1 | | 39B | | |
| 47779 | | XA235 | 80 | | XA228 | 48 | | | | 16B | 9 | | JK0090 | 01 | JK0090 | 00 | 1 | TQ2 | F4 | | 39A | A03 | |
| 33202 | | XA236 | 01 | | | | | | | | | | DNW | 01 | | | | PAR | | | 02B | | |
| 33460 | | XA236 | 02 | | | | | | | | | | GND | 01 | | | | PAR | | | 01A | | |
| 35492 | | XA236 | 03 | | XA135 | 05 | | | | 16B | 9 | | SPI0181 | 14 | | 01 | 1 | PAR | A1 | | 03B | | |
| 35307 | | XA236 | 04 | | XA236 | 19 | | | | 16B | 9 | | SPI0081 | 06 | | 01 | 8 | PAR | A1 | | 02A | | |
| 35267 | | XA236 | 05 | | XA236 | 17 | | | | 16B | 9 | | SPI0051 | 04 | | 01 | 2 | PAR | A1 | | 04B | | |
| 35316 | | XA236 | 06 | | XA116 | 10 | | | | 16B | 9 | | SPI0091 | 05 | | 01 | 7 | PAR | A1 | | 03A | | |
| 35363 | | XA236 | 07 | | XA236 | 24 | | | | 16B | 9 | | SPI0141 | 02 | | 01 | 3 | PAR | A1 | | 05B | | |
| 35469 | | XA236 | 08 | | XA236 | 20 | | | | 16B | 9 | | SPI0171 | 01 | | 01 | 6 | PAR | A1 | | 04A | | |
| 35296 | | XA236 | 09 | | XA116 | 03 | | | | 16B | 9 | | SPI0071 | 06 | | 01 | 4 | PAR | A1 | | 06B | | |
| 35284 | | XA236 | 10 | | XA116 | 05 | | | | 16B | 9 | | SPI0061 | 06 | | 01 | 5 | PAR | A1 | | 05A | | |
| 35239 | | XA236 | 11 | | XA236 | 18 | | | | 16B | 9 | | SPI0041 | 01 | | 02 | 1 | PAR | A1 | | 07B | | |
| 33087 | | XA236 | 12 | | | | | | | | | | +5V | 01 | | | | PAR | | | 08A | | |
| 36780 | | XA236 | 13 | | | | | | | | | | SPO | 01 | | 00 | 1 | PAR | A1 | | 07A | | |
| 33203 | | XA236 | 14 | | | | | | | | | | DNW | 01 | | | | PAR | | | 06A | | |
| 33204 | | XA236 | 15 | | | | | | | | | | DNW | 01 | | | | PAR | | | 08B | | |
| 33461 | | XA236 | 16 | | | | | | | | | | GND | 01 | | | | PAR | | | 01B | | |
| 35268 | | XA236 | 17 | | XA134 | 41 | | | | 16B | 9 | | SPI0051 | 05 | | 01 | 1 | PAR | B1 | | 09B | | |
| 35240 | | XA236 | 18 | | XA144 | 48 | | | | 16B | 9 | | SPI0041 | 02 | | 01 | 8 | PAR | B1 | | 09A | | |
| 35308 | | XA236 | 19 | | XA144 | 62 | | | | 16B | 9 | | SPI0081 | 07 | | 01 | 2 | PAR | B1 | | 10B | | |
| 35470 | | XA236 | 20 | | XA134 | 50 | | | | 16B | 9 | | SPI0171 | 02 | | 01 | 7 | PAR | B1 | | 10A | | |
| 35496 | | XA236 | 21 | | XA135 | 25 | | | | 16B | 9 | | SPI0181 | 18 | | 01 | 3 | PAR | B1 | | 11B | | |
| 35283 | | XA236 | 22 | | XA236 | 10 | | | | 16B | 9 | | SPI0061 | 05 | | 01 | 6 | PAR | B1 | | 11A | | |
| 35315 | | XA236 | 23 | | XA236 | 06 | | | | 16B | 9 | | SPI0091 | 04 | | 01 | 4 | PAR | B1 | | 12B | | |
| 35364 | | XA236 | 24 | | XA135 | 35 | | | | 16B | 9 | | SPI0141 | 03 | | 01 | 5 | PAR | B1 | | 12A | | |
| 36781 | | XA236 | 25 | | | | | | | | | | SPO | 01 | | 00 | 1 | PAR | B1 | | 14A | | |
| 33205 | | XA236 | 26 | | | | | | | | | | DNW | 01 | | | | PAR | | | 13A | | |
| 35295 | | XA236 | 27 | | XA236 | 09 | | | | 16B | 9 | | SPI0071 | 05 | | 02 | 1 | PAR | B1 | | 13B | | |
| 33088 | | XA236 | 28 | | | | | | | | | | +5V | 01 | | | | PAR | | | 08A | | |
| 33206 | | XA236 | 29 | | | | | | | | | | DNW | 01 | | | | PAR | | | 14B | | |
| 34837 | | XA236 | 30 | | XA142 | 34 | | | | 16B | 9 | | KXS474U | 02 | KXDSBPR | 01 | 8 | PAR | C1 | | 15A | | |
| 34810 | | XA236 | 31 | | XA134 | 70 | | | | 16B | 9 | | KXS031U | 03 | KXDSBPR | 01 | 1 | PAR | C1 | | 15B | | |
| 33462 | | XA236 | 32 | | | | | | | | | | GND | 01 | | | | PAR | | | 20B | | |
| 34814 | | XA236 | 33 | | XA134 | 72 | | | | 16B | 9 | | KXS032U | 03 | KXDSBPR | 01 | 2 | PAR | C1 | | 16B | | |
| 34834 | | XA236 | 34 | | XA133 | 74 | | | | 16B | 9 | | KXS473U | 03 | KXDSBPR | 01 | 7 | PAR | C1 | | 16A | | |
| 34818 | | XA236 | 35 | | XA134 | 74 | | | | 16B | 9 | | KXS033U | 03 | KXDSBPR | 01 | 3 | PAR | C1 | | 17B | | |
| 34829 | | XA236 | 36 | | XA142 | 33 | | | | 16B | 9 | | KXS472U | 02 | KXDSBPR | 01 | 6 | PAR | C1 | | 17A | | |
| 34821 | | XA236 | 37 | | XA142 | 04 | | | | 16B | 9 | | KXS034U | 02 | KXDSBPR | 01 | 4 | PAR | C1 | | 18B | | |
| 34826 | | XA236 | 38 | | XA133 | 70 | | | | 16B | 9 | | KXS471U | 03 | KXDSBPR | 01 | 5 | PAR | C1 | | 18A | | |
| 34955 | | XA236 | 39 | | XA129 | 49 | | | | 16B | 9 | | KXXCIO | 01 | KXDSBPR | 02 | 1 | PAR | C1 | | 19B | | |
| 33207 | | XA236 | 40 | | | | | | | | | | DNW | 01 | | | | PAR | | | 19A | | |
| 33208 | | XA236 | 41 | | | | | | | | | | DNW | 01 | | | | PAR | | | 22B | | |
| 34458 | | XA236 | 42 | | | | | | | | | | KXDSBPR | 03 | KXDSBPR | 00 | 1 | PAR | C1 | | 20A | | |
| 34700 | | XA236 | 43 | | XA131 | 08 | | | | 16B | 9 | | KXR0CS | 03 | KXR0PPR | 01 | 1 | PAR | D1 | | 23B | | |
| 33463 | | XA236 | 44 | | | | | | | | | | GND | 01 | | | | PAR | | | 27A | | |
| CONNECTOR XA236 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA236
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 147

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FT | PREFIX | CONNECTOR | PIN | SH FT | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 34731 | | XA236 | 45 | | | XA130 | 71 | | | 16B | 9 | | KXR1CS | 03 | KXR0PPR | 01 | 2 | PAR | D1 | | 24B | | |
| 34783 | | XA236 | 46 | | | XA138 | 59 | | | 16B | 9 | | KXR7CS | 03 | KXR0PPR | 01 | 8 | PAR | D1 | | 21A | | |
| 34738 | | XA236 | 47 | | | XA138 | 41 | | | 16B | 9 | | KXR2CS | 02 | KXR0PPR | 01 | 3 | PAR | D1 | | 25B | | |
| 34774 | | XA236 | 48 | | | XA138 | 53 | | | 16B | 9 | | KXR6CS | 03 | KXR0PPR | 01 | 7 | PAR | D1 | | 22A | | |
| 34746 | | XA236 | 49 | | | XA127 | 40 | | | 16B | 9 | | KXR3CS | 03 | KXR0PPR | 01 | 4 | PAR | D1 | | 26B | | |
| 34765 | | XA236 | 50 | | | XA139 | 60 | | | 16B | 9 | | KXR5CS | 03 | KXR0PPR | 01 | 6 | PAR | D1 | | 23A | | |
| 34610 | | XA236 | 51 | | | XA130 | 62 | | | 16B | 9 | | KXRPCS | 03 | KXR0PPR | 02 | 1 | PAR | D1 | | 27B | | |
| 34755 | | XA236 | 52 | | | XA139 | 66 | | | 16B | 9 | | KXR4CS | 03 | KXR0PPR | 01 | 5 | PAR | D1 | | 24A | | |
| 33209 | | XA236 | 53 | | | | | | | | | | DNW | 01 | | | | PAR | | | 28B | | |
| 33210 | | XA236 | 54 | | | | | | | | | | DNW | 01 | | | | PAR | | | 25A | | |
| 35480 | | XA236 | 55 | | | XA234 | 70 | | | 16B | 9 | | JXS031U | 03 | JXDSBPR | 01 | 1 | PAR | E1 | | 29B | | |
| 34710 | | XA236 | 56 | | | XA132 | 35 | | | 16B | 9 | | KXR0PPR | 02 | KXR0PPR | 00 | 1 | PAR | D1 | | 26A | | |
| 35244 | | XA236 | 57 | | | XA242 | 34 | | | 16B | 9 | | JXS474U | 02 | JXDSBPR | 01 | 8 | PAR | E1 | | 28A | | |
| 33464 | | XA236 | 58 | | | | | | | | | | GND | 01 | | | | PAR | | | 40A | | |
| 35314 | | XA236 | 59 | | | XA234 | 72 | | | 16B | 9 | | JXS032U | 03 | JXDSBPR | 01 | 2 | PAR | E1 | | 30B | | |
| 35282 | | XA236 | 60 | | | XA233 | 74 | | | 16B | 9 | | JXS473U | 03 | JXDSBPR | 01 | 7 | PAR | E1 | | 29A | | |
| 35294 | | XA236 | 61 | | | XA234 | 74 | | | 16B | 9 | | JXS033U | 03 | JXDSBPR | 01 | 3 | PAR | E1 | | 31B | | |
| 35266 | | XA236 | 62 | | | XA242 | 33 | | | 16B | 9 | | JXS472U | 02 | JXDSBPR | 01 | 6 | PAR | E1 | | 30A | | |
| 35310 | | XA236 | 63 | | | XA242 | 04 | | | 16B | 9 | | JXS034U | 02 | JXDSBPR | 01 | 4 | PAR | E1 | | 32B | | |
| 35477 | | XA236 | 64 | | | XA233 | 70 | | | 16B | 9 | | JXS471U | 03 | JXDSBPR | 01 | 5 | PAR | E1 | | 31A | | |
| 35396 | | XA236 | 65 | | | XA229 | 49 | | | 16B | 9 | | JXXCIQ | 00 | JXDSBPR | 02 | 1 | PAR | E1 | | 33B | | |
| 33211 | | XA236 | 66 | | | | | | | | | | DNW | 01 | | | | PAR | | | 32A | | |
| 33465 | | XA236 | 67 | | | | | | | | | | GND | 01 | | | | PAR | | | 40B | | |
| 36782 | | XA236 | 68 | | | | | | | | | | JXDSBPR | 03 | JXDSBPR | 00 | 1 | PAR | E1 | | 33A | | |
| 33212 | | XA236 | 69 | | | | | | | | | | DNW | 01 | | | | PAR | | | 34B | | |
| 35265 | | XA236 | 70 | | | XA237 | 75 | | | 16B | 9 | | JXR7CS | 03 | JXR0PPR | 01 | 8 | PAR | F1 | | 34A | A03 | |
| 35293 | | XA236 | 71 | | | XA231 | 08 | | | 16B | 9 | | JXR0CS | 03 | JXR0PPR | 01 | 1 | PAR | F1 | | 35B | | |
| 35281 | | XA236 | 72 | | | XA238 | 53 | | | 16B | 9 | | JXR6CS | 03 | JXR0PPR | 01 | 7 | PAR | F1 | | 35A | | |
| 35243 | | XA236 | 73 | | | XA230 | 71 | | | 16B | 9 | | JXR1CS | 03 | JXR0PPR | 01 | 2 | PAR | F1 | | 36B | | |
| 35476 | | XA236 | 74 | | | XA239 | 60 | | | 16B | 9 | | JXR5CS | 03 | JXR0PPR | 01 | 6 | PAR | F1 | | 36A | | |
| 35395 | | XA236 | 75 | | | XA238 | 41 | | | 16B | 9 | | JXR2CS | 02 | JXR0PPR | 01 | 3 | PAR | F1 | | 37B | | |
| 35510 | | XA236 | 76 | | | XA239 | 66 | | | 16B | 9 | | JXR4CS | 03 | JXR0PPR | 01 | 5 | PAR | F1 | | 37A | | |
| 35309 | | XA236 | 77 | | | XA227 | 40 | | | 16B | 9 | | JXR3CS | 03 | JXR0PPR | 01 | 4 | PAR | F1 | | 38B | | |
| 33213 | | XA236 | 78 | | | | | | | | | | DNW | 01 | | | | PAR | | | 38A | | |
| 35313 | | XA236 | 79 | | | XA230 | 62 | | | 16B | 9 | | JXRPCS | 03 | JXR0PPR | 02 | 1 | PAR | F1 | | 39B | | |
| 36783 | | XA236 | 80 | | | XA235 | 77 | | | 16B | 9 | | JXR0PPR | 00 | JXR0PPR | 00 | 1 | PAR | F1 | | 39A | | |
| 45300 | | XA237 | 01 | | | XA238 | 04 | | | 16B | 9 | | JXBSLOX | 02 | JXB0EA | 01 | 1 | TD4 | A2 | | 02B | | |
| 44466 | | XA237 | 02 | | | | | | | | | | GND | 01 | | | | TD4 | | | 01A | | |
| 44214 | | XA237 | 03 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 45557 | | XA237 | 04 | | | XA237 | 08 | | | 16B | 9 | | JXINHR | 04 | JXB0EA | 01 | 2 | TD4 | A2 | | 04A | | |
| 44114 | | XA237 | 05 | | | XA237 | 10 | | | 16B | 9 | | DEVINH | 07 | JXB0EA | 01 | 3 | TD4 | A2 | | 03B | | |
| 45198 | | XA237 | 06 | | | XA232 | 26 | | | 16B | 9 | | JXASLOX | 06 | JXA0EA | 01 | 1 | TD4 | A1 | | 05A | | |
| 45969 | | XA237 | 07 | | | XA237 | 13 | | | 16B | 9 | | JXXCS0 | 01 | JXB0EA | 01 | 4 | TD4 | A2 | | 03A | | |
| 45558 | | XA237 | 08 | | | XA235 | 15 | | | 16B | 9 | | JXINHR | 05 | JXA0EA | 01 | 2 | TD4 | A1 | | 06A | | |
| 45314 | | XA237 | 09 | | | | | | | | | | JXB0EA | 04 | JXB0EA | 00 | 1 | TD4 | A2 | | 04B | PORT B DATA SEND | |
| 44115 | | XA237 | 10 | | | XA237 | 62 | | | 16B | 9 | | DEVINH | 08 | JXA0EA | 01 | 3 | TD4 | A1 | | 07A | | |
| 45212 | | XA237 | 11 | | | | | | | | | | JXA0EA | 04 | JXA0EA | 00 | 1 | TD4 | A1 | | 05B | PORT A DATA SEND | |
| 44089 | | XA237 | 12 | | | | | | | | | | +5V | 01 | | | | TD4 | | | | | |
| CONNECTOR XA237 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA237
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 148

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GRP | LOAD OR POWER PLANE | TEST POINTS AND DR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|---------------------------------|------|--------|-----------|-----|------|-------------|------|-------|---------|--------|----------|------|------|------------------|-----|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH C | PREFIX | CONNECTOR | PIN | SH C | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 45970 | | XA237 | 13 | | | | | | | | | JXXCS0 | 02 | JXA0EA | 01 | 4 | TD4 | A1 | | 06B | | |
| 45511 | | XA237 | 14 | | XA219 | 80 | | | | 16B | 9 | JXENAS | 04 | JXENAR | 01 | 1 | TD4 | B2 | | 09A | | |
| 44215 | | XA237 | 15 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 44467 | | XA237 | 16 | | | | | | | | | GND | 01 | | | | TD4 | | | 20B | | |
| 44216 | | XA237 | 17 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 46051 | | XA237 | 18 | | XA235 | 14 | | | | 16B | 9 | JXX04A | 02 | JXENAR | 01 | 2 | TD4 | B2 | | 10A | | |
| 45930 | | XA237 | 19 | | XA237 | 25 | | | | 16B | 9 | JXXB2A | 01 | JXENAR | 01 | 3 | TD4 | B2 | | 09B | | |
| 45637 | | XA237 | 20 | | XA235 | 09 | | | | 16B | 9 | JXRS0B | 10 | JXENAR | 01 | 4 | TD4 | B2 | | 11A | | |
| 45506 | | XA237 | 21 | | XA235 | 17 | | | | 16B | 9 | JXENAR | 01 | JXENAR | 00 | 1 | TD4 | B2 | | 10B | | |
| 45351 | | XA237 | 22 | | | | | | | | | JXCMA5 | 03 | JXCMA5 | 01 | 1 | TD4 | B1 | | 12A | | |
| 45347 | | XA237 | 23 | | XA235 | 24 | | | | 16B | 9 | JXCMA5 | 01 | JXCMA5 | 00 | 1 | TD4 | B1 | | 11B | | |
| 46050 | | XA237 | 24 | | XA237 | 18 | | | | 16B | 9 | JXX04A | 01 | JXCMA5 | 01 | 2 | TD4 | B1 | | 13A | | |
| 45931 | | XA237 | 25 | | XA235 | 45 | | | | 16B | 9 | JXXB2A | 02 | JXCMA5 | 01 | 3 | TD4 | B1 | | 12B | | |
| 45636 | | XA237 | 26 | | XA237 | 20 | | | | 16B | 9 | JXRS0B | 09 | JXCMA5 | 01 | 4 | TD4 | B1 | | 14A | | |
| 44217 | | XA237 | 27 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 44090 | | XA237 | 28 | | | | | | | | | +5V | 01 | | | | TD4 | | | | | |
| 44218 | | XA237 | 29 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 45450 | | XA237 | 30 | | | | | | | | | JXDEVS | 03 | JXDEVR | 01 | 1 | TD4 | C2 | | 15A | | |
| 45909 | | XA237 | 31 | | | | | | | | | JXXB0A | 05 | JXDEVR | 01 | 2 | TD4 | C2 | | 15B | | |
| 44468 | | XA237 | 32 | | | | | | | | | GND | 01 | | | | TD4 | | | 21B | | |
| 45446 | | XA237 | 33 | | XA235 | 34 | | | | 16B | 9 | JXDEVR | 01 | JXDEVR | 00 | 1 | TD4 | C2 | | 16B | | |
| 45946 | | XA237 | 34 | | XA237 | 40 | | | | 16B | 9 | JXXB3A | 01 | JXDEVR | 01 | 3 | TD4 | C2 | | 16A | | |
| 45462 | | XA237 | 35 | | XA235 | 40 | | | | 16B | 9 | JXDVSR | 01 | JXDVSR | 00 | 1 | TD4 | C1 | | 17B | | |
| 45635 | | XA237 | 36 | | XA237 | 26 | | | | 16B | 9 | JXRS0B | 08 | JXDEVR | 01 | 4 | TD4 | C2 | | 17A | | |
| 45467 | | XA237 | 37 | | | | | | | | | JXDVSS | 04 | JXDVSR | 01 | 1 | TD4 | C1 | | 18B | | |
| 45908 | | XA237 | 38 | | XA237 | 31 | | | | 16B | 9 | JXXB0A | 04 | JXDVSR | 01 | 2 | TD4 | C1 | | 18A | | |
| 44219 | | XA237 | 39 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 45947 | | XA237 | 40 | | XA237 | 48 | | | | 16B | 9 | JXXB3A | 02 | JXDVSR | 01 | 3 | TD4 | C1 | | 19A | | |
| 44220 | | XA237 | 41 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 45634 | | XA237 | 42 | | XA237 | 36 | | | | 16B | 9 | JXRS0B | 07 | JXDVSR | 01 | 4 | TD4 | C1 | | 20A | | |
| 46075 | | XA237 | 43 | | | | | | | | | JXOFRS | 05 | JXOFRR | 01 | 1 | TD4 | D2 | | 23B | | |
| 44469 | | XA237 | 44 | | | | | | | | | GND | 01 | | | | TD4 | | | 27A | | |
| 46070 | | XA237 | 45 | | | | | | | | | JXOFRR | 02 | JXOFRR | 00 | 1 | TD4 | D2 | | 24B | | |
| 45907 | | XA237 | 46 | | XA237 | 38 | | | | 16B | 9 | JXXB0A | 03 | JXOFRR | 01 | 2 | TD4 | D2 | | 21A | | |
| 45851 | | XA237 | 47 | | XA235 | 65 | | | | 16B | 9 | JXXADO | 01 | JXXADO | 00 | 1 | TD4 | D1 | | 25B | | |
| 45948 | | XA237 | 48 | | XA235 | 51 | | | | 16B | 9 | JXXB3A | 03 | JXOFRR | 01 | 3 | TD4 | D2 | | 22A | | |
| 45591 | | XA237 | 49 | | XA238 | 38 | | | | 16B | 9 | JXRMR | 02 | JXXADO | 01 | 1 | TD4 | D1 | | 26B | | |
| 45633 | | XA237 | 50 | | XA237 | 42 | | | | 16B | 9 | JXRS0B | 06 | JXOFRR | 01 | 4 | TD4 | D2 | | 23A | | |
| 44221 | | XA237 | 51 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 45599 | | XA237 | 52 | | XA238 | 30 | | | | 16B | 9 | JXRENR | 02 | JXXADO | 01 | 2 | TD4 | D1 | | 24A | | |
| 44222 | | XA237 | 53 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 45605 | | XA237 | 54 | | XA238 | 33 | | | | 16B | 9 | JXRPCR | 01 | JXXADO | 01 | 3 | TD4 | D1 | | 25A | | |
| 45303 | | XA237 | 55 | | XA242 | 75 | | | | 16B | 9 | JXBSLOX | 05 | JXBRQA | 01 | 1 | TD4 | E2 | | 29B | | |
| 45841 | | XA237 | 56 | | | | | | | | | JXXACA | 02 | JXXADO | 01 | 4 | TD4 | D1 | | 26A | | |
| 45290 | | XA237 | 57 | | | | | | | | | JXBRQA | 02 | JXBRQA | 00 | 1 | TD4 | E2 | | 30B | | |
| 44470 | | XA237 | 58 | | | | | | | | | GND | 01 | | | | TD4 | | | 40A | | |
| 45184 | | XA237 | 59 | | | | | | | | | JXARQA | 02 | JXARQA | 00 | 1 | TD4 | E1 | | 31B | | |
| 45556 | | XA237 | 60 | | XA237 | 04 | | | | 16B | 9 | JXINHR | 03 | JXBRQA | 01 | 2 | TD4 | E2 | | 28A | | |
| 45195 | | XA237 | 61 | | XA238 | 24 | | | | 16B | 9 | JXASLOX | 03 | JXARQA | 01 | 1 | TD4 | E1 | | 32B | | |
| 44116 | | XA237 | 62 | | XA237 | 68 | | | | 16B | 9 | DEVINH | 09 | JXBRQA | 01 | 3 | TD4 | E2 | | 29A | | |
| CONNECTOR | | XA237 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA237
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC FILE IDENT T39CFC5 DATE 09-03-82 PAGE 149

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|--------|-------------|------|-------|--------|----------|----------|--------|--------|------------------|-------|---------------------|--------------------|---------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SH. FC | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 44223 | | XA237 | 63 | | | | | | | | | DNW | 01 | | | TD4 | | | | | |
| 46043 | | XA237 | 64 | XA237 | 70 | | | 16B | 9 | | | JXXR00 | 03 | JXBRQA | 01 | 4 | E2 | | 30A | | |
| 44224 | | XA237 | 65 | | | | | | | | | DNW | 01 | | | TD4 | | | | | |
| 45555 | | XA237 | 66 | XA237 | 60 | | | 16B | 9 | | | JXINHR | 02 | JXARQA | 01 | 2 | F1 | | 31A | | |
| 44471 | | XA237 | 67 | | | | | | | | | GND | 01 | | | TD4 | | | 40B | | |
| 44117 | | XA237 | 68 | XA203 | 18 | | | 16B | 9 | | | DEVINH | 10 | JXARQA | 01 | 3 | F1 | | 32A | | |
| 46054 | | XA237 | 69 | | | | | | | | | JXX05A | 02 | JXX05A | 00 | 1 | F2 | | 35A | I/O STATE IS 511/O | |
| 46044 | | XA237 | 70 | | | | | | | | | JXXR00 | 04 | JXARQA | 01 | 4 | F1 | | 33A | | |
| 45910 | | XA237 | 71 | XA235 | 54 | | | 16B | 9 | | | JXXBOP | 01 | JXX05A | 01 | 1 | F2 | | 36A | | |
| 45934 | | XA237 | 72 | XA235 | 56 | | | 16B | 9 | | | JXXB2P | 01 | JXX05A | 01 | 2 | F2 | | 34A | | |
| 45859 | | XA237 | 73 | | | | | | | | | JXXAOP | 07 | JXX05A | 01 | 3 | F2 | | 36B | | |
| 45865 | | XA237 | 74 | XA235 | 64 | | | 16B | 9 | | | JXXAIQ | 01 | JXX05A | 01 | 4 | F2 | | 35B | | |
| 45758 | | XA237 | 75 | XA238 | 59 | | | 16B | 9 | | | JXR7CS | 033 | JXCA0A | 01 | 1 | F1 | | 37B | SET COMMAND ADDRESS | A03 |
| 45337 | | XA237 | 76 | | | | | | | | | JXCA0A | 02 | JXCA0A | 00 | 1 | F1 | | 37A | | |
| 45594 | | XA237 | 77 | XA239 | 38 | | | 16B | 9 | | | JXRCS | 01 | JXCA0A | 01 | 2 | F1 | | 38B | | |
| 46057 | | XA237 | 78 | | | | | | | | | JXX050 | 03 | JXCA0A | 01 | 3 | F1 | | 38A | | |
| 45708 | | XA237 | 79 | | | | | | | | | JXROPA | 06 | JXCA0A | 01 | 4 | F1 | | 39B | | |
| 44225 | | XA237 | 80 | | | | | | | | | DNW | 01 | | | TD4 | | | | | |
| 45270 | | XA238 | 01 | XA239 | 11 | | | 16B | 9 | | | JXBIEA | 01 | JXBIEA | 00 | 1 | A2 | | 02B | | |
| 44472 | | XA238 | 02 | | | | | | | | | GND | 01 | | | TQ2 | | | 01A | | |
| 46491 | | XA238 | 03 | XA235 | 05 | | | 16B | 9 | | | SPIO182 | 13 | JXGNIA | 01 | 1 | A3 | | 02A | | |
| 45301 | | XA238 | 04 | XA238 | 18 | | | 16B | 9 | | | JXBLOX | 03 | JXBIEA | 01 | 1 | A2 | | 04A | | |
| 46017 | | XA238 | 05 | XA238 | 10 | | | 16B | 9 | | | JXXDRA | 02 | JXBIEA | 01 | 2 | A2 | | 03B | | |
| 45162 | | XA238 | 06 | | | | | | | | | JXAIEA | 03 | JXAIEA | 00 | 1 | A1 | | 05A | | |
| 46362 | | XA238 | 07 | XA235 | 35 | | | 16B | 9 | | | SPIO142 | 01 | JXGNIA | 01 | 2 | A3 | | 03A | | |
| 45197 | | XA238 | 08 | XA237 | 06 | | | 16B | 9 | | | JXASLOX | 05 | JXAIEA | 01 | 1 | A1 | | 06A | | |
| 45514 | | XA238 | 09 | XA242 | 51 | | | 16B | 9 | | | JXGNIA | 01 | JXGNIA | 00 | 1 | A3 | | 04B | SOFT GROUND | |
| 46018 | | XA238 | 10 | | | | | | | | | JXXDRA | 03 | JXAIEA | 01 | 2 | A1 | | 07A | | |
| 45580 | | XA238 | 11 | XA242 | 76 | | | 16B | 9 | | | JXPRSOX | 01 | JXPRSA | 01 | 1 | A4 | | 05B | | |
| 44091 | | XA238 | 12 | | | | | | | | | +5V | 01 | | | TQ2 | | | | | |
| 46487 | | XA238 | 13 | XA239 | 10 | | | 16B | 9 | | | SPIO182 | 09 | JXPRSA | 01 | 2 | A4 | | 06B | | |
| 45296 | | XA238 | 14 | | | | | | | | | JXBLSA | 02 | JXBLSA | 00 | 1 | B2 | | 09A | PORT B SELECT | |
| 45576 | | XA238 | 15 | XA231 | 22 | | | 16B | 9 | | | JXPRSA | 01 | JXPRSA | 00 | 1 | A4 | | 07B | CAP PANEL RESET | |
| 44473 | | XA238 | 16 | | | | | | | | | GND | 01 | | | TQ2 | | | 01B | | |
| 44833 | | XA238 | 17 | XA222 | 55 | | | 16B | 9 | | | JEYINOX | 02 | JEYINO | 01 | 1 | B3 | | 08B | | |
| 45302 | | XA238 | 18 | XA237 | 55 | | | 16B | 9 | | | JXBLSLOX | 04 | JXBLSA | 01 | 1 | B2 | | 10A | | |
| 46486 | | XA238 | 19 | XA238 | 13 | | | 16B | 9 | | | SPIO182 | 08 | JEYINO | 01 | 2 | B3 | | 09B | | |
| 46485 | | XA238 | 20 | XA238 | 19 | | | 16B | 9 | | | SPIO182 | 07 | JXBLSA | 01 | 2 | B2 | | 11A | | |
| 44830 | | XA238 | 21 | XA214 | 34 | | | 16B | 9 | | | JEYINO | 01 | JEYINO | 00 | 1 | B3 | | 10B | | |
| 45190 | | XA238 | 22 | | | | | | | | | JXASLA | 02 | JXASLA | 00 | 1 | B1 | | 12A | PORT A SELECT | |
| 45801 | | XA238 | 23 | | | | | | | | | JXST1A | 03 | JXR00 | 01 | 1 | B4 | | 11B | | |
| 45196 | | XA238 | 24 | XA238 | 08 | | | 16B | 9 | | | JXASLOX | 04 | JXASLA | 01 | 1 | B1 | | 13A | | |
| 46483 | | XA238 | 25 | XA238 | 26 | | | 16B | 9 | | | SPIO182 | 05 | JXR00 | 01 | 2 | B4 | | 12B | | |
| 46484 | | XA238 | 26 | XA238 | 20 | | | 16B | 9 | | | SPIO182 | 06 | JXASLA | 01 | 2 | B1 | | 14A | | |
| 45683 | | XA238 | 27 | XA235 | 08 | | | 16B | 9 | | | JXR00 | 04 | JXR00 | 00 | 1 | B4 | | 13B | | |
| 44092 | | XA238 | 28 | | | | | | | | | +5V | 01 | | | TQ2 | | | | | |
| 45609 | | XA238 | 29 | XA236 | 79 | | | 16B | 9 | | | JXRPCS | 02 | JXRPCR | 01 | 1 | C3 | | 14B | | |
| 45600 | | XA238 | 30 | XA239 | 34 | | | 16B | 9 | | | JXRENR | 03 | JXRENR | 00 | 1 | C2 | | 15A | | |
| CONNECTOR (XA238) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA238
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 150

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|-----|--------|-----------|-----|------|-------------|------|--------|--------|------------|-------|--------|------------------|---------|---------------------|-------------|---------|---------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | DI | MULTI GROUP | CODE | | | | | | | | | COLOR | IDENT | | |
| 45614 | | XA238 | 31 | | | | | | | | | | | | | | | | | | |
| 44474 | | XA238 | 32 | | XA 238 | 36 | | | 16B | 9 | | JXRRSA GND | 02 01 | JXRPCR | 01 2 | TQ2 TQ2 | C3 | | 19B 20B | | |
| 45606 | | XA238 | 33 | | XA 239 | 29 | | | 16B | 9 | | JXRPCR | 02 | JXRPCR | 00 1 | TQ2 | C3 | | 16B | | |
| 45603 | | XA238 | 34 | | XA 225 | 08 | | | 16B | 9 | | JXRENS | 02 | JXRENR | 01 1 | TQ2 | C2 | | 16A | | |
| 45899 | | XA238 | 35 | | XA 232 | 50 | | | 16B | 9 | | JXXBCO | 01 | JXXBCA | 01 1 | TQ2 | C4 | | 17B | | |
| 45615 | | XA238 | 36 | | XA 238 | 42 | | | 16B | 9 | | JXRRSA | 03 | JXRENR | 01 2 | TQ2 | C2 | | 17A | | |
| 46482 | | XA238 | 37 | | XA 238 | 25 | | | 16B | 9 | | SPIO182 | 04 | JXXBCA | 01 2 | TQ2 | C4 | | 18B | | |
| 45592 | | XA238 | 38 | | XA 239 | 40 | | | 16B | 9 | | JXRCMR | 03 | JXRCMR | 00 1 | TQ2 | C1 | | 18A | | |
| 45898 | | XA238 | 39 | | | | | | | | | JXXBCA | 04 | JXXBCA | 00 1 | TQ2 | C4 | | 19B | RESET I/O BYTE COUN | |
| 45596 | | XA238 | 40 | | XA 232 | 46 | | | 16B | 9 | | JXRCMS | 03 | JXRCMR | 01 1 | TQ2 | C1 | | 19A | | |
| 45739 | | XA238 | 41 | | XA 239 | 45 | | | 16B | 9 | | JXR2CS | 03 | JXR2CR | 01 1 | TQ2 | D3 | | 22B | | |
| 45616 | | XA238 | 42 | | XA 238 | 43 | | | 16B | 9 | | JXRRSA | 04 | JXRCMR | 01 2 | TQ2 | C1 | | 20A | | |
| 45617 | | XA238 | 43 | | XA 238 | 49 | | | 16B | 9 | | JXRRSA GND | 05 01 | JXR2CR | 01 2 | TQ2 TQ2 | D3 | | 23B 21B | | |
| 44475 | | XA238 | 44 | | | | | | | | | | | | | | | | | | |
| 45734 | | XA238 | 45 | | XA 231 | 48 | | | 16B | 9 | | JXR2CR | 02 | JXR2CR | 00 1 | TQ2 | D3 | | 24B | | |
| 45726 | | XA238 | 46 | | XA 231 | 46 | | | 16B | 9 | | JXR1CR | 02 | JXR1CR | 00 1 | TQ2 | D2 | | 21A | | |
| 45745 | | XA238 | 47 | | XA 236 | 77 | | | 16B | 9 | | JXR3CS | 02 | JXR3CR | 01 1 | TQ2 | D4 | | 25B | | |
| 45730 | | XA238 | 48 | | XA 236 | 73 | | | 16B | 9 | | JXR1CS | 02 | JXR1CR | 01 1 | TQ2 | D2 | | 22A | | |
| 45618 | | XA238 | 49 | | XA 238 | 50 | | | 16B | 9 | | JXRRSA | 06 | JXR3CR | 01 2 | TQ2 | D4 | | 26B | | |
| 45619 | | XA238 | 50 | | XA 238 | 56 | | | 16B | 9 | | JXRRSA | 07 | JXR1CR | 01 2 | TQ2 | D2 | | 23A | | |
| 45742 | | XA238 | 51 | | XA 231 | 49 | | | 16B | 9 | | JXR3CR | 02 | JXR3CR | 00 1 | TQ2 | D4 | | 27B | | |
| 45696 | | XA238 | 52 | | XA 231 | 43 | | | 16B | 9 | | JXR0CR | 02 | JXR0CR | 00 1 | TQ2 | D1 | | 24A | | |
| 45775 | | XA238 | 53 | | XA 239 | 57 | | | 16B | 9 | | JXR6CS | 04 | JXR6CR | 01 1 | TQ2 | E3 | | 28B | | |
| 45699 | | XA238 | 54 | | XA 236 | 71 | | | 16B | 9 | | JXR0CS | 02 | JXR0CR | 01 1 | TQ2 | D1 | | 25A | | |
| 45621 | | XA238 | 55 | | XA 238 | 61 | | | 16B | 9 | | JXRRSA | 09 | JXR6CR | 01 2 | TQ2 | E3 | | 29B | | |
| 45620 | | XA238 | 56 | | XA 238 | 55 | | | 16B | 9 | | JXRRSA | 08 | JXR0CR | 01 2 | TQ2 | D1 | | 26A | | |
| 45770 | | XA238 | 57 | | XA 231 | 54 | | | 16B | 9 | | JXR6CR | 02 | JXR6CR | 00 1 | TQ2 | E3 | | 30B | | |
| 44476 | | XA238 | 58 | | | | | | | | | GND | 01 | | | TQ2 | | | 27A | | |
| 45784 | | XA238 | 59 | | XA 239 | 63 | | | 16B | 9 | | JXR7CS | 04 | JXR7CR | 01 1 | TQ2 | E4 | | 31B | | |
| 45761 | | XA238 | 60 | | XA 231 | 52 | | | 16B | 9 | | JXR5CR | 02 | JXR5CR | 00 1 | TQ2 | E2 | | 28A | | |
| 45622 | | XA238 | 61 | | XA 238 | 64 | | | 16B | 9 | | JXRRSA | 10 | JXR7CR | 01 2 | TQ2 | E4 | | 32B | | |
| 45767 | | XA238 | 62 | | XA 228 | 62 | | | 16B | 9 | | JXR5CS | 05 | JXR5CR | 01 1 | TQ2 | E2 | | 29A | | |
| 45779 | | XA238 | 63 | | XA 231 | 56 | | | 16B | 9 | | JXR7CR | 02 | JXR7CR | 00 1 | TQ2 | E4 | | 33B | | |
| 45623 | | XA238 | 64 | | XA 238 | 70 | | | 16B | 9 | | JXRRSA | 11 | JXR5CR | 01 2 | TQ2 | E2 | | 30A | | |
| 45481 | | XA238 | 65 | | XA 238 | 37 | | | 16B | 9 | | SPIO182 | 03 | | 01 1 | TQ2 | F3 | | 34B | | |
| 45750 | | XA238 | 66 | | XA 231 | 50 | | | 16B | 9 | | JXR4CR | 02 | JXR4CR | 00 1 | TQ2 | E1 | | 31A | | |
| 44477 | | XA238 | 67 | | | | | | | | | GND | 01 | | | TQ2 | | | 40A | | |
| 45757 | | XA238 | 68 | | XA 229 | 71 | | | 16B | 9 | | JXR4CS | 05 | JXR4CR | 01 1 | TQ2 | F1 | | 32A | | |
| 47784 | | XA238 | 69 | | | | | | | | | SPO | 01 | | 00 1 | TQ2 | F3 | | 35A | | A03 |
| 45624 | | XA238 | 70 | | | | | | | | | JXRRSA | 12 | JXR4CR | 01 2 | TQ2 | E1 | | 33A | | |
| 46053 | | XA238 | 71 | | XA 237 | 69 | | | 16B | 9 | | JXX05A | 01 | JXX050 | 01 1 | TQ2 | F2 | | 36A | | |
| 46056 | | XA238 | 72 | | XA 237 | 78 | | | 16B | 9 | | JXX050 | 02 | JXX050 | 00 1 | TQ2 | F2 | | 34A | | |
| 46512 | | XA238 | 73 | | XA 238 | 76 | | | 16B | 9 | | SPIO182 | 34 | JXX050 | 01 2 | TQ2 | F2 | | 36B | | |
| 46397 | | XA238 | 74 | | XA 244 | 66 | | | 16B | 9 | | SPIO142 | 36 | | 01 2 | TQ2 | F3 | | 35B | | |
| 45892 | | XA238 | 75 | | | | | | | | | JXXA50 | 05 | JXXA50 | 00 1 | TQ2 | F1 | | 37B | I/O STATE COUNTER | |
| 46513 | | XA238 | 76 | | XA 244 | 78 | | | 16B | 9 | | SPIO182 | 35 | | 01 1 | TQ2 | F4 | | 37A | | |
| 45886 | | XA238 | 77 | | XA 235 | 60 | | | 16B | 9 | | JXXA5A | 01 | JXXA50 | 01 1 | TQ2 | F1 | | 38B | | |
| 46530 | | XA238 | 78 | | XA 242 | 71 | | | 16B | 9 | | SPIO192 | 16 | | 01 2 | TQ2 | F4 | | 38A | | |
| 46511 | | XA238 | 79 | | XA 238 | 73 | | | 16B | 9 | | SPIO182 | 33 | JXXA50 | 01 2 | TQ2 | F1 | | 39B | | |
| 47785 | | XA238 | 80 | | | | | | | | | SPO | 01 | | 00 1 | TQ2 | F4 | | 39A | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA239
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 151

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|---------|--------|--------|----------|------|--------|------------------|-------|---------------------|-------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | INT FC | PREFIX | CONNECTOR | PIN | INT FC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | AND | OR | | |
| 45171 | XA239 | 01 | | | XA 241 | 41 | | | 16B | 9 | | JXAIEO | 01 | JXAIEO | 00 | 1 | TQ2 | A2 | | 02B | | PORT A DATA RECEIV | | |
| 44478 | XA239 | 02 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01A | | | | |
| 45161 | XA239 | 03 | | | XA 238 | 06 | | | 16B | 9 | | JXAIEA | 02 | JXAIFO | 01 | 1 | TQ2 | A3 | | 02A | | | | |
| 45160 | XA239 | 04 | | | XA 239 | 03 | | | 16B | 9 | | JXAIEA | 01 | JXAIEO | 01 | 1 | TQ2 | A2 | | 04A | | | | |
| 46490 | XA239 | 05 | | | XA 238 | 03 | | | 16B | 9 | | SPIO182 | 12 | JXAIEO | 01 | 2 | TQ2 | A2 | | 03B | | | | |
| 46016 | XA239 | 06 | | | XA 238 | 05 | | | 16B | 9 | | JXXDRA | 01 | JXXDRA | 00 | 1 | TQ2 | A1 | | 05A | | DATA RECEIVE INTR | | |
| 46489 | XA239 | 07 | | | XA 239 | 05 | | | 16B | 9 | | SPIO182 | 11 | JXAIFO | 01 | 2 | TQ2 | A3 | | 03A | | | | |
| 46020 | XA239 | 08 | | | | | | | | | | JXXDR0 | 02 | JXXDRA | 01 | 1 | TQ2 | A1 | | 06A | | | | |
| 45172 | XA239 | 09 | | | XA 241 | 65 | | | 16B | 9 | | JXAIFO | 01 | JXAIFO | 00 | 1 | TQ2 | A3 | | 04B | | | | |
| 46488 | XA239 | 10 | | | XA 239 | 07 | | | 16B | 9 | | SPIO182 | 10 | JXXDRA | 01 | 2 | TQ2 | A1 | | 07A | | | | |
| 45271 | XA239 | 11 | | | XA 239 | 24 | | | 16B | 9 | | JXBIEA | 02 | JXBIEO | 01 | 1 | TQ2 | A4 | | 05B | | | | |
| 44093 | XA239 | 12 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | | | |
| 46543 | XA239 | 13 | | | XA 239 | 17 | | | 16B | 9 | | SPIO202 | 01 | JXBIEO | 01 | 2 | TQ2 | A4 | | 06B | | | | |
| 44814 | XA239 | 14 | | | XA213 | 50 | | | 16B | 9 | | JENINO | 01 | JENINO | 00 | 1 | TQ2 | B2 | | 09A | | | | |
| 45277 | XA239 | 15 | | | XA 240 | 41 | | | 16B | 9 | | JXBIEO | 01 | JXBIEO | 00 | 1 | TQ2 | A4 | | 07B | | PORT B DATA RECEIV | | |
| 44479 | XA239 | 16 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01B | | | | |
| 46544 | XA239 | 17 | | | XA 239 | 20 | | | 16B | 9 | | SPIO202 | 02 | JXGN4A | 01 | 1 | TQ2 | B3 | | 08B | | | | |
| 45585 | XA239 | 18 | | | XA 234 | 09 | | | 16B | 9 | | JXRAF6T | 01 | JENINO | 01 | 1 | TQ2 | B2 | | 10A | | | | |
| 46515 | XA239 | 19 | | | XA 238 | 78 | | | 16B | 9 | | SPIO192 | 01 | JXGN4A | 01 | 2 | TQ2 | B3 | | 09B | | | | |
| 46545 | XA239 | 20 | | | XA 239 | 26 | | | 16B | 9 | | SPIO202 | 03 | JENINO | 01 | 2 | TQ2 | B2 | | 11A | | | | |
| 45547 | XA239 | 21 | | | XA 234 | 59 | | | 16B | 9 | | JXGN4A | 01 | JXGN4A | 00 | 1 | TQ2 | B3 | | 10B | | | | |
| 45285 | XA239 | 22 | | | XA 240 | 65 | | | 16B | 9 | | JXBIFO | 01 | JXBIFO | 00 | 1 | TQ2 | B1 | | 12A | | | | |
| 47920 | XA239 | 23 | | | XA 139 | 23 | | | 16B | 9 | | T04MHK | 02 | J04MZ0 | 01 | 1 | TQ2 | B4 | | 11B | | | | |
| 45272 | XA239 | 24 | | | | | | | | | | JXBIEA | 03 | JXBIFO | 01 | 1 | TQ2 | B1 | | 13A | | | | |
| 46547 | XA239 | 25 | | | XA 239 | 37 | | | 16B | 9 | | SPIO202 | 05 | J04MZ0 | 01 | 2 | TQ2 | B4 | | 12B | | | | |
| 46546 | XA239 | 26 | | | XA 239 | 25 | | | 16B | 9 | | SPIO202 | 04 | JXBIFO | 01 | 2 | TQ2 | B1 | | 14A | | | | |
| 46095 | XA239 | 27 | | | | | | | | | | J04MZ0 | 03 | J04MZ0 | 00 | 1 | TQ2 | B4 | | 13B | | 4 MHZ RECEIVER | | |
| 44094 | XA239 | 28 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | | | |
| 45607 | XA239 | 29 | | | | | | | | | | JXRPCR | 03 | JXRPCS | 01 | 1 | TQ2 | C3 | | 14B | | | | |
| 45602 | XA239 | 30 | | | XA 238 | 34 | | | 16B | 9 | | JXRENS | 01 | JXRENS | 00 | 1 | TQ2 | C2 | | 15A | | I/O INPUT REG ENAB | | |
| 45179 | XA239 | 31 | | | XA 240 | 75 | | | 16B | 9 | | JXAPCB4 | 01 | JXRPCS | 01 | 2 | TQ2 | C3 | | 15B | | | | |
| 44480 | XA239 | 32 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 20B | | | | |
| 45608 | XA239 | 33 | | | XA 238 | 29 | | | 16B | 9 | | JXRPCS | 01 | JXRPCS | 00 | 1 | TQ2 | C3 | | 16B | | | | |
| 45601 | XA239 | 34 | | | | | | | | | | JXRENr | 04 | JXRENS | 01 | 1 | TQ2 | C2 | | 16A | | | | |
| 45847 | XA239 | 35 | | | XA 231 | 47 | | | 16B | 9 | | JXXACO | 01 | JXXACA | 01 | 1 | TQ2 | C4 | | 17B | | | | |
| 45152 | XA239 | 36 | | | XA 240 | 69 | | | 16B | 9 | | JXAENB4 | 01 | JXRENS | 01 | 2 | TQ2 | C2 | | 17A | | | | |
| 46548 | XA239 | 37 | | | XA 239 | 74 | | | 16B | 9 | | SPIO202 | 06 | JXXACA | 01 | 2 | TQ2 | C4 | | 18B | | | | |
| 45595 | XA239 | 38 | | | XA 238 | 40 | | | 16B | 9 | | JXRCMS | 02 | JXRCMS | 00 | 1 | TQ2 | C1 | | 18A | | I/O INPUT REG COMM | | |
| 45840 | XA239 | 39 | | | XA 237 | 56 | | | 16B | 9 | | JXXACA | 01 | JXXACA | 00 | 1 | TQ2 | C4 | | 19B | | | | |
| 45593 | XA239 | 40 | | | | | | | | | | JXRCMR | 04 | JXRCMS | 01 | 1 | TQ2 | C1 | | 19A | | | | |
| 45733 | XA239 | 41 | | | XA 238 | 45 | | | 16B | 9 | | JXR2CR | 01 | JXR2CS | 01 | 1 | TQ2 | D3 | | 22B | | | | |
| 45144 | XA239 | 42 | | | XA 240 | 72 | | | 16B | 9 | | JXACMB4 | 01 | JXRCMS | 01 | 2 | TQ2 | C1 | | 20A | | | | |
| 45220 | XA239 | 43 | | | XA 240 | 45 | | | 16B | 9 | | JXA2CB4 | 01 | JXR2CS | 01 | 2 | TQ2 | D3 | | 23B | | | | |
| 44481 | XA239 | 44 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 21B | | | | |
| 45740 | XA239 | 45 | | | | | | | | | | JXR2CS | 04 | JXR2CS | 00 | 1 | TQ2 | D3 | | 24B | | | | |
| 45729 | XA239 | 46 | | | XA 238 | 48 | | | 16B | 9 | | JXR1CS | 07 | JXR1CS | 00 | 1 | TQ2 | D2 | | 21A | | | | |
| 45741 | XA239 | 47 | | | XA 238 | 51 | | | 16B | 9 | | JXR3CR | 01 | JXR3CS | 01 | 1 | TQ2 | D4 | | 25B | | | | |
| 45725 | XA239 | 48 | | | XA 238 | 46 | | | 16B | 9 | | JXR1CR | 01 | JXR1CS | 01 | 1 | TQ2 | D2 | | 22A | | | | |
| 45230 | XA239 | 49 | | | XA 240 | 51 | | | 16B | 9 | | JXA3CB4 | 01 | JXR3CS | 01 | 2 | TQ2 | D4 | | 26B | | | | |
| 45216 | XA239 | 50 | | | XA 240 | 46 | | | 16B | 9 | | JXA1CB4 | 01 | JXR1CS | 01 | 2 | TQ2 | D2 | | 23A | | | | |

CONNECTOR (XA239) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA239
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 152

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|-----|-------|----------------------------|-----------|-----|-------|-------------|------|-------|--------|---------|----------|-------------|------------------|-------|---------------------|--------------------|--------------------|--------------------|
| | PREFIX | CONNECTOR | PIN | SM/TC | PREFIX | CONNECTOR | PIN | SM/TC | MULTI GROUP | CODE | COLOR | | | | | | | | | | |
| 45744 | | XA239 | 51 | | XA238 | 47 | | | | 16B | 9 | | JXR3CS | 01 | JXR3CS | 00 | 1 | TQ2 | 04 | 27B | |
| 45698 | | XA239 | 52 | | XA238 | 54 | | | | 16B | 9 | | JXROCS | 01 | JXROCS | 00 | 1 | TQ2 | 01 | 24A | |
| 45769 | | XA239 | 53 | | XA238 | 57 | | | | 16B | 9 | | JXR6CR | 01 | JXR6CS | 01 | 1 | TQ2 | E3 | 28B | |
| 45695 | | XA239 | 54 | | XA238 | 52 | | | | 16B | 9 | | JXROCR | 01 | JXROCS | 01 | 1 | TQ2 | D1 | 25A | |
| 45251 | | XA239 | 55 | | XA240 | 57 | | | | 16B | 9 | | JXA6CB4 | 01 | JXR6CS | 01 | 2 | TQ2 | E3 | 29B | |
| 45202 | | XA239 | 56 | | XA240 | 52 | | | | 16B | 9 | | JXA0CB4 | 01 | JXROCS | 01 | 2 | TQ2 | D1 | 26A | |
| 45775 | | XA239 | 57 | | XA228 | 77 | | | | 16B | 9 | | JXR6CS | 05 | JXR6CS | 00 | 1 | TQ2 | E3 | 30B | |
| 44482 | | XA239 | 58 | | | | | | | | | | GND | 01 | | | | TQ2 | | 27A | |
| 45778 | | XA239 | 59 | | XA238 | 63 | | | | 16B | 9 | | JXR7CR | 01 | JXR7CS | 01 | 1 | TQ2 | E4 | 31B | |
| 45766 | | XA239 | 60 | | XA238 | 62 | | | | 16B | 9 | | JXR5CS | 04 | JXR5CS | 00 | 1 | TQ2 | E2 | 28A | |
| 45255 | | XA239 | 61 | | XA240 | 63 | | | | 16B | 9 | | JXA7CB4 | 01 | JXR7CS | 01 | 2 | TQ2 | E4 | 32B | |
| 45760 | | XA239 | 62 | | XA238 | 60 | | | | 16B | 9 | | JXR5CR | 01 | JXR5CS | 01 | 1 | TQ2 | E2 | 29A | |
| 45785 | | XA239 | 63 | | | | | | | | | | JXR7CS | 05 | JXR7CS | 00 | 1 | TQ2 | E4 | 33B | |
| 45244 | | XA239 | 64 | | XA240 | 60 | | | | 16B | 9 | | JXA5CB4 | 01 | JXR5CS | 01 | 2 | TQ2 | E2 | 30A | A03 |
| 45933 | | XA239 | 65 | | | | | | | | | | JXXB2A | 04 | JXXB20 | 01 | 1 | TQ2 | F3 | 34B | |
| 45756 | | XA239 | 66 | | XA238 | 68 | | | | 16B | 9 | | JXR4CS | 04 | JXR4CS | 00 | 1 | TQ2 | E1 | 31A | |
| 44483 | | XA239 | 67 | | | | | | | | | | GND | 01 | | | | TQ2 | | 40A | |
| 45749 | | XA239 | 68 | | XA238 | 66 | | | | 16B | 9 | | JXR4CR | 01 | JXR4CS | 01 | 1 | TQ2 | E1 | 32A | |
| 45945 | | XA239 | 69 | | | | | | | | | | JXXB20 | 05 | JXXB20 | 00 | 1 | TQ2 | F3 | 35A | I/O BYTE COUNTER |
| 45237 | | XA239 | 70 | | XA240 | 66 | | | | 16B | 9 | | JXA4CB4 | 01 | JXR4CS | 01 | 2 | TQ2 | E1 | 33A | |
| 45920 | | XA239 | 71 | | | | | | | | | | JXXB1A | 02 | JXXB10 | 01 | 1 | TQ2 | F2 | 36A | |
| 45929 | | XA239 | 72 | | | | | | | | | | JXXB10 | 04 | JXXB10 | 00 | 1 | TQ2 | F2 | 34A | I/O BYTE COUNTER |
| 46566 | | XA239 | 73 | | XA239 | 79 | | | | 16B | 9 | | SPIO202 | 24 | JXXB10 | 01 | 2 | TQ2 | F2 | 36B | |
| 46565 | | XA239 | 74 | | XA239 | 73 | | | | 16B | 9 | | SPIO202 | 23 | JXXB20 | 01 | 2 | TQ2 | F3 | 35B | |
| 45917 | | XA239 | 75 | | XA235 | 18 | | | | 16B | 9 | | JXXB00 | 01 | JXXB00 | 00 | 1 | TQ2 | F1 | 37B | I/O BYTE COUNTER |
| 45882 | | XA239 | 76 | | XA235 | 66 | | | | 16B | 9 | | JXXA4A | 01 | JXXA40 | 01 | 1 | TQ2 | F4 | 37A | |
| 45905 | | XA239 | 77 | | XA235 | 52 | | | | 16B | 9 | | JXXB0A | 01 | JXXB00 | 01 | 1 | TQ2 | F1 | 38B | |
| 46568 | | XA239 | 78 | | XA244 | 75 | | | | 16B | 9 | | SPIO202 | 26 | JXXA40 | 01 | 2 | TQ2 | F4 | 38A | |
| 46567 | | XA239 | 79 | | XA239 | 78 | | | | 16B | 9 | | SPIO202 | 25 | JXXB00 | 01 | 2 | TQ2 | F1 | 39B | |
| 45885 | | XA239 | 80 | | | | | | | | | | JXXA40 | 02 | JXXA40 | 00 | 1 | TQ2 | F4 | 39A | I/O STATE COUNTER |
| 34215 | | XA240 | 01 | | XA139 | 50 | | | | 16B | 9 | P | KXB1CD | 03 | KXA1CB4 | 02 | 1 | TLD | A2 | 02B | |
| 34315 | | XA240 | 01 | | | | | | | | | J | KXB1CD | 01 | KXB1CD | 00 | 1 | TLD | A2 | 02B | KXA1CB4 BUSS |
| 34384 | | XA240 | 02 | | | | | | | | | | GND | 01 | | | | TLD | | 01A | |
| 34279 | | XA240 | 03 | | XA240 | 04 | | | | 16B | 9 | | KXB1E0 | 07 | KXB2CD | 01 | 1 | TLD | A3 | 02A | |
| 34280 | | XA240 | 04 | | XA240 | 08 | | | | 16B | 9 | | KXB1E0 | 08 | KXB1CD | 01 | 1 | TLD | A2 | 04A | |
| 34316 | | XA240 | 05 | | XA142 | 15 | | | | 16B | 9 | | KXB1COX | 01 | KXB1CD | 01 | 2 | TLD | A2 | 03B | |
| 34203 | | XA240 | 06 | | XA241 | 06 | | | | 16B | 9 | P | KXB0CD | 02 | KXA0CB4 | 02 | 1 | TLD | A1 | 05A | PORT A/B DATA LINE |
| 34308 | | XA240 | 06 | | | | | | | | | J | KXB0CD | 01 | KXB0CD | 00 | 1 | TLD | A1 | 05A | KXA0CB4 BUSS |
| 34319 | | XA240 | 07 | | XA142 | 10 | | | | 16B | 9 | | KXB2COX | 01 | KXB2CD | 01 | 2 | TLD | A3 | 03A | |
| 34281 | | XA240 | 08 | | | | | | | | | | KXB1E0 | 09 | KXB0CD | 01 | 1 | TLD | A1 | 06A | |
| 34221 | | XA240 | 09 | | XA241 | 09 | | | | 16B | 9 | P | KXB2CD | 02 | KXA2CB4 | 02 | 1 | TLD | A3 | 04B | |
| 34318 | | XA240 | 09 | | | | | | | | | J | KXB2CD | 01 | KXB2CD | 00 | 1 | TLD | A3 | 04B | KXA2CB4 BUSS |
| 34309 | | XA240 | 10 | | XA142 | 09 | | | | 16B | 9 | | KXB0COX | 01 | KXB0CD | 01 | 2 | TLD | A1 | 07A | |
| 34278 | | XA240 | 11 | | XA240 | 03 | | | | 16B | 9 | | KXB1E0 | 06 | KXB3CD | 01 | 1 | TLD | A4 | 05B | |
| 33095 | | XA240 | 12 | | | | | | | | | | +5V | 01 | | | | TLD | | | |
| 34322 | | XA240 | 13 | | XA142 | 03 | | | | 16B | 9 | | KXB3COX | 01 | KXB3CD | 01 | 2 | TLD | A4 | 06B | |
| 34243 | | XA240 | 14 | | XA139 | 64 | | | | 16B | 9 | P | KXB5CD | 03 | KXA5CB4 | 02 | 1 | TLD | B2 | 09A | |
| 34327 | | XA240 | 14 | | | | | | | | | J | KXB5CD | 01 | KXB5CD | 00 | 1 | TLD | B2 | 09A | KXA5CB4 BUSS |
| CONNECTOR | XA240 | | | | CONTINUED ON THE NEXT PAGE | **** | | | | | | | | | | | | | | | |

H78-14 1167

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA240
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC FILE IDENT T39C1F5 DATE 09-03-82 PAGE 153

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|---------------------------------|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------|--------|----------|-------------|------------------|-------|---------------------|-------------|------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FC | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | SEC INET | MEAS | | |
| 34229 | | XA240 | 15 | | XA139 | 49 | | | 16B | 9 | | J | KXB3CD | 03 | KXA3CB4 | 02 | 1 | TLD | A4 | 07B | | | |
| 34321 | | XA240 | 15 | | | | | | | | | J | KXB3CD | 01 | KXB3CD | 00 | 1 | TLD | A4 | 07B | | | |
| 33485 | | XA240 | 16 | | | | | | | | | J | GND | 01 | | | | TLD | | 01B | | | |
| 34276 | | XA240 | 17 | | XA139 | 15 | | | 16B | 9 | | J | KXBIE0 | 04 | KXB6CD | 01 | 1 | TLD | B3 | 08B | | | |
| 34275 | | XA240 | 18 | | XA240 | 17 | | | 16B | 9 | | J | KXBIE0 | 03 | KXB5CD | 01 | 1 | TLD | B2 | 10A | | | |
| 34331 | | XA240 | 19 | | XA142 | 40 | | | 16B | 9 | | J | KXB6COX | 01 | KXB6CD | 01 | 2 | TLD | B3 | 09B | | | |
| 34328 | | XA240 | 20 | | XA142 | 35 | | | 16B | 9 | | J | KXB5COX | 01 | KXB5CD | 01 | 2 | TLD | B2 | 11A | | | |
| 34250 | | XA240 | 21 | | XA139 | 55 | | | 16B | 9 | | J | KXB6CD | 03 | KXA6CB4 | 02 | 1 | TLD | B3 | 10B | | | |
| 34330 | | XA240 | 21 | | | | | | | | | J | KXB6CD | 01 | KXB6CD | 00 | 1 | TLD | B3 | 10B | | | |
| 34236 | | XA240 | 22 | | XA139 | 70 | | | 16B | 9 | | J | KXB4CD | 03 | KXA4CB4 | 02 | 1 | TLD | B1 | 12A | | | |
| 34324 | | XA240 | 22 | | | | | | | | | J | KXB4CD | 01 | KXB4CD | 00 | 1 | TLD | B1 | 12A | | | |
| 34273 | | XA240 | 23 | | XA240 | 24 | | | 16B | 9 | | J | KXBIE0 | 01 | KXB7CD | 01 | 1 | TLD | B4 | 11B | | | |
| 34274 | | XA240 | 24 | | XA240 | 18 | | | 16B | 9 | | J | KXBIE0 | 02 | KXB4CD | 01 | 1 | TLD | B1 | 13A | | | |
| 34334 | | XA240 | 25 | | XA142 | 30 | | | 16B | 9 | | J | KXB7COX | 01 | KXB7CD | 01 | 2 | TLD | B4 | 12B | | | |
| 34325 | | XA240 | 26 | | XA142 | 29 | | | 16B | 9 | | J | KXB4COX | 01 | KXB4CD | 01 | 2 | TLD | B1 | 14A | | | |
| 34256 | | XA240 | 27 | | XA241 | 27 | | | 16B | 9 | | J | KXB7CD | 02 | KXA7CB4 | 02 | 1 | TLD | B4 | 13B | | | |
| 34333 | | XA240 | 27 | | | | | | | | | J | KXB7CD | 01 | KXB7CD | 00 | 1 | TLD | B4 | 13B | | | |
| 33096 | | XA240 | 28 | | | | | | | | | J | +5V | 01 | | | | TLD | | | | | |
| 34284 | | XA240 | 29 | | XA139 | 22 | | | 16B | 9 | | J | KXBIF0 | 03 | KXBEND | 01 | 1 | TLD | C3 | 14B | | | |
| 34145 | | XA240 | 30 | | XA241 | 30 | | | 16B | 9 | | J | KXBCMD | 02 | KXACMB4 | 02 | 1 | TLD | C2 | 15A | | | |
| 34262 | | XA240 | 30 | | | | | | | | | J | KXBCMD | 01 | KXBCMD | 00 | 1 | TLD | C2 | 15A | | | |
| 34268 | | XA240 | 31 | | XA142 | 56 | | | 16B | 9 | | J | KXBENOX | 02 | KXBEND | 01 | 2 | TLD | C3 | 15B | | | |
| 33486 | | XA240 | 32 | | | | | | | | | J | GND | 01 | | | | TLD | | 21B | | | |
| 34153 | | XA240 | 33 | | XA241 | 33 | | | 16B | 9 | | J | KXBEND | 02 | KXAENB4 | 02 | 1 | TLD | C3 | 16B | | | |
| 34266 | | XA240 | 33 | | | | | | | | | J | KXBEND | 01 | KXBEND | 00 | 1 | TLD | C3 | 16B | | | |
| 34283 | | XA240 | 34 | | XA240 | 29 | | | 16B | 9 | | J | KXBIE0 | 02 | KXSCMD | 01 | 1 | TLD | C2 | 16A | | | |
| 34291 | | XA240 | 35 | | XA127 | 60 | | | 16B | 9 | | J | KXBR00 | 01 | KXBR4D1 | 01 | 1 | TLD | C4 | 17B | | | |
| 34264 | | XA240 | 36 | | XA142 | 47 | | | 16B | 9 | | J | KXBCMOX | 02 | KXBCMD | 01 | 2 | TLD | C2 | 17A | | | |
| 35549 | | XA240 | 37 | | XA241 | 37 | | | 16B | 9 | | J | SPIO201 | 07 | KXBR4D1 | 01 | 2 | TLD | C4 | 18B | | | |
| 34178 | | XA240 | 38 | | XA139 | 31 | | | 16B | 9 | | J | KXBPCD | 03 | KXAPCB4 | 02 | 1 | TLD | C1 | 18A | | | |
| 34286 | | XA240 | 38 | | | | | | | | | J | KXBPCD | 01 | KXBPCD | 00 | 1 | TLD | C1 | 18A | | | |
| 36842 | | XA240 | 39 | | XA347 | 18 | | | 16B | 9 | | J | KXBR4D1 | 01 | KXBR4D1 | 00 | 1 | TLD | C4 | 19B | | | |
| 34282 | | XA240 | 40 | | XA240 | 34 | | | 16B | 9 | | J | KXBIF0 | 01 | KXBPCD | 01 | 1 | TLD | C1 | 19A | | | |
| 35517 | | XA240 | 41 | | XA240 | 47 | | | 16B | 9 | | J | JXBIE0 | 02 | JXB2CD | 01 | 1 | TLD | D3 | 22B | | | |
| 34287 | | XA240 | 42 | | XA142 | 48 | | | 16B | 9 | | J | KXBPCOX | 01 | KXBPCD | 01 | 2 | TLD | C1 | 20A | | | |
| 35559 | | XA240 | 43 | | XA242 | 10 | | | 16B | 9 | | J | JXB2COX | 01 | JXB2CD | 01 | 2 | TLD | D3 | 23B | | | |
| 33487 | | XA240 | 44 | | | | | | | | | J | GND | 01 | | | | TLD | | 27A | | | |
| 36898 | | XA240 | 45 | | XA241 | 45 | | | 16B | 9 | | J | JXB2CD | 02 | JXA2CB4 | 01 | 1 | TLD | D3 | 24B | | | |
| 48109 | | XA240 | 45 | | | | | | | | | J | JXB2CD | 01 | JXB2CD | 00 | 1 | TLD | D3 | 24B | | | |
| 36897 | | XA240 | 46 | | XA241 | 46 | | | 16B | 9 | | J | JXB1CD | 02 | JXA1CB4 | 01 | 1 | TLD | D2 | 21A | | | |
| 48110 | | XA240 | 46 | | | | | | | | | J | JXB1CD | 01 | JXB1CD | 00 | 1 | TLD | D2 | 21A | | | |
| 35516 | | XA240 | 47 | | XA240 | 48 | | | 16B | 9 | | J | JXBIE0 | 03 | JXB3CD | 01 | 1 | TLD | D4 | 21B | | | |
| 35553 | | XA240 | 48 | | XA240 | 53 | | | 16B | 9 | | J | JXBIE0 | 04 | JXB1CD | 01 | 1 | TLD | D2 | 22A | | | |
| 35558 | | XA240 | 49 | | XA242 | 03 | | | 16B | 9 | | J | JXB3COX | 01 | JXB3CD | 01 | 2 | TLD | D4 | 26B | | | |
| 35520 | | XA240 | 50 | | XA242 | 15 | | | 16B | 9 | | J | JXB1COX | 01 | JXB1CD | 01 | 2 | TLD | D2 | 23A | | | |
| 36899 | | XA240 | 51 | | XA241 | 51 | | | 16B | 9 | | J | JXB3CD | 02 | JXA3CB4 | 01 | 1 | TLD | D4 | 27B | | | |
| 48112 | | XA240 | 51 | | | | | | | | | J | JXB3CD | 01 | JXB3CD | 00 | 1 | TLD | D4 | 27B | | | |
| 36896 | | XA240 | 52 | | XA241 | 52 | | | 16B | 9 | | J | JXB0CD | 02 | JXA0CB4 | 01 | 1 | TLD | D1 | 24A | | | |
| 48106 | | XA240 | 52 | | | | | | | | | J | JXB0CD | 01 | JXB0CD | 00 | 1 | TLD | D1 | 24A | | | |
| 35557 | | XA240 | 53 | | XA240 | 54 | | | 16B | 9 | | J | JXBIE0 | 05 | JXB6CD | 01 | 1 | TLD | E3 | 28B | | | |
| CONNECTOR | | XA240 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA240
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 154

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|------|-------|-------------|------|--------|---------|----------|---------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FC | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | | | | | | | | | | | |
| 35524 | | XA240 | 54 | | XA240 | 59 | | | 16B | 9 | | JXBIE0 | 06 | JXB0CD | 01 | 1 | TLD | D1 | 25A | | |
| 35525 | | XA240 | 55 | | XA242 | 40 | | | 16B | 9 | | JXB6COX | 01 | JXB6CD | 01 | 2 | TLD | E3 | 29B | | |
| 35556 | | XA240 | 56 | | XA242 | 09 | | | 16B | 9 | | JXB0COX | 01 | JXB0CD | 01 | 2 | TLD | D1 | 26A | | |
| 36902 | | XA240 | 57 | | XA241 | 57 | | | 16B | 9 | P | JXB6CD | 02 | JXA6CB4 | 01 | 1 | TLD | E3 | 30B | | |
| 48118 | | XA240 | 57 | | | | | | | | J | JXB6CD | 01 | JXB6CD | 00 | 1 | TLD | E3 | 30B | JXA6CB4 BUSS | |
| 33488 | | XA240 | 58 | | | | | | | | | GND | 01 | | | | TLD | | 40A | | |
| 35526 | | XA240 | 59 | | XA240 | 62 | | | 16B | 9 | | JXBIE0 | 07 | JXB7CD | 01 | 1 | TLD | E4 | 31B | | |
| 36901 | | XA240 | 60 | | XA241 | 60 | | | 16B | 9 | P | JXB5CD | 02 | JXA5CB4 | 01 | 1 | TLD | E2 | 28A | | |
| 48116 | | XA240 | 60 | | | | | | | | J | JXB5CD | 01 | JXB5CD | 00 | 1 | TLD | E2 | 28A | JXA5CB4 BUSS | |
| 35560 | | XA240 | 61 | | XA242 | 30 | | | 16B | 9 | | JXB7COX | 01 | JXB7CD | 01 | 2 | TLD | E4 | 32B | | |
| 35561 | | XA240 | 62 | | XA240 | 68 | | | 16B | 9 | | JXBIE0 | 08 | JXB5CD | 01 | 1 | TLD | E2 | 29A | | |
| 36903 | | XA240 | 63 | | XA241 | 63 | | | 16B | 9 | P | JXB7CD | 02 | JXA7CB4 | 01 | 1 | TLD | E4 | 33B | PORT A/B DATA LINE | |
| 48120 | | XA240 | 63 | | | | | | | | J | JXB7CD | 01 | JXB7CD | 00 | 1 | TLD | E4 | 33B | JXA7CB4 BUSS | |
| 35538 | | XA240 | 64 | | XA242 | 35 | | | 16B | 9 | | JXB5COX | 01 | JXB5CD | 01 | 2 | TLD | E2 | 30A | | |
| 35527 | | XA240 | 65 | | XA240 | 71 | | | 16B | 9 | | JXBIF0 | 02 | JXBEND | 01 | 1 | TLD | F3 | 34B | | |
| 36900 | | XA240 | 66 | | XA241 | 66 | | | 16B | 9 | P | JXB4CD | 02 | JXA4CB4 | 01 | 1 | TLD | E1 | 31A | | |
| 48114 | | XA240 | 66 | | | | | | | | J | JXB4CD | 01 | JXB4CD | 00 | 1 | TLD | E1 | 31A | JXA4CB4 BUSS | |
| 33489 | | XA240 | 67 | | | | | | | | | GND | 01 | | | | TLD | | | | |
| 35537 | | XA240 | 68 | | | | | | | | | JXBIE0 | 09 | JXB4CD | 01 | 1 | TLD | E1 | 32A | | |
| 36906 | | XA240 | 69 | | XA241 | 69 | | | 16B | 9 | P | JXBEND | 02 | JXAENB4 | 01 | 1 | TLD | F3 | 35A | PORT A/B ENABLE LT | |
| 48101 | | XA240 | 69 | | | | | | | | J | JXBEND | 01 | JXBEND | 00 | 1 | TLD | F3 | 35A | JXAENB4 BUSS | |
| 35562 | | XA240 | 70 | | XA242 | 29 | | | 16B | 9 | | JXB4COX | 01 | JXB4CD | 01 | 2 | TLD | E1 | 33A | | |
| 35528 | | XA240 | 71 | | XA240 | 77 | | | 16B | 9 | | JXBIF0 | 03 | JXB CMD | 01 | 1 | TLD | F2 | 36A | | |
| 36905 | | XA240 | 72 | | XA241 | 72 | | | 16B | 9 | P | JXB CMD | 02 | JXACMB4 | 01 | 1 | TLD | F2 | 34A | PORT A/B COMMAND | |
| 48099 | | XA240 | 72 | | | | | | | | J | JXB CMD | 01 | JXB CMD | 00 | 1 | TLD | F2 | 34A | JXACMB4 BUSS | |
| 35564 | | XA240 | 73 | | XA242 | 47 | | | 16B | 9 | | JXB CMD | 02 | JXB CMD | 01 | 2 | TLD | F2 | 36B | | |
| 35563 | | XA240 | 74 | | XA242 | 56 | | | 16B | 9 | | JXBEND | 02 | JXBEND | 01 | 2 | TLD | F3 | 35B | | |
| 36904 | | XA240 | 75 | | XA241 | 75 | | | 16B | 9 | P | JXBPCD | 02 | JXAPCB4 | 01 | 1 | TLD | F1 | 37B | PORT A/B PARITY LT | |
| 48104 | | XA240 | 75 | | | | | | | | J | JXBPCD | 01 | JXBPCD | 00 | 1 | TLD | F1 | 37B | JXAPCB4 BUSS | |
| 35531 | | XA240 | 76 | | XA227 | 60 | | | 16B | 9 | | JXBPCD | 01 | JXBPCD | 00 | 1 | TLD | F1 | 37A | | |
| 35529 | | XA240 | 77 | | | | | | | | | JXBIF0 | 04 | JXBPCD | 01 | 1 | TLD | F1 | 38B | | |
| 35570 | | XA240 | 78 | | XA144 | 75 | | | 16B | 9 | | SPIQ201 | 28 | JXB7D1 | 01 | 2 | TLD | E4 | 38A | | |
| 35569 | | XA240 | 79 | | XA242 | 48 | | | 16B | 9 | | JXBPCD | 01 | JXBPCD | 01 | 2 | TLD | F1 | 39B | | |
| 36907 | | XA240 | 80 | | XA347 | 06 | | | 16B | 9 | | JXB7D1 | 01 | JXB7D1 | 00 | 1 | TLD | F4 | 39A | | |
| 34214 | | XA241 | 01 | | XA240 | 01 | | | 16B | 9 | P | KXA1CD | 02 | KXA1CB4 | 01 | 1 | TLD | A2 | 02B | | |
| 34217 | | XA241 | 01 | | | | | | | | J | KXA1CD | 01 | KXA1CD | 00 | 1 | TLD | A2 | 02B | KXA1CB4 BUSS | |
| 33490 | | XA241 | 02 | | | | | | | | | GND | 01 | | | | TLD | | 01A | | |
| 34170 | | XA241 | 03 | | XA139 | 01 | | | 16B | 9 | | KXAIE0 | 08 | KXA2CD | 01 | 1 | TLD | A3 | 02A | | |
| 34169 | | XA241 | 04 | | XA241 | 03 | | | 16B | 9 | | KXAIE0 | 07 | KXA1CD | 01 | 1 | TLD | A2 | 04A | | |
| 34218 | | XA241 | 05 | | XA143 | 15 | | | 16B | 9 | | KXA1COX | 01 | KXA1CD | 01 | 2 | TLD | A2 | 03B | | |
| 34204 | | XA241 | 06 | | XA144 | 08 | | | 16B | 9 | P | KXA0CD | 03 | KXA0CB4 | 01 | 1 | TLD | A1 | 05A | PORT A/B DATA LINE | |
| 34206 | | XA241 | 06 | | | | | | | | J | KXA0CD | 01 | KXA0CD | 00 | 1 | TLD | A1 | 05A | KXA0CB4 BUSS | |
| 34225 | | XA241 | 07 | | XA143 | 10 | | | 16B | 9 | | KXA2COX | 01 | KXA2CD | 01 | 2 | TLD | A3 | 03A | | |
| 34168 | | XA241 | 08 | | XA241 | 04 | | | 16B | 9 | | KXAIE0 | 06 | KXA0CD | 01 | 1 | TLD | A1 | 06A | | |
| 34222 | | XA241 | 09 | | XA144 | 05 | | | 16B | 9 | P | KXA2CD | 03 | KXA2CB4 | 01 | 1 | TLD | A3 | 04B | | |
| 34224 | | XA241 | 09 | | | | | | | | J | KXA2CD | 01 | KXA2CD | 00 | 1 | TLD | A3 | 04B | KXA2CB4 BUSS | |
| 34207 | | XA241 | 10 | | XA143 | 09 | | | 16B | 9 | | KXA0COX | 01 | KXA0CD | 01 | 2 | TLD | A1 | 07A | | |
| 34167 | | XA241 | 11 | | XA241 | 08 | | | 16B | 9 | | KXAIE0 | 05 | KXA3CD | 01 | 1 | TLD | A4 | 05B | | |
| CONNECTOR XA241 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

H78-14 1169

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA241
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 155

| RECORD NUMBER | FROM | | | SPTS | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTORS | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|--|--------|-----------|-----|------|--------|-----------|-----|-------|-------------|------|-------|---------|--------|----------|------|---------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | SH FE | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 33097 | | XA241 | 12 | | | | | | | | | +5V | 01 | | | TLD | | | | | | |
| 34232 | | XA241 | 13 | | XA143 | 03 | | | 16B | 9 | | KXA3COX | 01 | KXA3CD | 01 | 2 | TLD | A4 | | 06B | | |
| 34242 | | XA241 | 14 | | XA240 | 14 | | | 16B | 9 | | KXA5CD | 02 | KXA5CB4 | 01 | 1 | TLD | B2 | | 09A | | |
| 34245 | | XA241 | 14 | | | | | | | | | KXA5CD | 01 | KXA5CD | 00 | 1 | TLD | B2 | | 09A | KXA5CB4 BUSS | |
| 34228 | | XA241 | 15 | | XA240 | 15 | | | 16B | 9 | | KXA3CD | 02 | KXA3CB4 | 01 | 1 | TLD | A4 | | 07B | | |
| 34231 | | XA241 | 15 | | | | | | | | | KXA3CD | 01 | KXA3CD | 00 | 1 | TLD | A4 | | 07B | KXA3CB4 BUSS | |
| 33491 | | XA241 | 16 | | | | | | | | | GND | 01 | | | | | | | 01B | | |
| 34166 | | XA241 | 17 | | XA241 | 11 | | | 16B | 9 | | KXAIEO | 04 | KXA6CD | 01 | 1 | TLD | B3 | | 08B | | |
| 34165 | | XA241 | 18 | | XA241 | 17 | | | 16B | 9 | | KXAIEO | 03 | KXA5CD | 01 | 1 | TLD | B2 | | 10A | | |
| 34253 | | XA241 | 19 | | XA143 | 40 | | | 16B | 9 | | KXA6COX | 01 | KXA6CD | 01 | 2 | TLD | B3 | | 09B | | |
| 34246 | | XA241 | 20 | | XA143 | 35 | | | 16B | 9 | | KXA5COX | 01 | KXA5CD | 01 | 2 | TLD | B2 | | 11A | | |
| 34249 | | XA241 | 21 | | XA240 | 21 | | | 16B | 9 | | KXA6CD | 02 | KXA6CB4 | 01 | 1 | TLD | B3 | | 10B | | |
| 34252 | | XA241 | 21 | | | | | | | | | KXA6CD | 01 | KXA6CD | 00 | 1 | TLD | B3 | | 10B | KXA6CB4 BUSS | |
| 34235 | | XA241 | 22 | | XA240 | 22 | | | 16B | 9 | | KXA6CD | 02 | KXA4CB4 | 01 | 1 | TLD | B1 | | 12A | | |
| 34238 | | XA241 | 22 | | | | | | | | | KXA4CD | 01 | KXA4CD | 00 | 1 | TLD | B1 | | 12A | KXA4CB4 BUSS | |
| 34163 | | XA241 | 23 | | XA241 | 24 | | | 16B | 9 | | KXAIEO | 01 | KXA7CD | 01 | 1 | TLD | B4 | | 11B | | |
| 34164 | | XA241 | 24 | | XA241 | 18 | | | 16B | 9 | | KXAIEO | 02 | KXA4CD | 01 | 1 | TLD | B1 | | 13A | | |
| 34260 | | XA241 | 25 | | XA143 | 30 | | | 16B | 9 | | KXA7COX | 01 | KXA7CD | 01 | 2 | TLD | B4 | | 12B | | |
| 34239 | | XA241 | 26 | | XA143 | 29 | | | 16B | 9 | | KXA4COX | 01 | KXA4CD | 01 | 2 | TLD | B1 | | 14A | | |
| 34257 | | XA241 | 27 | | XA144 | 24 | | | 16B | 9 | | KXA7CD | 03 | KXA7CB4 | 01 | 1 | TLD | B4 | | 13B | PORT A/R DATA LINE | |
| 34259 | | XA241 | 27 | | | | | | | | | KXA7CD | 01 | KXA7CD | 00 | 1 | TLD | B4 | | 13B | KXA7CB4 BUSS | |
| 33098 | | XA241 | 28 | | | | | | | | | +5V | 01 | | | | | | | | | |
| 34173 | | XA241 | 29 | | XA241 | 34 | | | 16B | 9 | | KXAIFO | 02 | KXAEND | 01 | 1 | TLD | C3 | | 14B | | |
| 34146 | | XA241 | 30 | | XA144 | 17 | | | 16B | 9 | | KXACMD | 03 | KXACMB4 | 01 | 1 | TLD | C2 | | 15A | PORT A/R COMMON I | |
| 34148 | | XA241 | 30 | | | | | | | | | KXACMD | 01 | KXACMD | 00 | 1 | TLD | C2 | | 15A | KXACMB4 BUSS | |
| 34158 | | XA241 | 31 | | XA143 | 56 | | | 16B | 9 | | KXAENOX | 02 | KXAEND | 01 | 2 | TLD | C3 | | 15B | | |
| 33492 | | XA241 | 32 | | | | | | | | | GND | 01 | | | | | | | 21B | | |
| 34154 | | XA241 | 33 | | XA144 | 19 | | | 16B | 9 | | KXAEND | 03 | KXAENB4 | 01 | 1 | TLD | C3 | | 16B | PORT A/R ENABLE I | |
| 34156 | | XA241 | 33 | | | | | | | | | KXAEND | 01 | KXAEND | 00 | 1 | TLD | C3 | | 16B | KXAENB4 BUSS | |
| 34174 | | XA241 | 34 | | XA241 | 40 | | | 16B | 9 | | KXAIEO | 03 | KXACMD | 01 | 1 | TLD | C2 | | 16A | | |
| 34185 | | XA241 | 35 | | XA127 | 66 | | | 16B | 9 | | KXARQO | 01 | KXAR4D1 | 01 | 1 | TLD | C4 | | 17B | | |
| 34150 | | XA241 | 36 | | XA143 | 47 | | | 16B | 9 | | KXACMOX | 02 | KXACMD | 01 | 2 | TLD | C2 | | 17A | | |
| 35550 | | XA241 | 37 | | XA139 | 74 | | | 16B | 9 | | SPIO201 | 08 | KXAR4D1 | 01 | 2 | TLD | C4 | | 18B | | |
| 34177 | | XA241 | 38 | | XA240 | 38 | | | 16B | 9 | | KXAPCD | 02 | KXAPCB4 | 01 | 1 | TLD | C1 | | 18A | PORT A/R PARITY I | |
| 34180 | | XA241 | 38 | | | | | | | | | KXAPCD | 01 | KXAPCD | 00 | 1 | TLD | C1 | | 18A | KXAPCB4 BUSS | |
| 36818 | | XA241 | 39 | | XA347 | 19 | | | 16B | 9 | | KXAR4D1 | 01 | KXAR4D1 | 00 | 1 | TLD | C4 | | 19B | PORT A REQUEST | |
| 34175 | | XA241 | 40 | | | | | | | | | KXAIFO | 04 | KXAPCD | 01 | 1 | TLD | C1 | | 19A | | |
| 35551 | | XA241 | 41 | | XA241 | 47 | | | 16B | 9 | | JXAIEO | 02 | JXA2CD | 01 | 1 | TLD | D3 | | 22B | | |
| 34181 | | XA241 | 42 | | XA143 | 48 | | | 16B | 9 | | KXAPCOX | 01 | KXAPCD | 01 | 2 | TLD | C1 | | 20A | | |
| 35518 | | XA241 | 43 | | XA243 | 10 | | | 16B | 9 | | JXA2COX | 01 | JXA2CD | 01 | 2 | TLD | D3 | | 23B | | |
| 33493 | | XA241 | 44 | | | | | | | | | GND | 01 | | | | | | | 27A | | |
| 36910 | | XA241 | 45 | | XA244 | 05 | | | 16B | 9 | | JXA2CD | 03 | JXA2CB4 | 02 | 1 | TLD | D3 | | 24B | | |
| 48086 | | XA241 | 45 | | | | | | | | | JXA2CD | 01 | JXA2CD | 00 | 1 | TLD | D3 | | 24B | JXA2CB4 BUSS | |
| 36909 | | XA241 | 46 | | XA244 | 10 | | | 16B | 9 | | JXAICD | 03 | JXA1CB4 | 02 | 1 | TLD | D2 | | 21A | | |
| 48087 | | XA241 | 46 | | | | | | | | | JXA2CD | 01 | JXA2CD | 00 | 1 | TLD | D2 | | 21A | JXA1CB4 BUSS | |
| 35519 | | XA241 | 47 | | XA241 | 48 | | | 16B | 9 | | JXAIEO | 03 | JXA3CD | 01 | 1 | TLD | D4 | | 25B | | |
| 35554 | | XA241 | 48 | | XA241 | 53 | | | 16B | 9 | | JXAIEO | 04 | JXA1CD | 01 | 1 | TLD | D2 | | 22A | | |
| 35552 | | XA241 | 49 | | XA243 | 03 | | | 16B | 9 | | JXA3COX | 01 | JXA3CD | 01 | 2 | TLD | D4 | | 26B | | |
| 35521 | | XA241 | 50 | | XA243 | 15 | | | 16B | 9 | | JXA1COX | 01 | JXA1CD | 01 | 2 | TLD | D2 | | 23A | | |
| 36911 | | XA241 | 51 | | XA244 | 07 | | | 16B | 9 | | JXA3CD | 03 | JXA3CB4 | 02 | 1 | TLD | D4 | | 27B | | |
| CONNECTOR (XA241) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA241
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 156

| RECORD NUMBER | FROM | | | DIP | TO | | | MULTI GROUP | WIRE | | | WIRE IDENT | SIGNAL | SEQ NO | EQUATION | TERM | FACTORY | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | FCO NO |
|---|--------|-----------|-----|-----|--------|-----------|-----|-------------|------|-------|--|------------|---------|--------|----------|------|---------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | | CODE | COLOR | | | | | | | | | | | | | |
| 48089 | | XA241 | 51 | | | | | | | | | J | JXA3CD | 01 | JXA3CD | 00 | 1 | TLD | D4 | | 27B | JXA3CB4 BUSS | |
| 36908 | | XA241 | 52 | | XA244 | 08 | | 16B | 9 | | | P | JXA0CD | 03 | JXA0CB4 | 02 | 1 | TLD | D1 | | 24A | PORT A/B DATA LINE | |
| 48083 | | XA241 | 52 | | | | | | | | | J | JXA0CD | 01 | JXA0CD | 00 | 1 | TLD | D1 | | 24A | JXA0CB4 BUSS | |
| 35523 | | XA241 | 53 | | XA241 | 54 | | 16B | 9 | | | | JXA1E0 | 05 | JXA6CD | 01 | 1 | TLD | E3 | | 28B | | |
| 35522 | | XA241 | 54 | | XA241 | 59 | | 16B | 9 | | | | JXA1E0 | 06 | JXA0CD | 01 | 1 | TLD | D1 | | 25A | | |
| 35581 | | XA241 | 55 | | XA243 | 40 | | 16B | 9 | | | | JXA6COX | 01 | JXA6CD | 01 | 2 | TLD | E3 | | 29B | | |
| 35555 | | XA241 | 56 | | XA243 | 09 | | 16B | 9 | | | | JXA0COX | 01 | JXA0CD | 01 | 2 | TLD | D1 | | 26A | | |
| 36914 | | XA241 | 57 | | XA244 | 26 | | 16B | 9 | | | | JXA6CD | 03 | JXA6CB4 | 02 | 1 | TLD | E3 | | 30B | | |
| 48095 | | XA241 | 57 | | | | | | | | | P | JXA6CD | 01 | JXA6CD | 00 | 1 | TLD | E3 | | 30B | JXA6CB4 BUSS | |
| 33494 | | XA241 | 58 | | | | | | | | | J | GND | 01 | | | | TLD | | | 40A | | |
| 35580 | | XA241 | 59 | | XA241 | 62 | | 16B | 9 | | | | JXA1E0 | 07 | JXA7CD | 01 | 1 | TLD | E4 | | 31B | | |
| 36913 | | XA241 | 60 | | XA244 | 20 | | 16B | 9 | | | P | JXA5CD | 03 | JXA5CB4 | 02 | 1 | TLD | E2 | | 28A | | |
| 48093 | | XA241 | 60 | | | | | | | | | J | JXA5CD | 01 | JXA5CD | 00 | 1 | TLD | E2 | | 28A | JXA5CB4 BUSS | |
| 35540 | | XA241 | 61 | | XA243 | 30 | | 16B | 9 | | | | JXA7COX | 01 | JXA7CD | 01 | 2 | TLD | E4 | | 32B | | |
| 35541 | | XA241 | 62 | | XA241 | 68 | | 16B | 9 | | | | JXA1E0 | 08 | JXA5CD | 01 | 1 | TLD | E2 | | 29A | | |
| 36915 | | XA241 | 63 | | XA244 | 24 | | 16B | 9 | | | P | JXA7CD | 03 | JXA7CB4 | 02 | 1 | TLD | E4 | | 33B | PORT A/B DATA LINE | |
| 48097 | | XA241 | 63 | | | | | | | | | J | JXA7CD | 01 | JXA7CD | 00 | 1 | TLD | E4 | | 33B | JXA7CB4 BUSS | |
| 35579 | | XA241 | 64 | | XA243 | 35 | | 16B | 9 | | | | JXA5COX | 01 | JXA5CD | 01 | 2 | TLD | E2 | | 30A | | |
| 35539 | | XA241 | 65 | | XA241 | 71 | | 16B | 9 | | | | JXA1F0 | 02 | JXAEND | 01 | 1 | TLD | F3 | | 34B | | |
| 36912 | | XA241 | 66 | | XA244 | 09 | | 16B | 9 | | | P | JXA4CD | 03 | JXA4CB4 | 02 | 1 | TLD | E1 | | 31A | | |
| 48091 | | XA241 | 66 | | | | | | | | | J | JXA4CD | 01 | JXA4CD | 00 | 1 | TLD | E1 | | 31A | JXA4CB4 BUSS | |
| 33495 | | XA241 | 67 | | | | | | | | | | GND | 01 | | | | TLD | | | | | |
| 35536 | | XA241 | 68 | | | | | | | | | | JXA1E0 | 09 | JXA4CD | 01 | 1 | TLD | E1 | | 32A | | |
| 36918 | | XA241 | 69 | | XA244 | 19 | | 16B | 9 | | | P | JXAEND | 03 | JXAENB4 | 02 | 1 | TLD | F3 | | 35A | | |
| 48077 | | XA241 | 69 | | | | | | | | | J | JXAEND | 01 | JXAEND | 00 | 1 | TLD | F3 | | 35A | | |
| 35578 | | XA241 | 70 | | XA243 | 29 | | 16B | 9 | | | | JXA4COX | 01 | JXA4CD | 01 | 2 | TLD | E1 | | 33A | | |
| 35574 | | XA241 | 71 | | XA241 | 77 | | 16B | 9 | | | | JXA1F0 | 03 | JXACMD | 01 | 1 | TLD | F2 | | 36A | | |
| 36917 | | XA241 | 72 | | XA244 | 17 | | 16B | 9 | | | P | JXACMD | 03 | JXACMB4 | 02 | 1 | TLD | F2 | | 34A | PORT A/B COMMAND | |
| 48075 | | XA241 | 72 | | | | | | | | | J | JXACMD | 01 | JXACMD | 00 | 1 | TLD | F2 | | 34A | JXACMB4 BUSS | |
| 35532 | | XA241 | 73 | | XA243 | 47 | | 16B | 9 | | | | JXACMD | 02 | JXACMD | 01 | 2 | TLD | F2 | | 36B | | |
| 35577 | | XA241 | 74 | | XA243 | 56 | | 16B | 9 | | | | JXAENOX | 02 | JXAEND | 01 | 2 | TLD | F3 | | 35B | | |
| 36916 | | XA241 | 75 | | XA244 | 36 | | 16B | 9 | | | P | JXAPCD | 03 | JXAPCB4 | 02 | 1 | TLD | F1 | | 37B | PORT A/B PARITY LI | |
| 48080 | | XA241 | 75 | | | | | | | | | J | JXAPCD | 01 | JXAPCD | 00 | 1 | TLD | F1 | | 37B | JXAPCB4 BUSS | |
| 35534 | | XA241 | 76 | | XA227 | 66 | | 16B | 9 | | | | JXARQ0 | 01 | JXAR7D1 | 01 | 1 | TLD | F4 | | 37A | | |
| 35575 | | XA241 | 77 | | | | | | | | | | JXA1F0 | 04 | JXAPCD | 01 | 1 | TLD | F1 | | 38B | | |
| 35576 | | XA241 | 78 | | | | | | | | | | SPI0211 | 05 | JXAR7D1 | 01 | 2 | TLD | F4 | | 38A | | |
| 35533 | | XA241 | 79 | | XA243 | 48 | | 16B | 9 | | | | JXAPCOX | 01 | JXAPCD | 01 | 2 | TLD | F1 | | 39B | | |
| 36919 | | XA241 | 80 | | XA347 | 05 | | 16B | 9 | | | | JXAR7D1 | 01 | JXAR7D1 | 00 | 1 | TLD | F4 | | 39A | | |
| 47856 | | XA242 | 01 | | | | | | | | | J | JXB3CDX | 01 | JXB3CDX | 00 | 1 | DCF | A7 | | 02A | TA038B BUSS | |
| 48113 | | XA242 | 01 | | XA346 | 43 | | 16B | 9 | | | P | JXB3CDX | 02 | TA038B | 02 | 1 | DCF | A7 | | 02A | | |
| 44526 | | XA242 | 02 | | | | | | | | | | GND | 01 | | | | DCF | | | 01A | | |
| 48424 | | XA242 | 02 | | XA142 | 02 | | 16B | 9 | | | | XAO3BR | 05 | | | | DCF | | | 01A | | |
| 45323 | | XA242 | 03 | | | | | | | | | | JXB3COX | 02 | JXB3COX | 00 | 1 | DCF | A8 | | 03A | | |
| 45822 | | XA242 | 04 | | XA243 | 04 | | 16B | 9 | | | | JXS034U | 03 | JXB3COX | 01 | 1 | DCF | A8 | | 04A | | |
| 44529 | | XA242 | 05 | | XA142 | 05 | | 16B | 9 | | | | XAO0BR | 05 | | | | DCF | | | | | |
| 45313 | | XA242 | 06 | | XA237 | 09 | | 16B | 9 | | | | JXB0EA | 03 | JXB0CDX | 01 | 1 | DCF | A1 | | 05A | | |
| 47845 | | XA242 | 06 | | | | | | | | | M | JXB0EA | 01 | JXB2CDX | 01 | 1 | DCF | A5 | | 05A | | |
| 47846 | | XA242 | 06 | | | | | | | | | M | JXB0EA | 01 | JXB1CDX | 01 | 1 | DCF | A3 | | 05A | | |
| CONNECTOR (XA242) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA242
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CFC5 DATE 09-03-82 PAGE 157

| RECORD NUMBER | FROM | | | TO | | | | WIRE | | | | SPEC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-----|--------|-----------|-----|------|-------------|------|-------|----------------|---------|--------|----------|------|--------|------------------|-------|---------------------|-------------|-----|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SHR | PREFIX | CONNECTOR | PIN | SHR | MULTI GROUP | CODE | COLOR | | | | | | | | | | IDENT | AND | | |
| 47847 | | XA242 | 06 | | | | | | | | | M | JXB0EA | 01 | JXB3CDX | 01 | 1 | DCF | A7 | | 05A | | | |
| 47844 | | XA242 | 07 | | | | | | | | | J | JXB0CDX | 01 | JXB0CDX | 00 | 1 | DCF | A1 | | 02B | | TA00BB BUSS | |
| 48107 | | XA242 | 07 | | XA346 | 46 | | | 16B | 9 | | P | JXB0CDX | 02 | TA00BB | 02 | 1 | DCF | A1 | | 02B | | | |
| 45817 | | XA242 | 08 | | XA236 | 61 | | | 16B | 9 | | | JXS033U | 02 | JXB2COX | 01 | 1 | DCF | A6 | | 06A | | | |
| 45310 | | XA242 | 09 | | | | | | | | | | JXB0COX | 02 | JXB0COX | 00 | 1 | DCF | A2 | | 03B | | | |
| 45320 | | XA242 | 10 | | | | | | | | | | JXB2COX | 02 | JXB2COX | 00 | 1 | DCF | A6 | | 07A | | | |
| 45809 | | XA242 | 11 | | XA236 | 55 | | | 16B | 9 | | | JXS031U | 02 | JXB0COX | 01 | 1 | DCF | A2 | | 04B | | | |
| 44099 | | XA242 | 12 | | | | | | | | | | +5V | 01 | | | | DCF | | | 08A | | | |
| 45813 | | XA242 | 13 | | XA236 | 59 | | | 16B | 9 | | | JXS032U | 02 | JXB1COX | 01 | 1 | DCF | A4 | | 05B | | | |
| 47855 | | XA242 | 14 | | | | | | | | | J | JXB2CDX | 01 | JXB2CDX | 00 | 1 | DCF | A5 | | 08B | | TA02BB BUSS | |
| 48111 | | XA242 | 14 | | XA346 | 60 | | | 16B | 9 | | P | JXB2CDX | 02 | TA02BB | 02 | 1 | DCF | A5 | | 08B | | | |
| 45317 | | XA242 | 15 | | | | | | | | | | JXB1COX | 02 | JXB1COX | 00 | 1 | DCF | A4 | | 06B | | | |
| 44530 | | XA242 | 16 | | | | | | | | | | GND | 01 | | | | DCF | | | | | | |
| 48420 | | XA242 | 16 | | XA142 | 16 | | | 16B | 9 | | | XA02BR | 05 | | | | DCF | | | | | | |
| 47854 | | XA242 | 17 | | | | | | | | | J | JXB1CDX | 01 | JXB1CDX | 00 | 1 | DCF | A3 | | 07B | | TA01BB BUSS | |
| 48108 | | XA242 | 17 | | XA346 | 55 | | | 16B | 9 | | P | JXB1CDX | 02 | TA01BB | 02 | 1 | DCF | A3 | | 07B | | | |
| 44226 | | XA242 | 18 | | | | | | | | | | DNW | 01 | | | | DCF | | | | | | |
| 44533 | | XA242 | 19 | | XA142 | 19 | | | 16B | 9 | | | XA01BR | 05 | | | | DCF | | | | | | |
| 44227 | | XA242 | 20 | | | | | | | | | | DNW | 01 | | | | DCF | | | | | | |
| 44537 | | XA242 | 21 | | XA142 | 21 | | | 16B | 9 | | | XA07BR | 05 | | | | DCF | | | | | | |
| 44228 | | XA242 | 22 | | | | | | | | | | DNW | 01 | | | | DCF | | | | | | |
| 47860 | | XA242 | 23 | | | | | | | | | J | JXB7CDX | 01 | JXB7CDX | 00 | 1 | DCF | B7 | | 10A | | TA07BB BUSS | |
| 48121 | | XA242 | 23 | | XA346 | 61 | | | 16B | 9 | | P | JXB7CDX | 02 | TA07BB | 02 | 1 | DCF | B7 | | 10A | | | |
| 44229 | | XA242 | 24 | | | | | | | | | | DNW | 01 | | | | DCF | | | | | | |
| 44534 | | XA242 | 25 | | XA142 | 25 | | | 16B | 9 | | | XA04BR | 05 | | | | DCF | | | | | | |
| 44230 | | XA242 | 26 | | | | | | | | | | DNW | 01 | | | | DCF | | | | | | |
| 47857 | | XA242 | 27 | | | | | | | | | J | JXB4CDX | 01 | JXB4CDX | 00 | 1 | DCF | B1 | | 10B | | TA04BB BUSS | |
| 48115 | | XA242 | 27 | | XA346 | 65 | | | 16B | 9 | | P | JXB4CDX | 02 | TA04BB | 02 | 1 | DCF | B1 | | 10B | | | |
| 44100 | | XA242 | 28 | | | | | | | | | | +5V | 01 | | | | DCF | | | 21B | | | |
| 45326 | | XA242 | 29 | | | | | | | | | | JXB4COX | 02 | JXB4COX | 00 | 1 | DCF | B2 | | 11B | | | |
| 45335 | | XA242 | 30 | | | | | | | | | | JXB7COX | 02 | JXB7COX | 00 | 1 | DCF | B8 | | 11A | | | |
| 45825 | | XA242 | 31 | | XA236 | 64 | | | 16B | 9 | | | JXS471U | 02 | JXB4COX | 01 | 1 | DCF | B2 | | 12B | | | |
| 44496 | | XA242 | 32 | | | | | | | | | | GND | 01 | | | | DCF | | | | | | |
| 45830 | | XA242 | 33 | | XA243 | 33 | | | 16B | 9 | | | JXS472U | 03 | JXB5COX | 01 | 1 | DCF | B4 | | 13B | | | |
| 45838 | | XA242 | 34 | | XA243 | 34 | | | 16B | 9 | | | JXS474U | 03 | JXB7COX | 01 | 1 | DCF | B8 | | 12A | | | |
| 45329 | | XA242 | 35 | | | | | | | | | | JXB5COX | 02 | JXB5COX | 00 | 1 | DCF | B4 | | 14B | | | |
| 45312 | | XA242 | 36 | | XA242 | 06 | | | 16B | 9 | | | JXB0EA | 02 | JXB4CDX | 01 | 1 | DCF | B1 | | 13A | | | |
| 47848 | | XA242 | 36 | | | | | | | | | M | JXB0EA | 01 | JXB7CDX | 01 | 1 | DCF | B7 | | 13A | | | |
| 47849 | | XA242 | 36 | | | | | | | | | M | JXB0EA | 01 | JXB5CDX | 01 | 1 | DCF | B3 | | 13A | | | |
| 47850 | | XA242 | 36 | | | | | | | | | M | JXB0EA | 01 | JXB6CDX | 01 | 1 | DCF | B5 | | 13A | | | |
| 47858 | | XA242 | 37 | | | | | | | | | J | JXB5COX | 01 | JXB5COX | 00 | 1 | DCF | B3 | | 15B | | TA05BB BUSS | |
| 48117 | | XA242 | 37 | | XA346 | 78 | | | 16B | 9 | | P | JXB5COX | 02 | TA05BB | 02 | 1 | DCF | B3 | | 15B | | | |
| 45833 | | XA242 | 38 | | XA236 | 60 | | | 16B | 9 | | | JXS473U | 02 | JXB6COX | 01 | 1 | DCF | B6 | | 14A | | | |
| 44538 | | XA242 | 39 | | XA142 | 39 | | | 16B | 9 | | | XA05BR | 05 | | | | DCF | | | | | | |
| 45332 | | XA242 | 40 | | | | | | | | | | JXB6COX | 02 | JXB6COX | 00 | 1 | DCF | B6 | | 15A | | | |
| 47859 | | XA242 | 41 | | | | | | | | | J | JXB6CDX | 01 | JXB6CDX | 00 | 1 | DCF | B5 | | 16A | | TA06BB BUSS | |
| 48119 | | XA242 | 41 | | XA346 | 80 | | | 16B | 9 | | P | JXB6CDX | 02 | TA06BB | 02 | 1 | DCF | B5 | | 16A | | | |
| 44541 | | XA242 | 42 | | XA142 | 42 | | | 16B | 9 | | | XA06BR | 05 | | | | DCF | | | 20B | | | |
| 47841 | | XA242 | 43 | | | | | | | | | J | JXBPCDX | 01 | JXBPCDX | 00 | 1 | DCF | C7 | | 25A | | TA0PBB BUSS | |
| 48105 | | XA242 | 43 | | XA346 | 01 | | | 16B | 9 | | P | JXBPCDX | 02 | TA0PBB | 02 | 1 | DCF | C7 | | 25A | | | |
| CONNECTOR (XA242) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA242
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 158

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|-----|-------|--------|-----------|-----|-------|------------|------|-------|-------|---------|--------|----------|------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH IC | PREFIX | CONNECTOR | PIN | SH IC | MULT GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 44545 | | XA242 | 44 | | | | | | | | | | GND | 02 | | | | DCF | | | | | |
| 48413 | | XA242 | 44 | | XA 142 | 44 | | | 16B | 9 | | | XAOBPR | 05 | | | | DCF | | | | | |
| 44542 | | XA242 | 45 | | XA 142 | 45 | | | 16B | 9 | | | XACMBR | 03 | | | | DCF | | | | | |
| 47837 | | XA242 | 46 | | | | | | | | | J | JXBCMDX | 01 | JXBCMDX | 00 1 | DCF | C1 | | | 27A | TACMBB BUSS | |
| 48100 | | XA242 | 46 | | XA 346 | 07 | | | 16B | 9 | | P | JXBCMDX | 02 | TACMBB | 02 1 | DCF | C1 | | | 25B | | |
| 45265 | | XA242 | 47 | | | | | | | | | | JXBCMOX | 03 | JXBCMOX | 00 1 | DCF | C2 | | | 26B | | |
| 45288 | | XA242 | 48 | | | | | | | | | | JXBPCOX | 02 | JXBPCOX | 00 1 | DCF | C8 | | | 26A | | |
| 45516 | | XA242 | 49 | | XA 243 | 49 | | | 16B | 9 | | | JXGN1A | 03 | JXBCMOX | 01 1 | DCF | C2 | | | 27B | | |
| 45457 | | XA242 | 50 | | XA 236 | 68 | | | 16B | 9 | | | JXDSBPR | 02 | JXBPCOX | 01 1 | DCF | C8 | | | 28A | | |
| 45515 | | XA242 | 51 | | XA 242 | 49 | | | 16B | 9 | | | JXGN1A | 02 | JXBENOX | 01 1 | DCF | C4 | | | 28B | | |
| 45311 | | XA242 | 52 | | XA 242 | 36 | | | 16B | 9 | | | JXBOEA | 01 | JXBCMDX | 01 1 | DCF | C1 | | | 29A | | |
| 47851 | | XA242 | 52 | | | | | | | | | M | JXBOEA | 01 | JXBINDX | 01 1 | DCF | C5 | | | 29A | | |
| 47852 | | XA242 | 52 | | | | | | | | | M | JXBOEA | 01 | JXBPCDX | 01 1 | DCF | C7 | | | 29A | | |
| 47853 | | XA242 | 52 | | | | | | | | | M | JXBOEA | 01 | JXBENDX | 01 1 | DCF | C3 | | | 29A | | |
| 44546 | | XA242 | 53 | | XA 142 | 53 | | | 16B | 9 | | | XAENBR | 05 | | | | DCF | | | | | |
| 45419 | | XA242 | 54 | | XA 232 | 63 | | | 16B | 9 | | | JXDBTO | 02 | JXBINOX | 01 1 | DCF | C6 | | | 30A | | |
| 47838 | | XA242 | 55 | | | | | | | | | J | JXBENDX | 01 | JXBENDX | 00 1 | DCF | C3 | | | 30B | TAENBB BUSS | |
| 48102 | | XA242 | 55 | | XA 346 | 17 | | | 16B | 9 | | P | JXBENDX | 02 | TAENBB | 02 1 | DCF | C3 | | | 30B | | |
| 45269 | | XA242 | 56 | | | | | | | | | | JXBENOX | 03 | JXBENOX | 00 1 | DCF | C4 | | | 29B | | |
| 47840 | | XA242 | 57 | | | | | | | | | M | JXBINOX | 01 | JXBINOX | 00 1 | DCF | C6 | | | 31A | | |
| 44549 | | XA242 | 58 | | | | | | | | | | GND | 01 | | | | DCF | | | | | |
| 48406 | | XA242 | 58 | | XA 142 | 58 | | | 16B | 9 | | | XAINBR | 05 | | | | DCF | | | | | |
| 44550 | | XA242 | 59 | | | | | | | | | | SPF | 01 | | | | DCF | | | | | |
| 47839 | | XA242 | 60 | | | | | | | | | J | JXBINDX | 01 | JXBINDX | 00 1 | DCF | C5 | | | 31B | TAINBB BUSS | |
| 48103 | | XA242 | 60 | | XA 346 | 14 | | | 16B | 9 | | P | JXBINDX | 02 | TAINBB | 02 1 | DCF | C5 | | | 31B | | |
| 47786 | | XA242 | 61 | | | | | | | | | | SPO | 01 | | | | DCF | | | 33A | | |
| 44231 | | XA242 | 62 | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 44232 | | XA242 | 63 | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 44233 | | XA242 | 64 | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 45192 | | XA242 | 65 | | XA 348 | 33 | | | 16B | 9 | | | JXASLDX | 02 | JXASLDX | 00 1 | DCF | D1 | | | 32B | | |
| 44234 | | XA242 | 66 | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 44552 | | XA242 | 67 | | | | | | | | | | GND | 01 | | | | DCF | | | | | |
| 48082 | | XA242 | 67 | | XA 351 | 30 | | | 16B | 9 | | | JXASLBG | 01 | | | | DCF | | | | | |
| 47787 | | XA242 | 68 | | | | | | | | | | SPO | 01 | | | | DCF | | | | | |
| 45194 | | XA242 | 69 | | XA 237 | 61 | | | 16B | 9 | | | JXASLOX | 02 | JXASLOX | 00 1 | DCF | D2 | | | 34A | | |
| 46292 | | XA242 | 70 | | XA 216 | 03 | | | 16B | 9 | | | SPI0072 | 02 | | | | DCF | | | 33B | | |
| 46535 | | XA242 | 71 | | XA 244 | 76 | | | 16B | 9 | | | SPI0192 | 21 | JXASLOX | 01 1 | DCF | D2 | | | 35A | | |
| 46573 | | XA242 | 72 | | | | | | 16B | 9 | | | SPI0212 | 02 | JXASLDX | 01 1 | DCF | D1 | | | 34B | | |
| 47894 | | XA242 | 72 | | | | | | | | | M | SPI0212 | 01 | JXPRSDX | 01 1 | DCF | D5 | | | 36A | | |
| 47895 | | XA242 | 72 | | | | | | | | | M | SPI0212 | 01 | JXBSDLX | 01 1 | DCF | D3 | | | 36A | | |
| 46242 | | XA242 | 73 | | XA 234 | 43 | | | 16B | 9 | | | SPI0042 | 04 | JXBSDLX | 01 1 | DCF | D4 | | | 36A | | |
| 46280 | | XA242 | 74 | | XA 216 | 05 | | | 16B | 9 | | | SPI0062 | 02 | JXBSLOX | 01 1 | DCF | D6 | | | 35B | | |
| 45304 | | XA242 | 75 | | XA 243 | 73 | | | 16B | 9 | | | JXBSDLX | 06 | JXBSLOX | 00 1 | DCF | D4 | | | 37A | | |
| 45581 | | XA242 | 76 | | | | | | | | | | JXPRSOX | 02 | JXPRSOX | 00 1 | DCF | D6 | | | 36B | | |
| 44555 | | XA242 | 77 | | XA 351 | 34 | | | 16B | 9 | | | JXBSDLX | 01 | | | | DCF | | | | | |
| 45298 | | XA242 | 78 | | XA 348 | 36 | | | 16B | 9 | | | JXBSDLX | 02 | JXBSDLX | 00 1 | DCF | D3 | | | 37B | | |
| 44556 | | XA242 | 79 | | XA 351 | 40 | | | 16B | 9 | | | JXPRSBG | 01 | | | | DCF | | | 40B | | |
| 45578 | | XA242 | 80 | | | | | | | | | | JXPRSDX | 01 | JXPRSDX | 00 1 | DCF | D5 | | | 38B | | A03 |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA243
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 159

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SPEC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO | |
|---|--------|-----------|-----|-------|--------|-----------|------|-------|-------------|------|----------------|--------|---------|----------|---------|--------|------------------|-------|---------------------|--------------------|--------------------|-------------|-------|
| | PREFIX | CONNECTOR | PIN | SH FC | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | | | | | | | | | | | | | COLOR |
| 47832 | | XA243 | 01 | | | | | | | | | J | JXA3CDX | 01 | JXA3CDX | 00 | 1 | DCF | A7 | | 02A | TA03AB BUSS | |
| 48090 | | XA243 | 01 | | XA345 | 43 | | | 16B | 9 | | P | JXA3CDX | 02 | TA03AB | 02 | 1 | DCF | A7 | | 02A | | |
| 44527 | | XA243 | 02 | | | | | | | | | | GND | 02 | | | | DCF | | | 01A | | |
| 48422 | | XA243 | 02 | | XA143 | 02 | | | 16B | 9 | | | XA03AR | 05 | | | | DCF | | | 01A | | |
| 45233 | | XA243 | 03 | | | | | | | | | | JXA3COX | 02 | JXA3COX | 00 | 1 | DCF | A8 | | 03A | | |
| 45823 | | XA243 | 04 | | | | | | | | | | JXS034U | 04 | JXA3COX | 01 | 1 | DCF | A8 | | 04A | | |
| 44528 | | XA243 | 05 | | XA143 | 05 | | | 16B | 9 | | | XA00AR | 05 | | | | DCF | | | | | |
| 45211 | | XA243 | 06 | | XA237 | 11 | | | 16B | 9 | | | JXA0EA | 03 | JXA0CDX | 01 | 1 | DCF | A1 | | 05A | | |
| 47821 | | XA243 | 06 | | | | | | | | | M | JXA0EA | 01 | JXA3CDX | 01 | 1 | DCF | A7 | | 05A | | |
| 47822 | | XA243 | 06 | | | | | | | | | M | JXA0EA | 01 | JXA1CDX | 01 | 1 | DCF | A3 | | 05A | | |
| 47823 | | XA243 | 06 | | | | | | | | | M | JXA0EA | 01 | JXA2CDX | 01 | 1 | DCF | A5 | | 05A | | |
| 47820 | | XA243 | 07 | | | | | | | | | J | JXA0CDX | 01 | JXA0CDX | 00 | 1 | DCF | A1 | | 02B | TA00AB BUSS | |
| 48084 | | XA243 | 07 | | XA345 | 46 | | | 16B | 9 | | P | JXA0COX | 02 | TA00AB | 02 | 1 | DCF | A1 | | 02B | | |
| 45816 | | XA243 | 08 | | XA242 | 08 | | | 16B | 9 | | | JXS033U | 01 | JXA2COX | 01 | 1 | DCF | A6 | | 06A | | |
| 45208 | | XA243 | 09 | | | | | | | | | | JXA0COX | 02 | JXA0COX | 00 | 1 | DCF | A2 | | 03B | | |
| 45226 | | XA243 | 10 | | | | | | | | | | JXA2COX | 02 | JXA2COX | 00 | 1 | DCF | A6 | | 07A | | |
| 45808 | | XA243 | 11 | | XA242 | 11 | | | 16B | 9 | | | JXS031U | 01 | JXA0COX | 01 | 1 | DCF | A2 | | 04B | | |
| 44101 | | XA243 | 12 | | | | | | | | | | +5V | 01 | | | | DCF | | | 08A | | |
| 45812 | | XA243 | 13 | | XA242 | 13 | | | 16B | 9 | | | JXS032U | 01 | JXA1COX | 01 | 1 | DCF | A4 | | 05B | | |
| 47831 | | XA243 | 14 | | | | | | | | | J | JXA2CDX | 01 | JXA2CDX | 00 | 1 | DCF | A5 | | 08B | TA02AB BUSS | |
| 48088 | | XA243 | 14 | | XA345 | 60 | | | 16B | 9 | | P | JXA20DX | 02 | TA02AB | 02 | 1 | DCF | A5 | | 08B | | |
| 45219 | | XA243 | 15 | | | | | | | | | | JXA1COX | 02 | JXA1COX | 00 | 1 | DCF | A4 | | 06B | | |
| 44531 | | XA243 | 16 | | | | | | | | | | GND | 02 | | | | DCF | | | | | |
| 48417 | | XA243 | 16 | | XA143 | 16 | | | 16B | 9 | | | XA02AR | 05 | | | | DCF | | | | | |
| 47830 | | XA243 | 17 | | | | | | | | | J | JXA1CDX | 01 | JXA1CDX | 00 | 1 | DCF | A3 | | 07B | TA01AB BUSS | |
| 48085 | | XA243 | 17 | | XA345 | 55 | | | 16B | 9 | | P | JXA1CDX | 02 | TA01AB | 02 | 1 | DCF | A3 | | 07B | | |
| 44235 | | XA243 | 18 | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 44532 | | XA243 | 19 | | XA143 | 19 | | | 16B | 9 | | | XA01AR | 05 | | | | DCF | | | | | |
| 44236 | | XA243 | 20 | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 44536 | | XA243 | 21 | | XA143 | 21 | | | 16B | 9 | | | XA07AR | 05 | | | | DCF | | | | | |
| 44237 | | XA243 | 22 | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 47836 | | XA243 | 23 | | | | | | | | | J | JXA7CDX | 01 | JXA7CDX | 00 | 1 | DCF | B7 | | 10A | TA07AB BUSS | |
| 48098 | | XA243 | 23 | | XA345 | 61 | | | 16B | 9 | | P | JXA7CDX | 02 | TA07AB | 02 | 1 | DCF | B7 | | 10A | | |
| 44238 | | XA243 | 24 | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 44535 | | XA243 | 25 | | XA143 | 25 | | | 16B | 9 | | | XA04AR | 05 | | | | DCF | | | | | |
| 44239 | | XA243 | 26 | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 47833 | | XA243 | 27 | | | | | | | | | J | JXA4CDX | 01 | JXA4CDX | 00 | 1 | DCF | B1 | | 10B | TA04AB BUSS | |
| 48092 | | XA243 | 27 | | XA345 | 65 | | | 16B | 9 | | P | JXA4CDX | 02 | TA04AB | 02 | 1 | DCF | B1 | | 10B | | |
| 44102 | | XA243 | 28 | | | | | | | | | | +5V | 01 | | | | DCF | | | 21B | | |
| 45240 | | XA243 | 29 | | | | | | | | | | JXA4COX | 02 | JXA4COX | 00 | 1 | DCF | B2 | | 11B | | |
| 45261 | | XA243 | 30 | | | | | | | | | | JXA7COX | 02 | JXA7COX | 00 | 1 | DCF | B8 | | 11A | | |
| 45824 | | XA243 | 31 | | XA242 | 31 | | | 16B | 9 | | | JXS471U | 01 | JXA4COX | 01 | 1 | DCF | B2 | | 12B | | |
| 44497 | | XA243 | 32 | | | | | | | | | | GND | 01 | | | | DCF | | | | | |
| 45831 | | XA243 | 33 | | | | | | | | | | JXS472U | 04 | JXA5COX | 01 | 1 | DCF | B4 | | 13B | | |
| 45839 | | XA243 | 34 | | | | | | | | | | JXS474U | 04 | JXA7COX | 01 | 1 | DCF | B8 | | 12A | | |
| 45247 | | XA243 | 35 | | | | | | | | | | JXA5COX | 02 | JXA5COX | 00 | 1 | DCF | B4 | | 14B | | |
| 45210 | | XA243 | 36 | | XA243 | 06 | | | 16B | 9 | | | JXA0EA | 02 | JXA4CDX | 01 | 1 | DCF | B1 | | 13A | | |
| 47824 | | XA243 | 36 | | | | | | | | | M | JXA0EA | 01 | JXA6CDX | 01 | 1 | DCF | B5 | | 13A | | |
| 47825 | | XA243 | 36 | | | | | | | | | M | JXA0EA | 01 | JXA5CDX | 01 | 1 | DCF | B3 | | 13A | | |
| 47826 | | XA243 | 36 | | | | | | | | | M | JXA0EA | 01 | JXA7CDX | 01 | 1 | DCF | B7 | | 13A | | |
| CONNECTOR XA243 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA243
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CFC5 DATE 09-03-82 PAGE 160

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SPEC INET | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|---------------------------------|-----|-------|-------------|------|-------|------|-----|-----------|----------|--------|----------|------|------|------------------|-------|---------------------|-------------|--|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PIN | PIN | MULTI GROUP | CODE | COLOR | IDEN | AND | | | | | | | | | | OR | | | |
| 47834 | | XA243 | 37 | | | | | | | | J | JXA5CDX | 01 | JXA5CDX | 00 | 1 | DCF | B3 | | 15B | | TA05AB BUSS | |
| 48094 | | XA243 | 37 | | XA345 | 78 | | 16B | 9 | | P | JXA5CDX | 02 | TA05AB | 02 | 1 | DCF | B3 | | 15B | | | |
| 45832 | | XA243 | 38 | | XA242 | 38 | | 16B | 9 | | | JXS473U | 01 | JXA6COX | 01 | 1 | DCF | B6 | | 14A | | | |
| 44539 | | XA243 | 39 | | XA143 | 39 | | 16B | 9 | | | XA05AR | 05 | | | | DCF | | | | | | |
| 45254 | | XA243 | 40 | | | | | | | | J | JXA6COX | 02 | JXA6COX | 00 | 1 | DCF | B6 | | 15A | | | |
| 47835 | | XA243 | 41 | | | | | | | | | JXA6CDX | 01 | JXA6CDX | 00 | 1 | DCF | B5 | | 16A | | TA06AB BUSS | |
| 48096 | | XA243 | 41 | | XA345 | 80 | | 16B | 9 | | P | JXA6CDX | 02 | TA06AB | 02 | 1 | DCF | B5 | | 16A | | | |
| 44540 | | XA243 | 42 | | XA143 | 42 | | 16B | 9 | | | XA06AR | 05 | | | | DCF | | | 20B | | | |
| 47817 | | XA243 | 43 | | | | | | | | J | JXAPCDX | 01 | JXAPCDX | 00 | 1 | DCF | C7 | | 25A | | TA0PAB BUSS | |
| 48081 | | XA243 | 43 | | XA345 | 01 | | 16B | 9 | | P | JXAPCDX | 02 | TA0PAB | 02 | 1 | DCF | C7 | | 25A | | | |
| 44544 | | XA243 | 44 | | | | | | | | | GND | 01 | | | | DCF | | | | | | |
| 48410 | | XA243 | 44 | | XA143 | 44 | | 16B | 9 | | | XAOPAR | 05 | | | | DCF | | | | | | |
| 44543 | | XA243 | 45 | | XA143 | 45 | | 16B | 9 | | | XACMAR | 05 | | | | DCF | | | 27A | | | |
| 47813 | | XA243 | 46 | | | | | | | | J | JXACMDX | 01 | JXACMDX | 00 | 1 | DCF | C1 | | 25B | | TACMAB BUSS | |
| 48076 | | XA243 | 46 | | XA345 | 07 | | 16B | 9 | | P | JXACMDX | 02 | TACMAB | 02 | 1 | DCF | C1 | | 25B | | | |
| 45151 | | XA243 | 47 | | | | | | | | | JXACMOX | 03 | JXACMOX | 00 | 1 | DCF | C2 | | 26B | | | |
| 45182 | | XA243 | 48 | | | | | | | | | JXAPCOX | 02 | JXAPCOX | 00 | 1 | DCF | C8 | | 26A | | | |
| 45517 | | XA243 | 49 | | XA243 | 51 | | 16B | 9 | | | JXGN1A | 04 | JXACMOX | 01 | 1 | DCF | C2 | | 27B | | | |
| 45456 | | XA243 | 50 | | XA242 | 50 | | 16B | 9 | | | JXDSBPR | 01 | JXAPCOX | 01 | 1 | DCF | C8 | | 28A | | | |
| 45518 | | XA243 | 51 | | XA243 | 72 | | 16B | 9 | | | JXGN1A | 05 | JXAENOX | 01 | 1 | DCF | C4 | | 28B | | | |
| 45209 | | XA243 | 52 | | XA243 | 36 | | 16B | 9 | | | JXAOEA | 01 | JXACMDX | 01 | 1 | DCF | C1 | | 29A | | | |
| 47827 | | XA243 | 52 | | | | | | | | M | JXAOEA | 01 | JXAPCDX | 01 | 1 | DCF | C7 | | 29A | | | |
| 47828 | | XA243 | 52 | | | | | | | | M | JXAOEA | 01 | JXAINDX | 01 | 1 | DCF | C5 | | 29A | | | |
| 47829 | | XA243 | 52 | | | | | | | | M | JXAOEA | 01 | JXAENDX | 01 | 1 | DCF | C3 | | 29A | | | |
| 44547 | | XA243 | 53 | | XA143 | 53 | | 16B | 9 | | | XAENAR | 05 | | | | DCF | | | | | | |
| 45418 | | XA243 | 54 | | XA242 | 54 | | 16B | 9 | | | JXDBIO | 01 | JXAINOX | 01 | 1 | DCF | C6 | | 30A | | | |
| 47814 | | XA243 | 55 | | | | | | | | | | | | | | DCF | | | | | | |
| 48078 | | XA243 | 55 | | XA345 | 17 | | 16B | 9 | | J | JXAENDX | 01 | JXAENDX | 00 | 1 | DCF | C3 | | 30B | | TAENAB BUSS | |
| 45159 | | XA243 | 56 | | | | | | | | P | JXAENDX | 02 | TAENAB | 02 | 1 | DCF | C3 | | 30B | | | |
| 47816 | | XA243 | 57 | | | | | | | | M | JXAENOX | 03 | JXAENOX | 00 | 1 | DCF | C4 | | 29B | | | |
| 44548 | | XA243 | 58 | | | | | | | | | JXAINOX | 01 | JXAINOX | 00 | 1 | DCF | C6 | | 31A | | | |
| 48431 | | XA243 | 58 | | XA143 | 58 | | 16B | 9 | | | GND | 01 | | | | DCF | | | | | | |
| 44551 | | XA243 | 59 | | XA351 | 74 | | 16B | 9 | | | XAINAR | 05 | | | | DCF | | | | | | |
| 47815 | | XA243 | 60 | | | | | | | | | JPOUTDXG | 01 | | | | DCF | | | | | | |
| 48079 | | XA243 | 60 | | XA345 | 14 | | 16B | 9 | | J | JXAINDX | 01 | JXAINDX | 00 | 1 | DCF | C5 | | 31B | | TAINAB BUSS | |
| 45089 | | XA243 | 61 | | XA244 | 35 | | 16B | 9 | | P | JXAINDX | 02 | TAINAB | 02 | 1 | DCF | C5 | | 31B | | | |
| 44240 | | XA243 | 62 | | | | | | | | | JPOUTDX4 | 01 | JPOUTDX4 | 400 | 1 | DCF | D7 | | 33A | | OUTPUT DATA TO ITC | |
| 44241 | | XA243 | 63 | | | | | | | | | DNW | 01 | | | | DCF | | | | | | |
| 44242 | | XA243 | 64 | | | | | | | | | DNW | 01 | | | | DCF | | | | | | |
| 45201 | | XA243 | 65 | | XA348 | 25 | | 16B | 9 | | | DNW | 01 | | | | DCF | | | | | | |
| 44243 | | XA243 | 66 | | | | | | | | | JXASTDX4 | 02 | JXASTDX4 | 400 | 1 | DCF | D1 | | 32B | | | |
| 44553 | | XA243 | 67 | | | | | | | | | DNW | 01 | | | | DCF | | | | | | |
| 48430 | | XA243 | 67 | | XA351 | 36 | | 16B | 9 | | | GND | 01 | | | | DCF | | | | | | |
| 47812 | | XA243 | 68 | | | | | | | | M | JXASTBG | 01 | | | | DCF | | | | | | |
| 47819 | | XA243 | 69 | | | | | | | | M | JPOUTOX | 01 | JPOUTOX | 00 | 1 | DCF | D8 | | 34A | | | |
| 45091 | | XA243 | 70 | | XA218 | 25 | | 16B | 9 | | | JXASTOX | 01 | JXASTOX | 00 | 1 | DCF | D2 | | 33B | | | |
| 45193 | | XA243 | 71 | | XA242 | 69 | | 16B | 9 | | | JPOUTQ | 01 | JPOUTOX | 01 | 1 | DCF | D8 | | 35A | | | |
| 45519 | | XA243 | 72 | | XA234 | 80 | | 16B | 9 | | | JXASLOX | 01 | JXASTOX | 01 | 1 | DCF | D2 | | 34B | | | |
| 47863 | | XA243 | 72 | | | | | | | | M | JXGN1A | 06 | JXASTDX4 | 01 | 1 | DCF | D1 | | 36A | | | |
| 47864 | | XA243 | 72 | | | | | | | | M | JXGN1A | 01 | JEYINDX | 01 | 1 | DCF | D5 | | 36A | | | |
| | | | | | | | | | | | M | JXGN1A | 01 | JXBSTDX4 | 401 | 1 | DCF | D3 | | 36A | | | |
| CONNECTOR | | XA243 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA243
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 161

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---------------|-----------|-----------|---------------------------------|--------|--------|-----------|-----|--------|-------------|------|-------|-------|--------|----------|----------|---------|------|------------------|-------|---------------------|-------------|-----|-----------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH. FC | PREFIX | CONNECTOR | PIN | SH. FC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | AND | OR | | |
| 47865 | | XA243 | 72 | | | | | | | | | | M | JXGN1A | 01 | JPOUTDX | 01 | 1 | DCF | D7 | | 36A | | |
| 45305 | | XA243 | 73 | | | | | | | | | | M | JXBSTOX | 07 | JXBSTOX | 01 | 1 | DCF | D4 | | 35B | | |
| 45535 | | XA243 | 74 | | | | | | | | | | M | JXGN2A | 10 | JEYINOX | 01 | 1 | DCF | D6 | | 37A | | |
| 47843 | | XA243 | 75 | | | | | | | | | | M | JXBSTOX | 01 | JXBSTOX | 00 | 1 | DCF | D4 | | 36B | | |
| 44832 | | XA243 | 76 | | XA238 | 17 | | | 16B | 9 | | | | JEYINOX | 01 | JEYINOX | 00 | 1 | DCF | D6 | | 38A | | |
| 44554 | | XA243 | 77 | | XA351 | 38 | | | 16B | 9 | | | | JXBSTRG | 01 | | | | DCF | | | | | |
| 45307 | | XA243 | 78 | | XA348 | 29 | | | 16B | 9 | | | | JXBSTD4 | 02 | JXBSTD4 | 400 | 1 | DCF | D3 | | 37B | | |
| 44557 | | XA243 | 79 | | XA351 | 72 | | | 16B | 9 | | | | JEYINDXG | 01 | | | | DCF | | | 40B | | |
| 44828 | | XA243 | 80 | | XA348 | 47 | | | 16B | 9 | | | | JEYINDX | 01 | JEYINDX | 00 | 1 | DCF | D5 | | 38B | KEYBOARD INPUT DATA03 | |
| 44244 | | XA244 | 01 | | | | | | | | | | | DNW | 01 | | | | RR4 | | | | | |
| 44498 | | XA244 | 02 | | | | | | | | | | | GND | 01 | | | | RR4 | | | | | |
| 65025 | | XA244 | 02 | | XA244 | 06 | | | 16B | 9 | | | | G24402 | 08 | | | | RR4 | | | | | A03 |
| 44015 | | XA244 | 03 | | XA244 | 04 | | | 16B | 9 | | | | +05RES | 16F | | | | RR4 | AP | | | | |
| 44016 | | XA244 | 04 | | XA244 | 13 | | | 16B | 9 | | | | +05RES | 17 | | | | RR4 | AP | | | | |
| 45223 | | XA244 | 05 | | | | | | | | | | | JXA2CB4 | 04 | | | | RR4 | A3 | | | | |
| 44565 | | XA244 | 06 | | XA244 | 18 | | | 16B | 9 | | | | G24402 | 09 | | | | RR4 | AC | | | | A03 |
| 45227 | | XA244 | 07 | | | | | | 16B | 9 | | | | JXA3CB4 | 04 | | | | RR4 | A4 | | | | |
| 45205 | | XA244 | 08 | | | | | | | | | | | JXA0CB4 | 04 | | | | RR4 | A1 | | | | |
| 45234 | | XA244 | 09 | | | | | | 16B | 9 | | | | JXA4CB4 | 04 | | | | RR4 | A5 | | | | |
| 45213 | | XA244 | 10 | | | | | | 16B | 9 | | | | JXA1CB4 | 04 | | | | RR4 | A2 | | | | |
| 44245 | | XA244 | 11 | | | | | | | | | | | DNW | 01 | | | | RR4 | | | | | |
| 44103 | | XA244 | 12 | | | | | | | | | | | +5V | 01 | | | | RR4 | | | | | |
| 44014 | | XA244 | 13 | | XA244 | 14 | | | 16B | 9 | | | | +05RES | 18 | | | | RR4 | BP | | | | |
| 44013 | | XA244 | 14 | | XA244 | 22 | | | 16B | 9 | | | | +05RES | 19 | | | | RR4 | BP | | | | |
| 44824 | | XA244 | 15 | | | | | | | | | | | DNW | 01 | | | | RR4 | | | | KEYWAY | A06 |
| 44825 | | XA244 | 16 | | | | | | | | | | | DNW | 01 | | | | RR4 | | | | KEYWAY | A06 |
| 45147 | | XA244 | 17 | | | | | | | | | | | JXACMB4 | 04 | | | | RR4 | B4 | | | | |
| 44564 | | XA244 | 18 | | XA244 | 30 | | | 16B | 9 | | | | G24402 | 10 | | | | RR4 | BC | | | | A03 |
| 45155 | | XA244 | 19 | | | | | | | | | | | JXAENB4 | 04 | | | | RR4 | B5 | | | | |
| 45241 | | XA244 | 20 | | | | | | 16B | 9 | | | | JXA5CB4 | 04 | | | | RR4 | B1 | | | | |
| 44011 | | XA244 | 21 | | XA244 | 33 | | | 16B | 9 | | | | +05RES | 21 | | | | RR4 | CP | | | | |
| 44012 | | XA244 | 22 | | XA244 | 21 | | | 16B | 9 | | | | +05RES | 20 | | | | RR4 | CP | | | | |
| 45191 | | XA244 | 23 | | XA348 | 35 | | | 16B | 9 | | | | JXASLB4 | 00 | | | | RR4 | C3 | | | | A03 |
| 45258 | | XA244 | 24 | | | | | | | | | | | JXA7CB4 | 04 | | | | RR4 | R3 | | | | |
| 45306 | | XA244 | 25 | | XA243 | 78 | | | 16B | 9 | | | | JXBSTD4 | 01 | | | | RR4 | C4 | | | | |
| 45248 | | XA244 | 26 | | | | | | 16B | 9 | | | | JXA6CB4 | 04 | | | | RR4 | B2 | | | | |
| 44246 | | XA244 | 27 | | | | | | | | | | | DNW | 01 | | | | RR4 | | | | | |
| 44104 | | XA244 | 28 | | | | | | | | | | | +5V | 01 | | | | RR4 | | | | | |
| 45297 | | XA244 | 29 | | XA348 | 38 | | | 16B | 9 | | | | JXBSLB4 | 00 | | | | RR4 | C5 | | | | A03 |
| 44563 | | XA244 | 30 | | XA244 | 40 | | | 16B | 9 | | | | G24402 | 11 | | | | RR4 | CC | | | | A03 |
| 44247 | | XA244 | 31 | | | | | | | | | | | DNW | 01 | | | | RR4 | | | | | |
| 44499 | | XA244 | 32 | | | | | | | | | | | GND | 01 | | | | RR4 | | | | | |
| 65026 | | XA244 | 32 | | | | | | | | | | | G24402 | 13 | | | | RR4 | | | | | A03 |
| 44010 | | XA244 | 33 | | XA244 | 34 | | | 16B | 9 | | | | +05RES | 22 | | | | RR4 | DP | | | | |
| 44009 | | XA244 | 34 | | XA244 | 50 | | | 16B | 9 | | | | +05RES | 23 | | | | RR4 | DP | | | | |
| 45090 | | XA244 | 35 | | | | | | | | | | | JPOUTDX4 | 02 | | | | RR4 | D3 | | | | |
| 45176 | | XA244 | 36 | | | | | | 16B | 9 | | | | JXAPCB4 | 04 | | | | RR4 | C1 | | | | |
| 46175 | | XA244 | 37 | | | | | | | | | | | SPI0012 | 37 | | | | RR4 | D4 | | | | |
| | CONNECTOR | XA244 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA244
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 162

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|------|-------|-------|----------|--------|----------|-------------|------------------|-------|---------------------|-------------|--------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | CODE | COLOR | IDENT | | | | | | | | AND | OR | | |
| 45200 | XA244 | 38 | | XA243 | 65 | | 16B | 9 | | JXASTDX4 | 01 | | | RR4 | C2 | | | | | |
| 46176 | XA244 | 39 | | XA220 | 25 | | 16B | 9 | | SPI0022 | 01 | | | RR4 | D5 | | | | | |
| 44562 | XA244 | 40 | | XA244 | 32 | | 16B | 9 | | G24402 | 12 | | | RR4 | DC | | | | | A03 |
| 46291 | XA244 | 41 | | XA242 | 70 | | 16B | 9 | | SPI0072 | 01 | | | RR4 | E5 | | | | | |
| 45579 | XA244 | 42 | | XA348 | 34 | | 16B | 9 | | JXPRSB4 | 00 | | | RR4 | D1 | | | | | A03 |
| 44248 | XA244 | 43 | | | | | | | | DNW | 01 | | | RR4 | | | | | | |
| 44500 | XA244 | 44 | | | | | | | | GND | 01 | | | RR4 | | | | | | |
| 65027 | XA244 | 44 | | XA244 | 54 | | 16B | 9 | | G24444 | 12 | | | RR4 | | | | | | A03 |
| 46279 | XA244 | 45 | | XA242 | 74 | | 16B | 9 | | SPI0062 | 01 | | | RR4 | E4 | | | | | |
| 44829 | XA244 | 46 | | XA348 | 49 | | 16B | 9 | | JEYINB4 | 01 | | | RR4 | D2 | | | | | A03 |
| 46264 | XA244 | 47 | | XA234 | 41 | | 16B | 9 | | SPI0052 | 01 | | | RR4 | E3 | | | | | |
| 46241 | XA244 | 48 | | XA242 | 73 | | 16B | 9 | | SPI0042 | 03 | | | RR4 | E2 | | | | | |
| 44007 | XA244 | 49 | | XA244 | 59 | | 16B | 9 | | +05RES | 25 | | | RR4 | EP | | | | | |
| 44008 | XA244 | 50 | | XA244 | 49 | | 16B | 9 | | +05RES | 24 | | | RR4 | EP | | | | | |
| 46325 | XA244 | 51 | | XA216 | 24 | | 16B | 9 | | SPI0122 | 01 | | | RR4 | F5 | | | | | |
| 46238 | XA244 | 52 | | | | | | | | SPI0032 | 32 | | | RR4 | E1 | | | | | |
| 46324 | XA244 | 53 | | | | | | | | SPI0112 | 03 | | | RR4 | F4 | | | | | |
| 44561 | XA244 | 54 | | XA244 | 64 | | 16B | 9 | | G24444 | 13 | | | RR4 | FC | | | | | A03 |
| 46319 | XA244 | 55 | | XA216 | 30 | | 16B | 9 | | SPI0102 | 01 | | | RR4 | F3 | | | | | |
| 46312 | XA244 | 56 | | XA216 | 10 | | 16B | 9 | | SPI0092 | 01 | | | RR4 | F2 | | | | | |
| 44826 | XA244 | 57 | | | | | | | | DNW | 01 | | | RR4 | | | | KEYWAY | | A03 |
| 44827 | XA244 | 58 | | | | | | | | DNW | 01 | | | RR4 | | | | KEYWAY | | A03 |
| 44006 | XA244 | 59 | | XA244 | 60 | | 16B | 9 | | +05RES | 26 | | | RR4 | FP | | | | | |
| 44005 | XA244 | 60 | | XA244 | 70 | | 16B | 9 | | +05RES | 27 | | | RR4 | FP | | | | | |
| 46478 | XA244 | 61 | | | | | | | | SPI0172 | 10 | | | RR4 | G5 | | | | | |
| 46311 | XA244 | 62 | | | | | | | | SPI0082 | 10 | | | RR4 | F1 | | | | | |
| 46468 | XA244 | 63 | | | | | | | | SPI0162 | 36 | | | RR4 | G4 | | | | | |
| 44560 | XA244 | 64 | | XA244 | 74 | | 16B | 9 | | G24444 | 14 | | | RR4 | FC | | | | | A03 |
| 46432 | XA244 | 65 | | | | | | | | SPI0152 | 34 | | | RR4 | G3 | | | | | |
| 46398 | XA244 | 66 | | | | | | | | SPI0142 | 37 | | | RR4 | G2 | | | | | |
| 44501 | XA244 | 67 | | | | | | | | GND | 01 | | | RR4 | | | | | | |
| 65028 | XA244 | 67 | | | | | | | | G24444 | 17 | | | RR4 | | | | | | A03 |
| 44249 | XA244 | 68 | | | | | | | | DNW | 01 | | | RR4 | | | | | | |
| 44003 | XA244 | 69 | | XA244 | 79 | | 16B | 9 | | +05RES | 29 | | | RR4 | GP | | | | | |
| 44004 | XA244 | 70 | | XA244 | 69 | | 16B | 9 | | +05RES | 28 | | | RR4 | GP | | | | | |
| 47734 | XA244 | 71 | | | | | | | | SPI0222 | 14 | | | RR4 | H5 | | | | | |
| 46361 | XA244 | 72 | | | | | | | | SPI0132 | 34 | | | RR4 | G1 | | | | | |
| 46572 | XA244 | 73 | | XA242 | 72 | | 16B | 9 | | SPI0212 | 01 | | | RR4 | H4 | | | | | |
| 44559 | XA244 | 74 | | XA244 | 77 | | 16B | 9 | | G24444 | 15 | | | RR4 | GC | | | | | A03 |
| 46571 | XA244 | 75 | | | | | | | | SPI0202 | 29 | | | RR4 | H3 | | | | | |
| 46542 | XA244 | 76 | | | | | | | | SPI0192 | 28 | | | RR4 | H2 | | | | | |
| 44558 | XA244 | 77 | | XA244 | 67 | | 16B | 9 | | G24444 | 16 | | | RR4 | HC | | | | | A03 |
| 46514 | XA244 | 78 | | | | | | | | SPI0182 | 36 | | | RR4 | H1 | | | | | |
| 44002 | XA244 | 79 | | XA244 | 80 | | 16B | 9 | | +05RES | 30 | | | RR4 | HP | | | | | |
| 44001 | XA244 | 80 | | XA347 | 79 | | 16B | 9 | | +05RES | 31 | | | RR4 | HP | | | | | |
| 47446 | XA245 | 01 | | | | | | | | SPP | 01 | | | | | | | | | |
| 44502 | XA245 | 02 | | | | | | | | GND | 01 | | | | | | | | | |
| 47447 | XA245 | 03 | | | | | | | | SPP | 01 | | | | | | | | | |
| CONNECTOR XA245 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA245
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 163

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO | |
|---------------|--------|---------------------------------|-----|--------|-----------|-----|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|--|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | |
| 47448 | | XA245 | 04 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47449 | | XA245 | 05 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47450 | | XA245 | 06 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47451 | | XA245 | 07 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47452 | | XA245 | 08 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47453 | | XA245 | 09 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47454 | | XA245 | 10 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47455 | | XA245 | 11 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 44105 | | XA245 | 12 | | | | | | | | +5V | 01 | | | | | | | | | | |
| 47456 | | XA245 | 13 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47457 | | XA245 | 14 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47458 | | XA245 | 15 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 44503 | | XA245 | 16 | | | | | | | | GND | 01 | | | | | | | | | | |
| 47459 | | XA245 | 17 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47460 | | XA245 | 18 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47461 | | XA245 | 19 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47462 | | XA245 | 20 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47463 | | XA245 | 21 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47464 | | XA245 | 22 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47465 | | XA245 | 23 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47466 | | XA245 | 24 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47467 | | XA245 | 25 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47468 | | XA245 | 26 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47469 | | XA245 | 27 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 44106 | | XA245 | 28 | | | | | | | | +5V | 01 | | | | | | | | | | |
| 47470 | | XA245 | 29 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47471 | | XA245 | 30 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47472 | | XA245 | 31 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 44504 | | XA245 | 32 | | | | | | | | GND | 01 | | | | | | | | | | |
| 47473 | | XA245 | 33 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47474 | | XA245 | 34 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47475 | | XA245 | 35 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47476 | | XA245 | 36 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47477 | | XA245 | 37 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47478 | | XA245 | 38 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47479 | | XA245 | 39 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47480 | | XA245 | 40 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47481 | | XA245 | 41 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47482 | | XA245 | 42 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47483 | | XA245 | 43 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 44505 | | XA245 | 44 | | | | | | | | GND | 01 | | | | | | | | | | |
| 47484 | | XA245 | 45 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47485 | | XA245 | 46 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47486 | | XA245 | 47 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47487 | | XA245 | 48 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47488 | | XA245 | 49 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47489 | | XA245 | 50 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47490 | | XA245 | 51 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47491 | | XA245 | 52 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47492 | | XA245 | 53 | | | | | | | | SPP | 01 | | | | | | | | | | |
| CONNECTOR | XA245 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA245
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 164

| RECORD NUMBER | FROM | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | FCO NO | |
|---------------|--------|-----------|---------------------------------|--------|-----------|-----|-------|------|-------|------|--|--------|--------|----------|-------------|------------------|-------|---------------------|--------------------|--------------------|--------|--|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | GROUP | CODE | COLOR | IDEN | | | | | | | | | | | | |
| 47493 | | XA245 | 54 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47494 | | XA245 | 55 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47495 | | XA245 | 56 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47496 | | XA245 | 57 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 44506 | | XA245 | 58 | | | | | | | | | GND | 01 | | | | | | | | | |
| 47497 | | XA245 | 59 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47498 | | XA245 | 60 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47499 | | XA245 | 61 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47500 | | XA245 | 62 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47501 | | XA245 | 63 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47502 | | XA245 | 64 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47503 | | XA245 | 65 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47504 | | XA245 | 66 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 44507 | | XA245 | 67 | | | | | | | | | GND | 01 | | | | | | | | | |
| 47505 | | XA245 | 68 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47506 | | XA245 | 69 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47507 | | XA245 | 70 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47508 | | XA245 | 71 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47509 | | XA245 | 72 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47510 | | XA245 | 73 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47511 | | XA245 | 74 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47512 | | XA245 | 75 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47513 | | XA245 | 76 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47514 | | XA245 | 77 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47515 | | XA245 | 78 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47516 | | XA245 | 79 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47517 | | XA245 | 80 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47518 | | XA246 | 01 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 44508 | | XA246 | 02 | | | | | | | | | GND | 01 | | | | | | | | | |
| 47519 | | XA246 | 03 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47520 | | XA246 | 04 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47521 | | XA246 | 05 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47522 | | XA246 | 06 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47523 | | XA246 | 07 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47524 | | XA246 | 08 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47525 | | XA246 | 09 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47526 | | XA246 | 10 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47527 | | XA246 | 11 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 44107 | | XA246 | 12 | | | | | | | | | +5V | 01 | | | | | | | | | |
| 47528 | | XA246 | 13 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47529 | | XA246 | 14 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47530 | | XA246 | 15 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 44509 | | XA246 | 16 | | | | | | | | | GND | 01 | | | | | | | | | |
| 47531 | | XA246 | 17 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47532 | | XA246 | 18 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47533 | | XA246 | 19 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47534 | | XA246 | 20 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47535 | | XA246 | 21 | | | | | | | | | SPP | 01 | | | | | | | | | |
| CONNECTOR | | XA246 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | |

H78-14 1179

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA246
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 165

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO | |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|-------------|------|--------------------|--------|-----|
| | PREFIX | CONNECTOR | PIN | SH FTG | PREFIX | CONNECTOR | PIN | SH FTG | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | SPC INST | MISC | | | AND |
| 47536 | | XA246 | 22 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47537 | | XA246 | 23 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47538 | | XA246 | 24 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47539 | | XA246 | 25 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47540 | | XA246 | 26 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47541 | | XA246 | 27 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 44108 | | XA246 | 28 | | | | | | | | | | +5V | 01 | | | | | | | | | | | |
| 47542 | | XA246 | 29 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47543 | | XA246 | 30 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47544 | | XA246 | 31 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 44510 | | XA246 | 32 | | | | | | | | | | GND | 01 | | | | | | | | | | | |
| 47545 | | XA246 | 33 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47546 | | XA246 | 34 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47547 | | XA246 | 35 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47548 | | XA246 | 36 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47549 | | XA246 | 37 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47550 | | XA246 | 38 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47551 | | XA246 | 39 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47552 | | XA246 | 40 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47553 | | XA246 | 41 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47554 | | XA246 | 42 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47555 | | XA246 | 43 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 44511 | | XA246 | 44 | | | | | | | | | | GND | 01 | | | | | | | | | | | |
| 47556 | | XA246 | 45 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47557 | | XA246 | 46 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47558 | | XA246 | 47 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47559 | | XA246 | 48 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47560 | | XA246 | 49 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47561 | | XA246 | 50 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47562 | | XA246 | 51 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47563 | | XA246 | 52 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47564 | | XA246 | 53 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47565 | | XA246 | 54 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47566 | | XA246 | 55 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47567 | | XA246 | 56 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47568 | | XA246 | 57 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 44512 | | XA246 | 58 | | | | | | | | | | GND | 01 | | | | | | | | | | | |
| 47569 | | XA246 | 59 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47570 | | XA246 | 60 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47571 | | XA246 | 61 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47572 | | XA246 | 62 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47573 | | XA246 | 63 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47574 | | XA246 | 64 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47575 | | XA246 | 65 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47576 | | XA246 | 66 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 44513 | | XA246 | 67 | | | | | | | | | | GND | 01 | | | | | | | | | | | |
| 47577 | | XA246 | 68 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47578 | | XA246 | 69 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47579 | | XA246 | 70 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47580 | | XA246 | 71 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| CONNECTOR (XA246) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1180

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA246
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC5 FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 166

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO | |
|---|--------|-----------|-----|------|--------|-----------|-----|------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------|-----|--------------------|--------|----|
| | PREFIX | CONNECTOR | PIN | SHIF | PREFIX | CONNECTOR | PIN | SHIF | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | SPACET VALUE | AND | | | OR |
| 47581 | | XA246 | 72 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47582 | | XA246 | 73 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47583 | | XA246 | 74 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47584 | | XA246 | 75 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47585 | | XA246 | 76 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47586 | | XA246 | 77 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47587 | | XA246 | 78 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47588 | | XA246 | 79 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47589 | | XA246 | 80 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47590 | | XA247 | 01 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 44514 | | XA247 | 02 | | | | | | | | | | GND | 01 | | | | | | | | | | | |
| 47591 | | XA247 | 03 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47592 | | XA247 | 04 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47593 | | XA247 | 05 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47594 | | XA247 | 06 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47595 | | XA247 | 07 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47596 | | XA247 | 08 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47597 | | XA247 | 09 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47598 | | XA247 | 10 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47599 | | XA247 | 11 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 44109 | | XA247 | 12 | | | | | | | | | | +5V | 01 | | | | | | | | | | | |
| 47600 | | XA247 | 13 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47601 | | XA247 | 14 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47602 | | XA247 | 15 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 44515 | | XA247 | 16 | | | | | | | | | | GND | 01 | | | | | | | | | | | |
| 47603 | | XA247 | 17 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47604 | | XA247 | 18 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47605 | | XA247 | 19 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47606 | | XA247 | 20 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47607 | | XA247 | 21 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47608 | | XA247 | 22 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47609 | | XA247 | 23 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47610 | | XA247 | 24 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47611 | | XA247 | 25 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47612 | | XA247 | 26 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47613 | | XA247 | 27 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 44110 | | XA247 | 28 | | | | | | | | | | +5V | 01 | | | | | | | | | | | |
| 47614 | | XA247 | 29 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47615 | | XA247 | 30 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47616 | | XA247 | 31 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 44516 | | XA247 | 32 | | | | | | | | | | GND | 01 | | | | | | | | | | | |
| 47617 | | XA247 | 33 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47618 | | XA247 | 34 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47619 | | XA247 | 35 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47620 | | XA247 | 36 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47621 | | XA247 | 37 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47622 | | XA247 | 38 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 47623 | | XA247 | 39 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| CONNECTOR (XA247) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA247
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 167

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO | |
|---|--------|-----------|-----|--------|-----------|-----|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|--|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | |
| 47624 | | XA247 | 40 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47625 | | XA247 | 41 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47626 | | XA247 | 42 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47627 | | XA247 | 43 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 44517 | | XA247 | 44 | | | | | | | | GND | 01 | | | | | | | | | | |
| 47628 | | XA247 | 45 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47629 | | XA247 | 46 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47630 | | XA247 | 47 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47631 | | XA247 | 48 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47632 | | XA247 | 49 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47633 | | XA247 | 50 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47634 | | XA247 | 51 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47635 | | XA247 | 52 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47636 | | XA247 | 53 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47637 | | XA247 | 54 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47638 | | XA247 | 55 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47639 | | XA247 | 56 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47640 | | XA247 | 57 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 44518 | | XA247 | 58 | | | | | | | | GND | 01 | | | | | | | | | | |
| 47641 | | XA247 | 59 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47642 | | XA247 | 60 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47643 | | XA247 | 61 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47644 | | XA247 | 62 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47645 | | XA247 | 63 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47646 | | XA247 | 64 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47647 | | XA247 | 65 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47648 | | XA247 | 66 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 44519 | | XA247 | 67 | | | | | | | | GND | 01 | | | | | | | | | | |
| 47649 | | XA247 | 68 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47650 | | XA247 | 69 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47651 | | XA247 | 70 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47652 | | XA247 | 71 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47653 | | XA247 | 72 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47654 | | XA247 | 73 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47655 | | XA247 | 74 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47656 | | XA247 | 75 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47657 | | XA247 | 76 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47658 | | XA247 | 77 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47659 | | XA247 | 78 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47660 | | XA247 | 79 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47661 | | XA247 | 80 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47662 | | XA248 | 01 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 44520 | | XA248 | 02 | | | | | | | | GND | 01 | | | | | | | | | | |
| 47663 | | XA248 | 03 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47664 | | XA248 | 04 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47665 | | XA248 | 05 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47666 | | XA248 | 06 | | | | | | | | SPP | 01 | | | | | | | | | | |
| 47667 | | XA248 | 07 | | | | | | | | SPP | 01 | | | | | | | | | | |
| CONNECTOR XA248 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA248
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC5 FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 168

| RECORD NUMBER | FROM | | | SH PC | TO | | | SH PC | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------------|---------------------------------|-------|--------|-----------|-----|-------|-------------|------|-------|------|--------|--------|----------|-------------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | | MULTI GROUP | CODE | COLOR | IDEN | | | | | | | | | | |
| 47668 | | XA248 | 08 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47669 | | XA248 | 09 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47670 | | XA248 | 10 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47671 | | XA248 | 11 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47672 | | XA248 | 12 | | | | | | | | | +5V | 01 | | | | | | | | | |
| 47673 | | XA248 | 13 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47674 | | XA248 | 14 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47675 | | XA248 | 15 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47676 | | XA248 | 16 | | | | | | | | | GND | 01 | | | | | | | | | |
| 47677 | | XA248 | 17 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47678 | | XA248 | 18 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47679 | | XA248 | 19 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47680 | | XA248 | 20 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47681 | | XA248 | 21 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47682 | | XA248 | 22 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47683 | | XA248 | 23 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47684 | | XA248 | 24 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47685 | | XA248 | 25 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47686 | | XA248 | 26 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47687 | | XA248 | 27 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47688 | | XA248 | 28 | | | | | | | | | +5V | 01 | | | | | | | | | |
| 47689 | | XA248 | 29 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47690 | | XA248 | 30 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47691 | | XA248 | 31 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47692 | | XA248 | 32 | | | | | | | | | GND | 01 | | | | | | | | | |
| 47693 | | XA248 | 33 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47694 | | XA248 | 34 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47695 | | XA248 | 35 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47696 | | XA248 | 36 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47697 | | XA248 | 37 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47698 | | XA248 | 38 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47699 | | XA248 | 39 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47700 | | XA248 | 40 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47701 | | XA248 | 41 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47702 | | XA248 | 42 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47703 | | XA248 | 43 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47704 | | XA248 | 44 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47705 | | XA248 | 45 | | | | | | | | | GND | 01 | | | | | | | | | |
| 47706 | | XA248 | 46 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47707 | | XA248 | 47 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47708 | | XA248 | 48 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47709 | | XA248 | 49 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47710 | | XA248 | 50 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47711 | | XA248 | 51 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47712 | | XA248 | 52 | | | | | | | | | SPP | 01 | | | | | | | | | |
| | | CONNECTOR XA248 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA248
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 169

| RECORD NUMBER | FROM | | | SPT | TO | | | MULTI GROUP | WIRE | | | SPT MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-----|--------|-----------|-----|-------------|------|------|-------|----------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | | OR | CODE | COLOR | | | | | | | | | | | | |
| 44524 | | XA248 | 58 | | | | | | | | | | GND | 01 | | | | | | | | | |
| 47713 | | XA248 | 59 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47714 | | XA248 | 60 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47715 | | XA248 | 61 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47716 | | XA248 | 62 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47717 | | XA248 | 63 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47718 | | XA248 | 64 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47719 | | XA248 | 65 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47720 | | XA248 | 66 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 44525 | | XA248 | 67 | | | | | | | | | | GND | 01 | | | | | | | | | |
| 47721 | | XA248 | 68 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47722 | | XA248 | 69 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47723 | | XA248 | 70 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47724 | | XA248 | 71 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47725 | | XA248 | 72 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47726 | | XA248 | 73 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47727 | | XA248 | 74 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47728 | | XA248 | 75 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47729 | | XA248 | 76 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47730 | | XA248 | 77 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47731 | | XA248 | 78 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47732 | | XA248 | 79 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 47733 | | XA248 | 80 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 48188 | | XA249 | 01 | | | | | | | | | | SPP | | | | | | | | | | |
| 48189 | | XA249 | 02 | | | | | | | | | | SPP | | | | | | | | | | |
| 48190 | | XA249 | 03 | | | | | | | | | | SPP | | | | | | | | | | |
| 48191 | | XA249 | 04 | | | | | | | | | | SPP | | | | | | | | | | |
| 48192 | | XA249 | 05 | | | | | | | | | | SPP | | | | | | | | | | |
| 48193 | | XA249 | 06 | | | | | | | | | | SPP | | | | | | | | | | |
| 48194 | | XA249 | 07 | | | | | | | | | | SPP | | | | | | | | | | |
| 48195 | | XA249 | 08 | | | | | | | | | | SPP | | | | | | | | | | |
| 48196 | | XA249 | 09 | | | | | | | | | | SPP | | | | | | | | | | |
| 48197 | | XA249 | 10 | | | | | | | | | | SPP | | | | | | | | | | |
| 48198 | | XA249 | 11 | | | | | | | | | | SPP | | | | | | | | | | |
| 48199 | | XA249 | 12 | | | | | | | | | | SPP | | | | | | | | | | |
| 48200 | | XA249 | 13 | | | | | | | | | | SPP | | | | | | | | | | |
| 48201 | | XA249 | 14 | | | | | | | | | | SPP | | | | | | | | | | |
| 48202 | | XA249 | 15 | | | | | | | | | | SPP | | | | | | | | | | |
| 48203 | | XA249 | 16 | | | | | | | | | | SPP | | | | | | | | | | |
| 48204 | | XA249 | 17 | | | | | | | | | | SPP | | | | | | | | | | |
| 48205 | | XA249 | 18 | | | | | | | | | | SPP | | | | | | | | | | |
| 48206 | | XA249 | 19 | | | | | | | | | | SPP | | | | | | | | | | |
| 48207 | | XA249 | 20 | | | | | | | | | | SPP | | | | | | | | | | |
| 48208 | | XA249 | 21 | | | | | | | | | | SPP | | | | | | | | | | |
| 48209 | | XA249 | 22 | | | | | | | | | | SPP | | | | | | | | | | |
| 48210 | | XA249 | 23 | | | | | | | | | | SPP | | | | | | | | | | |
| 48211 | | XA249 | 24 | | | | | | | | | | SPP | | | | | | | | | | |
| 48212 | | XA249 | 25 | | | | | | | | | | SPP | | | | | | | | | | |
| CONNECTOR (XA249) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA249
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC5 FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 170

| RECORD NUMBER | FROM | | | IFC | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|---------------------------------|-----|-----|--------|-----------|-----|------|-------------|------|-------|--------|--------|----------|-------------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | SIZE | MULTI GROUP | CODE | COLOR | | | | | | | | | | |
| 48213 | | XA249 | 26 | | | | | | | | | SPP | | | | | | | | | |
| 48214 | | XA249 | 27 | | | | | | | | | SPP | | | | | | | | | |
| 48215 | | XA249 | 28 | | | | | | | | | SPP | | | | | | | | | |
| 48216 | | XA249 | 29 | | | | | | | | | SPP | | | | | | | | | |
| 48217 | | XA249 | 30 | | | | | | | | | SPP | | | | | | | | | |
| 48218 | | XA249 | 31 | | | | | | | | | SPP | | | | | | | | | |
| 48219 | | XA249 | 32 | | | | | | | | | SPP | | | | | | | | | |
| 48220 | | XA249 | 33 | | | | | | | | | SPP | | | | | | | | | |
| 48221 | | XA249 | 34 | | | | | | | | | SPP | | | | | | | | | |
| 48222 | | XA249 | 35 | | | | | | | | | SPP | | | | | | | | | |
| 48223 | | XA249 | 36 | | | | | | | | | SPP | | | | | | | | | |
| 48224 | | XA249 | 37 | | | | | | | | | SPP | | | | | | | | | |
| 48225 | | XA249 | 38 | | | | | | | | | SPP | | | | | | | | | |
| 48226 | | XA249 | 39 | | | | | | | | | SPP | | | | | | | | | |
| 48227 | | XA249 | 40 | | | | | | | | | SPP | | | | | | | | | |
| 48228 | | XA249 | 41 | | | | | | | | | SPP | | | | | | | | | |
| 48229 | | XA249 | 42 | | | | | | | | | SPP | | | | | | | | | |
| 48230 | | XA249 | 43 | | | | | | | | | SPP | | | | | | | | | |
| 48231 | | XA249 | 44 | | | | | | | | | SPP | | | | | | | | | |
| 48232 | | XA249 | 45 | | | | | | | | | SPP | | | | | | | | | |
| 48233 | | XA249 | 46 | | | | | | | | | SPP | | | | | | | | | |
| 48234 | | XA249 | 47 | | | | | | | | | SPP | | | | | | | | | |
| 48235 | | XA249 | 48 | | | | | | | | | SPP | | | | | | | | | |
| 48236 | | XA249 | 49 | | | | | | | | | SPP | | | | | | | | | |
| 48237 | | XA249 | 50 | | | | | | | | | SPP | | | | | | | | | |
| 48238 | | XA249 | 51 | | | | | | | | | SPP | | | | | | | | | |
| 48239 | | XA249 | 52 | | | | | | | | | SPP | | | | | | | | | |
| 48240 | | XA249 | 53 | | | | | | | | | SPP | | | | | | | | | |
| 48241 | | XA249 | 54 | | | | | | | | | SPP | | | | | | | | | |
| 48242 | | XA249 | 55 | | | | | | | | | SPP | | | | | | | | | |
| 48243 | | XA249 | 56 | | | | | | | | | SPP | | | | | | | | | |
| 48244 | | XA249 | 57 | | | | | | | | | SPP | | | | | | | | | |
| 48245 | | XA249 | 58 | | | | | | | | | SPP | | | | | | | | | |
| 48246 | | XA249 | 59 | | | | | | | | | SPP | | | | | | | | | |
| 48247 | | XA249 | 60 | | | | | | | | | SPP | | | | | | | | | |
| 48248 | | XA249 | 61 | | | | | | | | | SPP | | | | | | | | | |
| 48249 | | XA249 | 62 | | | | | | | | | SPP | | | | | | | | | |
| 48250 | | XA249 | 63 | | | | | | | | | SPP | | | | | | | | | |
| 48251 | | XA249 | 64 | | | | | | | | | SPP | | | | | | | | | |
| 48252 | | XA249 | 65 | | | | | | | | | SPP | | | | | | | | | |
| 48253 | | XA249 | 66 | | | | | | | | | SPP | | | | | | | | | |
| 48254 | | XA249 | 67 | | | | | | | | | SPP | | | | | | | | | |
| 48255 | | XA249 | 68 | | | | | | | | | SPP | | | | | | | | | |
| 48256 | | XA249 | 69 | | | | | | | | | SPP | | | | | | | | | |
| 48257 | | XA249 | 70 | | | | | | | | | SPP | | | | | | | | | |
| 48258 | | XA249 | 71 | | | | | | | | | SPP | | | | | | | | | |
| 48259 | | XA249 | 72 | | | | | | | | | SPP | | | | | | | | | |
| 48260 | | XA249 | 73 | | | | | | | | | SPP | | | | | | | | | |
| 48261 | | XA249 | 74 | | | | | | | | | SPP | | | | | | | | | |
| 48262 | | XA249 | 75 | | | | | | | | | SPP | | | | | | | | | |
| CONNECTOR | XA249 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA249
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 171

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | LOAD OR POWER PLANE | TEST POINTS (AND OR) | SIGNAL DESCRIPTION | ECO NO | |
|---|--------|-----------|-----|--------|-----------|-----|--------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|---------------------|----------------------|--------------------|--------|-----------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SH FTG | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | SPEC INST |
| 48263 | | XA249 | 76 | | | | | | | | | SPP | | | | | | | | | | |
| 48264 | | XA249 | 77 | | | | | | | | | SPP | | | | | | | | | | |
| 48265 | | XA249 | 78 | | | | | | | | | SPP | | | | | | | | | | |
| 48266 | | XA249 | 79 | | | | | | | | | SPP | | | | | | | | | | |
| 48267 | | XA249 | 80 | | | | | | | | | SPP | | | | | | | | | | |
| 48268 | | XA250 | 01 | | | | | | | | | SPP | | | | | | | | | | |
| 47973 | | XA250 | 02 | | | | | | | | | GND | | | | | | | | | | |
| 48269 | | XA250 | 03 | | | | | | | | | SPP | | | | | | | | | | |
| 47974 | | XA250 | 04 | | | | | | | | | GND | | | | | | | | | | |
| 48270 | | XA250 | 05 | | | | | | | | | SPP | | | | | | | | | | |
| 47975 | | XA250 | 06 | | | | | | | | | GND | | | | | | | | | | |
| 48271 | | XA250 | 07 | | | | | | | | | SPP | | | | | | | | | | |
| 47976 | | XA250 | 08 | | | | | | | | | GND | | | | | | | | | | |
| 48272 | | XA250 | 09 | | | | | | | | | SPP | | | | | | | | | | |
| 48273 | | XA250 | 10 | | | | | | | | | SPP | | | | | | | | | | |
| 48274 | | XA250 | 11 | | | | | | | | | SPP | | | | | | | | | | |
| 47977 | | XA250 | 12 | | | | | | | | | GND | | | | | | | | | | |
| 48275 | | XA250 | 13 | | | | | | | | | SPP | | | | | | | | | | |
| 47978 | | XA250 | 14 | | | | | | | | | GND | | | | | | | | | | |
| 48276 | | XA250 | 15 | | | | | | | | | SPP | | | | | | | | | | |
| 47979 | | XA250 | 16 | | | | | | | | | GND | | | | | | | | | | |
| 48277 | | XA250 | 17 | | | | | | | | | SPP | | | | | | | | | | |
| 47980 | | XA250 | 18 | | | | | | | | | GND | | | | | | | | | | |
| 48278 | | XA250 | 19 | | | | | | | | | SPP | | | | | | | | | | |
| 47981 | | XA250 | 20 | | | | | | | | | GND | | | | | | | | | | |
| 48279 | | XA250 | 21 | | | | | | | | | SPP | | | | | | | | | | |
| 47982 | | XA250 | 22 | | | | | | | | | GND | | | | | | | | | | |
| 48280 | | XA250 | 23 | | | | | | | | | SPP | | | | | | | | | | |
| 47983 | | XA250 | 24 | | | | | | | | | GND | | | | | | | | | | |
| 48281 | | XA250 | 25 | | | | | | | | | SPP | | | | | | | | | | |
| 47984 | | XA250 | 26 | | | | | | | | | GND | | | | | | | | | | |
| 48282 | | XA250 | 27 | | | | | | | | | SPP | | | | | | | | | | |
| 47985 | | XA250 | 28 | | | | | | | | | GND | | | | | | | | | | |
| 48283 | | XA250 | 29 | | | | | | | | | SPP | | | | | | | | | | |
| 47986 | | XA250 | 30 | | | | | | | | | GND | | | | | | | | | | |
| 48284 | | XA250 | 31 | | | | | | | | | SPP | | | | | | | | | | |
| 47987 | | XA250 | 32 | | | | | | | | | GND | | | | | | | | | | |
| 48285 | | XA250 | 33 | | | | | | | | | SPP | | | | | | | | | | |
| 47988 | | XA250 | 34 | | | | | | | | | GND | | | | | | | | | | |
| 48286 | | XA250 | 35 | | | | | | | | | SPP | | | | | | | | | | |
| 47989 | | XA250 | 36 | | | | | | | | | GND | | | | | | | | | | |
| 48287 | | XA250 | 37 | | | | | | | | | SPP | | | | | | | | | | |
| 47990 | | XA250 | 38 | | | | | | | | | GND | | | | | | | | | | |
| 48288 | | XA250 | 39 | | | | | | | | | SPP | | | | | | | | | | |
| 47991 | | XA250 | 40 | | | | | | | | | GND | | | | | | | | | | |
| 48289 | | XA250 | 41 | | | | | | | | | SPP | | | | | | | | | | |
| 47992 | | XA250 | 42 | | | | | | | | | GND | | | | | | | | | | |
| 48290 | | XA250 | 43 | | | | | | | | | SPP | | | | | | | | | | |
| CONNECTOR XA250 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA250
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 172

| RECORD NUMBER | FROM | | | Z | TO | | | WIRE | | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|---------------------------------|---|--------|-----------|-----|-------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | SH FE | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 47993 | | XA250 | 44 | | | | | | | | | | GND | | | | | | | | | | |
| 48291 | | XA250 | 45 | | | | | | | | | | SPP | | | | | | | | | | |
| 47994 | | XA250 | 46 | | | | | | | | | | GND | | | | | | | | | | |
| 48292 | | XA250 | 47 | | | | | | | | | | SPP | | | | | | | | | | |
| 47995 | | XA250 | 48 | | | | | | | | | | GND | | | | | | | | | | |
| 48293 | | XA250 | 49 | | | | | | | | | | SPP | | | | | | | | | | |
| 47996 | | XA250 | 50 | | | | | | | | | | GND | | | | | | | | | | |
| 48294 | | XA250 | 51 | | | | | | | | | | SPP | | | | | | | | | | |
| 47997 | | XA250 | 52 | | | | | | | | | | GND | | | | | | | | | | |
| 48295 | | XA250 | 53 | | | | | | | | | | SPP | | | | | | | | | | |
| 47998 | | XA250 | 54 | | | | | | | | | | GND | | | | | | | | | | |
| 48296 | | XA250 | 55 | | | | | | | | | | SPP | | | | | | | | | | |
| 47999 | | XA250 | 56 | | | | | | | | | | GND | | | | | | | | | | |
| 48297 | | XA250 | 57 | | | | | | | | | | SPP | | | | | | | | | | |
| 48000 | | XA250 | 58 | | | | | | | | | | GND | | | | | | | | | | |
| 48298 | | XA250 | 59 | | | | | | | | | | SPP | | | | | | | | | | |
| 48001 | | XA250 | 60 | | | | | | | | | | GND | | | | | | | | | | |
| 48299 | | XA250 | 61 | | | | | | | | | | SPP | | | | | | | | | | |
| 48002 | | XA250 | 62 | | | | | | | | | | GND | | | | | | | | | | |
| 48300 | | XA250 | 63 | | | | | | | | | | SPP | | | | | | | | | | |
| 48003 | | XA250 | 64 | | | | | | | | | | GND | | | | | | | | | | |
| 48301 | | XA250 | 65 | | | | | | | | | | SPP | | | | | | | | | | |
| 48004 | | XA250 | 66 | | | | | | | | | | GND | | | | | | | | | | |
| 48302 | | XA250 | 67 | | | | | | | | | | SPP | | | | | | | | | | |
| 48005 | | XA250 | 68 | | | | | | | | | | GND | | | | | | | | | | |
| 48303 | | XA250 | 69 | | | | | | | | | | SPP | | | | | | | | | | |
| 48006 | | XA250 | 70 | | | | | | | | | | GND | | | | | | | | | | |
| 48304 | | XA250 | 71 | | | | | | | | | | SPP | | | | | | | | | | |
| 48007 | | XA250 | 72 | | | | | | | | | | GND | | | | | | | | | | |
| 48305 | | XA250 | 73 | | | | | | | | | | SPP | | | | | | | | | | |
| 48306 | | XA250 | 74 | | | | | | | | | | SPP | | | | | | | | | | |
| 48307 | | XA250 | 75 | | | | | | | | | | SPP | | | | | | | | | | |
| 48308 | | XA250 | 76 | | | | | | | | | | SPP | | | | | | | | | | |
| 48309 | | XA250 | 77 | | | | | | | | | | SPP | | | | | | | | | | |
| 48008 | | XA250 | 78 | | | | | | | | | | GND | | | | | | | | | | |
| 48310 | | XA250 | 79 | | | | | | | | | | SPP | | | | | | | | | | |
| 48009 | | XA250 | 80 | | | | | | | | | | GND | | | | | | | | | | |
| 48311 | | XA251 | 01 | | | | | | | | | | SPP | | | | | | | | | | |
| 48010 | | XA251 | 02 | | | | | | | | | | GND | | | | | | | | | | |
| 48312 | | XA251 | 03 | | | | | | | | | | SPP | | | | | | | | | | |
| 48011 | | XA251 | 04 | | | | | | | | | | GND | | | | | | | | | | |
| 48313 | | XA251 | 05 | | | | | | | | | | SPP | | | | | | | | | | |
| 48012 | | XA251 | 06 | | | | | | | | | | GND | | | | | | | | | | |
| 48314 | | XA251 | 07 | | | | | | | | | | SPP | | | | | | | | | | |
| 48013 | | XA251 | 08 | | | | | | | | | | GND | | | | | | | | | | |
| 48315 | | XA251 | 09 | | | | | | | | | | SPP | | | | | | | | | | |
| 48316 | | XA251 | 10 | | | | | | | | | | SPP | | | | | | | | | | |
| 48317 | | XA251 | 11 | | | | | | | | | | SPP | | | | | | | | | | |
| CONNECTOR | | XA251 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA251
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 173

| RECORD NUMBER | FROM | | | SH TO | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|-------------|----|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | AND | OR | | |
| 48014 | | XA251 | 12 | | | | | | | | | GND | | | | | | | | | | | |
| 48318 | | XA251 | 13 | | | | | | | | | SPP | | | | | | | | | | | |
| 48015 | | XA251 | 14 | | | | | | | | | GND | | | | | | | | | | | |
| 48319 | | XA251 | 15 | | | | | | | | | SPP | | | | | | | | | | | |
| 48016 | | XA251 | 16 | | | | | | | | | GND | | | | | | | | | | | |
| 48320 | | XA251 | 17 | | | | | | | | | SPP | | | | | | | | | | | |
| 48017 | | XA251 | 18 | | | | | | | | | GND | | | | | | | | | | | |
| 48321 | | XA251 | 19 | | | | | | | | | SPP | | | | | | | | | | | |
| 48018 | | XA251 | 20 | | | | | | | | | GND | | | | | | | | | | | |
| 48322 | | XA251 | 21 | | | | | | | | | SPP | | | | | | | | | | | |
| 48019 | | XA251 | 22 | | | | | | | | | GND | | | | | | | | | | | |
| 48323 | | XA251 | 23 | | | | | | | | | SPP | | | | | | | | | | | |
| 48020 | | XA251 | 24 | | | | | | | | | GND | | | | | | | | | | | |
| 48324 | | XA251 | 25 | | | | | | | | | SPP | | | | | | | | | | | |
| 48021 | | XA251 | 26 | | | | | | | | | GND | | | | | | | | | | | |
| 48325 | | XA251 | 27 | | | | | | | | | SPP | | | | | | | | | | | |
| 48022 | | XA251 | 28 | | | | | | | | | GND | | | | | | | | | | | |
| 48326 | | XA251 | 29 | | | | | | | | | SPP | | | | | | | | | | | |
| 48023 | | XA251 | 30 | | | | | | | | | GND | | | | | | | | | | | |
| 48327 | | XA251 | 31 | | | | | | | | | SPP | | | | | | | | | | | |
| 48024 | | XA251 | 32 | | | | | | | | | GND | | | | | | | | | | | |
| 48328 | | XA251 | 33 | | | | | | | | | SPP | | | | | | | | | | | |
| 48025 | | XA251 | 34 | | | | | | | | | GND | | | | | | | | | | | |
| 48329 | | XA251 | 35 | | | | | | | | | SPP | | | | | | | | | | | |
| 48026 | | XA251 | 36 | | | | | | | | | GND | | | | | | | | | | | |
| 48330 | | XA251 | 37 | | | | | | | | | SPP | | | | | | | | | | | |
| 48027 | | XA251 | 38 | | | | | | | | | GND | | | | | | | | | | | |
| 48331 | | XA251 | 39 | | | | | | | | | SPP | | | | | | | | | | | |
| 48028 | | XA251 | 40 | | | | | | | | | GND | | | | | | | | | | | |
| 48332 | | XA251 | 41 | | | | | | | | | SPP | | | | | | | | | | | |
| 48029 | | XA251 | 42 | | | | | | | | | GND | | | | | | | | | | | |
| 48333 | | XA251 | 43 | | | | | | | | | SPP | | | | | | | | | | | |
| 48030 | | XA251 | 44 | | | | | | | | | GND | | | | | | | | | | | |
| 48334 | | XA251 | 45 | | | | | | | | | SPP | | | | | | | | | | | |
| 48031 | | XA251 | 46 | | | | | | | | | GND | | | | | | | | | | | |
| 48335 | | XA251 | 47 | | | | | | | | | SPP | | | | | | | | | | | |
| 48032 | | XA251 | 48 | | | | | | | | | GND | | | | | | | | | | | |
| 48336 | | XA251 | 49 | | | | | | | | | SPP | | | | | | | | | | | |
| 48033 | | XA251 | 50 | | | | | | | | | GND | | | | | | | | | | | |
| 48337 | | XA251 | 51 | | | | | | | | | SPP | | | | | | | | | | | |
| 48034 | | XA251 | 52 | | | | | | | | | GND | | | | | | | | | | | |
| 48338 | | XA251 | 53 | | | | | | | | | SPP | | | | | | | | | | | |
| 48035 | | XA251 | 54 | | | | | | | | | GND | | | | | | | | | | | |
| 48339 | | XA251 | 55 | | | | | | | | | SPP | | | | | | | | | | | |
| 48036 | | XA251 | 56 | | | | | | | | | GND | | | | | | | | | | | |
| 48340 | | XA251 | 57 | | | | | | | | | SPP | | | | | | | | | | | |
| 48037 | | XA251 | 58 | | | | | | | | | GND | | | | | | | | | | | |
| 48341 | | XA251 | 59 | | | | | | | | | SPP | | | | | | | | | | | |
| 48038 | | XA251 | 60 | | | | | | | | | GND | | | | | | | | | | | |
| 48342 | | XA251 | 61 | | | | | | | | | SPP | | | | | | | | | | | |
| CONNECTOR (XA251) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA251
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 174

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|------|-------------|------|-------|--------|---------|----------|--------|--------|------------------|-------|---------------------|-------------|-----|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SIZE | MULTI GROUP | CODE | COLOR | | | | | | | | | IDENT | AND | | |
| 48039 | | XA251 | 62 | | | | | | | | | GND | | | | | | | | | | |
| 48343 | | XA251 | 63 | | | | | | | | | SPP | | | | | | | | | | |
| 48040 | | XA251 | 64 | | | | | | | | | GND | | | | | | | | | | |
| 48344 | | XA251 | 65 | | | | | | | | | SPP | | | | | | | | | | |
| 48041 | | XA251 | 66 | | | | | | | | | GND | | | | | | | | | | |
| 48345 | | XA251 | 67 | | | | | | | | | SPP | | | | | | | | | | |
| 48042 | | XA251 | 68 | | | | | | | | | GND | | | | | | | | | | |
| 48346 | | XA251 | 69 | | | | | | | | | SPP | | | | | | | | | | |
| 48043 | | XA251 | 70 | | | | | | | | | GND | | | | | | | | | | |
| 48347 | | XA251 | 71 | | | | | | | | | SPP | | | | | | | | | | |
| 48044 | | XA251 | 72 | | | | | | | | | GND | | | | | | | | | | |
| 48348 | | XA251 | 73 | | | | | | | | | SPP | | | | | | | | | | |
| 48349 | | XA251 | 74 | | | | | | | | | SPP | | | | | | | | | | |
| 48350 | | XA251 | 75 | | | | | | | | | SPP | | | | | | | | | | |
| 48351 | | XA251 | 76 | | | | | | | | | SPP | | | | | | | | | | |
| 48352 | | XA251 | 77 | | | | | | | | | SPP | | | | | | | | | | |
| 48045 | | XA251 | 78 | | | | | | | | | GND | | | | | | | | | | |
| 48353 | | XA251 | 79 | | | | | | | | | SPP | | | | | | | | | | |
| 48046 | | XA251 | 80 | | | | | | | | | GND | | | | | | | | | | |
| 62926 | | XA301 | 01 | | XA301 | 10 | | | 16B | 9 | | SPI0243 | 005 | | 01 | 1 | TDD | BN | | 02B | | |
| 60388 | | XA301 | 02 | | | | | | | | | GND | 01 | | | | TDD | | | 01B | | |
| 63725 | | XA301 | 03 | | XA302 | 03 | | | 16B | 9 | | SPI0023 | 25 | | 01 | 1 | TDD | BQ | | 02A | | |
| 62590 | | XA301 | 04 | | XA301 | 06 | | | 16B | 9 | | SPI0253 | 01 | | 01 | 1 | TDD | BP | | 04A | | |
| 63023 | | XA301 | 05 | | XA301 | 08 | | | 16B | 9 | | SPI0263 | 01 | | 01 | 1 | TDD | BI | | 03B | | |
| 62591 | | XA301 | 06 | | XA302 | 06 | | | 16B | 9 | | SPI0253 | 02 | | 01 | 1 | TDD | AP | | 05A | | |
| 62541 | | XA301 | 07 | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | BQ | | 03A | | |
| 62535 | | XA301 | 08 | | XA302 | 08 | | | 16B | 9 | | SPI0263 | 02 | | 01 | 1 | TDD | AI | | 06A | | |
| 64900 | | XA301 | 09 | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | BP | | 04B | | |
| 62925 | | XA301 | 10 | | XA302 | 10 | | | 16B | 9 | | SPI0243 | 01 | | 01 | 1 | TDD | AN | | 07A | | |
| 64899 | | XA301 | 11 | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | AP | | 05B | | |
| 60053 | | XA301 | 12 | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 62534 | | XA301 | 13 | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | AQ | | 06B | | |
| 62553 | | XA301 | 14 | | XA302 | 01 | | | 16B | 9 | | QDLCKA | 03 | QDLQ3N | 01 | 1 | TDD | DN | | 09A | | |
| 63796 | | XA301 | 15 | | XA301 | 27 | | | 16B | 9 | | SPI0043 | 22 | | 01 | 1 | TDD | AQ | | 07B | | |
| 60389 | | XA301 | 16 | | | | | | | | | GND | 01 | | | | TDD | | | 20B | | |
| 63724 | | XA301 | 17 | | XA301 | 03 | | | 16B | 9 | | SPI0023 | 24 | QDLQ3Q | 01 | 1 | TDD | DQ | | 08B | | |
| 62568 | | XA301 | 18 | | XA302 | 07 | | | 16B | 9 | | QDLQ2Q | 01 | QDLQ3I | 01 | 1 | TDD | DI | | 10A | | |
| 62571 | | XA301 | 19 | | | | | | | | | QDLQ3Q | 02 | QDLQ3Q | 00 | 1 | TDD | DQ | | 09B | | |
| 62672 | | XA301 | 20 | | XA302 | 20 | | | 16B | 9 | | QDLQ3P | 01 | QDLQ3P | 01 | 1 | TDD | DP | | 11A | | |
| 64904 | | XA301 | 21 | | | | | | | | | QDLQ3P | 01 | QDLQ3P | 00 | 1 | TDD | DP | | 10B | | |
| 62671 | | XA301 | 22 | | XA301 | 20 | | | 16B | 9 | | QDLQ3P | 01 | QDLQ3P | 01 | 1 | TDD | CP | | 12A | | |
| 64902 | | XA301 | 23 | | | | | | | | | QDLQ1P | 01 | QDLQ1P | 00 | 1 | TDD | CP | | 11B | | |
| 62574 | | XA301 | 24 | | XA302 | 14 | | | 16B | 9 | | QDLQ5P | 01 | QDLQ1I | 01 | 1 | TDD | CI | | 13A | | |
| 62567 | | XA301 | 25 | | | | | | | | | QDLQ1Q | 02 | QDLQ1Q | 00 | 1 | TDD | CQ | | 12B | | |
| 62552 | | XA301 | 26 | | XA301 | 14 | | | 16B | 9 | | QDLCKA | 02 | QDLQ1N | 01 | 1 | TDD | CN | | 14A | | |
| 63797 | | XA301 | 27 | | XA302 | 27 | | | 16B | 9 | | SPI0043 | 23 | QDLQ1Q | 01 | 1 | TDD | CQ | | 13B | | |
| 60054 | | XA301 | 28 | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 63025 | | XA301 | 29 | | XA203 | 80 | | | 16B | 9 | | QXIROA | 01 | QXIROQ | 01 | 1 | TDD | EQ | | 14B | | |
| CONNECTOR XA301 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA301
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 175

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|---------------------------------|--------|-----------|-----|------|----|----|-----|--------|--------|----------|------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | DI | PC | DI | PC | | | | | | | | | | | |
| 63031 | | XA301 | 30 | | | | | | | | | | | | | | | | | | |
| 63029 | | XA301 | 31 | | XA302 | 53 | | | | 16B | 9 | | | | | | | | 15A | | |
| 60390 | | XA301 | 32 | | | | | | | | | | | | | | | | 15B | TTR SYNC COUNTER | |
| 64948 | | XA301 | 33 | | | | | | | | | | | | | | | | 21B | | |
| 62986 | | XA301 | 34 | | XA303 | 40 | | | | 16B | 9 | | | | | | | | 16B | | |
| 62633 | | XA301 | 35 | | XA209 | 61 | | | | 16B | 9 | | | | | | | | 16B | | |
| 61845 | | XA301 | 36 | | XA302 | 36 | | | | 16B | 9 | | | | | | | | 17A | | |
| 64907 | | XA301 | 37 | | | | | | | | | | | | | | | | 17B | | |
| 61362 | | XA301 | 38 | | XA325 | 50 | | | | 16B | 9 | | | | | | | | 17A | | |
| 63733 | | XA301 | 39 | | XA301 | 53 | | | | 16B | 9 | | | | | | | | 18B | | |
| 63799 | | XA301 | 40 | | XA304 | 41 | | | | 16B | 9 | | | | | | | | 18B | | |
| 63732 | | XA301 | 41 | | XA301 | 39 | | | | 16B | 9 | | | | | | | | 19A | | A05 |
| 62639 | | XA301 | 42 | | | | | | | | | | | | | | | | 22B | | |
| 63262 | | XA301 | 43 | | | | | | | | | | | | | | | | 20A | | A05 |
| 60391 | | XA301 | 44 | | | | | | | | | | | | | | | | 23B | I/O STATE COUNTER | |
| 64964 | | XA301 | 45 | | | | | | | | | | | | | | | | 27A | | |
| 63623 | | XA301 | 46 | | XA202 | 21 | | | | 16B | 9 | | | | | | | | 24B | | |
| 63242 | | XA301 | 47 | | XA309 | 62 | | | | 16B | 9 | | | | | | | | 21A | | |
| 63253 | | XA301 | 48 | | XA302 | 49 | | | | 16B | 9 | | | | | | | | 25B | | |
| 63250 | | XA301 | 49 | | | | | | | | | | | | | | | | 22A | | |
| 63231 | | XA301 | 50 | | XA301 | 52 | | | | 16B | 9 | | | | | | | | 24B | I/O STATE COUNTER | |
| 63788 | | XA301 | 51 | | XA302 | 51 | | | | 16B | 9 | | | | | | | | 23A | | |
| 63232 | | XA301 | 52 | | XA302 | 52 | | | | 16B | 9 | | | | | | | | 27B | | |
| 63734 | | XA301 | 53 | | XA302 | 65 | | | | 16B | 9 | | | | | | | | 24A | | |
| 63263 | | XA301 | 54 | | XA302 | 45 | | | | 16B | 9 | | | | | | | | 28B | | |
| 63465 | | XA301 | 55 | | | | | | | | | | | | | | | | 29A | | |
| 63620 | | XA301 | 56 | | XA302 | 56 | | | | 16B | 9 | | | | | | | | 29B | INPUT BYTE COUNTER | |
| 63453 | | XA301 | 57 | | XA319 | 48 | | | | 16B | 9 | | | | | | | | 26A | | |
| 60392 | | XA301 | 58 | | | | | | | | | | | | | | | | 30B | | |
| 63402 | | XA301 | 59 | | | | | | | | | | | | | | | | 40A | | |
| 63394 | | XA301 | 60 | | XA303 | 60 | | | | 16B | 9 | | | | | | | | 31B | | |
| 63405 | | XA301 | 61 | | | | | | | | | | | | | | | | 28A | | |
| 63470 | | XA301 | 62 | | XA301 | 79 | | | | 16B | 9 | | | | | | | | 32B | INPUT STROBE COUN | |
| 63787 | | XA301 | 63 | | XA301 | 51 | | | | 16B | 9 | | | | | | | | 29A | | |
| 63372 | | XA301 | 64 | | XA301 | 66 | | | | 16B | 9 | | | | | | | | 33B | | |
| 63786 | | XA301 | 65 | | XA301 | 63 | | | | 16B | 9 | | | | | | | | 30A | | |
| 63373 | | XA301 | 66 | | XA304 | 66 | | | | 16B | 9 | | | | | | | | 34B | | |
| 60393 | | XA301 | 67 | | | | | | | | | | | | | | | | 31A | | |
| 63399 | | XA301 | 68 | | | | | | | | | | | | | | | | 40B | | |
| 63509 | | XA301 | 69 | | | | | | | | | | | | | | | | 32A | | |
| 63630 | | XA301 | 70 | | | | | | | | | | | | | | | | 35A | | |
| 63501 | | XA301 | 71 | | XA303 | 74 | | | | 16B | 9 | | | | | | | | 33A | | |
| 63619 | | XA301 | 72 | | XA301 | 56 | | | | 16B | 9 | | | | | | | | 34A | | |
| 63484 | | XA301 | 73 | | XA302 | 78 | | | | 16B | 9 | | | | | | | | 34B | | |
| 64972 | | XA301 | 74 | | | | | | | | | | | | | | | | 35B | REQUEST STROBE CO | |
| 61844 | | XA301 | 75 | | XA301 | 36 | | | | 16B | 9 | | | | | | | | 37B | | |
| 63421 | | XA301 | 76 | | XA207 | 73 | | | | 16B | 9 | | | | | | | | 37A | | |
| 62999 | | XA301 | 77 | | | | | | | | | | | | | | | | 38B | | |
| 63423 | | XA301 | 78 | | XA336 | 45 | | | | 16B | 9 | | | | | | | | 38A | INPUT INTERRUPT C | |
| 63471 | | XA301 | 79 | | | | | | | | | | | | | | | | 39B | | |
| CONNECTOR | | XA301 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA301
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 176

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|----|--------|-----------|-----|--------|-------------|------|-------|------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | TO | PREFIX | CONNECTOR | PIN | OR IFC | MULTI GROUP | CODE | COLOR | IDEN | | | | | | | | | | | |
| 63413 | | XA301 | 80 | | | XA303 | 53 | | | 16B | 9 | | QXXDIA | 01 | QXXDIO | 01 | 1 | TDD | LQ | | 39A | | |
| 62554 | | XA302 | 01 | | | XA303 | 10 | | | 16B | 9 | | QDLCKA | 04 | QDLQ2N | 01 | 1 | TDD | BN | | 02B | | |
| 60394 | | XA302 | 02 | | | | | | | | | | GND | 01 | | | | TDD | | | 01B | | |
| 63726 | | XA302 | 03 | | | XA304 | 03 | | | 16B | 9 | | SPI0023 | 26 | QDLQ2Q | 01 | 1 | TDD | BQ | | 02A | | |
| 62670 | | XA302 | 04 | | | XA301 | 22 | | | 16B | 9 | | QDLCA | 02 | QDLQ2P | 01 | 1 | TDD | BP | | 04A | | |
| 62566 | | XA302 | 05 | | | XA301 | 25 | | | 16B | 9 | | QDLQ1Q | 01 | QDLQ2I | 01 | 1 | TDD | BI | | 03B | | |
| 62592 | | XA302 | 06 | | | XA304 | 04 | | | 16B | 9 | | SPI0253 | 03 | | | | TDD | AP | | 05A | | |
| 62569 | | XA302 | 07 | | | | | | | | | | QDLQ2Q | 02 | QDLQ2Q | 00 | 1 | TDD | BQ | | 03A | | |
| 62548 | | XA302 | 08 | | | XA304 | 05 | | | 16B | 9 | | SPI0263 | 03 | | | | TDD | AI | | 06A | | |
| 64903 | | XA302 | 09 | | | | | | | | | M | QDLQ2P | 01 | QDLQ2P | 00 | 1 | TDD | BP | | 04B | | |
| 62924 | | XA302 | 10 | | | XA304 | 01 | | | 16B | 9 | | SPI0243 | 02 | | | | TDD | AN | | 07A | | |
| 64901 | | XA302 | 11 | | | | | | | | | | SPO | 01 | | | | TDD | AP | | 05B | | |
| 60055 | | XA302 | 12 | | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 62547 | | XA302 | 13 | | | | | | | | | | SPO | 04 | | | | TDD | AQ | | 06B | | |
| 62575 | | XA302 | 14 | | | XA303 | 11 | | | 16B | 9 | | QDLQ5P | 02 | QDLQ6N | 01 | 1 | TDD | DN | | 09A | | |
| 63795 | | XA302 | 15 | | | XA301 | 15 | | | 16B | 9 | | SPI0043 | 21 | | | | TDD | AQ | | 07B | | |
| 60395 | | XA302 | 16 | | | | | | | | | | GND | 01 | | | | TDD | | | 20B | | |
| 63723 | | XA302 | 17 | | | XA301 | 17 | | | 16B | 9 | | SPI0023 | 23 | QDLQ6Q | 01 | 1 | TDD | DQ | | 08B | | |
| 62578 | | XA302 | 18 | | | | | | | | | | QDLQ6A | 02 | QDLQ6I | 01 | 1 | TDD | DI | | 10A | | |
| 62582 | | XA302 | 19 | | | | | | | | | | QDLQ6Q | 02 | QDLQ6Q | 00 | 1 | TDD | DQ | | 09B | | |
| 62673 | | XA302 | 20 | | | XA302 | 22 | | | 16B | 9 | | QDLCA | 05 | QDLQ6P | 01 | 1 | TDD | DP | | 11A | | |
| 62580 | | XA302 | 21 | | | | | | | | | | QDLQ6P | 02 | QDLQ6P | 00 | 1 | TDD | DP | | 10B | | |
| 62674 | | XA302 | 22 | | | XA307 | 27 | | | 16B | 9 | | QDLCA | 06 | QDLQ4P | 01 | 1 | TDD | CP | | 12A | | |
| 64905 | | XA302 | 23 | | | | | | | | | M | QDLQ4P | 01 | QDLQ4P | 00 | 1 | TDD | CP | | 11B | | |
| 62570 | | XA302 | 24 | | | XA301 | 19 | | | 16B | 9 | | QDLQ3Q | 01 | QDLQ4T | 01 | 1 | TDD | CI | | 13A | | |
| 62573 | | XA302 | 25 | | | | | | | | | | QDLQ4Q | 02 | QDLQ4Q | 00 | 1 | TDD | CQ | | 12B | | |
| 62551 | | XA302 | 26 | | | XA301 | 26 | | | 16B | 9 | | QDLCA | 01 | QDLQ4N | 01 | 1 | TDD | CN | | 14A | | |
| 63798 | | XA302 | 27 | | | XA301 | 40 | | | 16B | 9 | | SPI0043 | 24 | QDLQ4Q | 01 | 1 | TDD | CQ | | 13B | | |
| 60056 | | XA302 | 28 | | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 63737 | | XA302 | 29 | | | XA202 | 13 | | | 16B | 9 | | SPI0023 | 37 | QXIR1Q | 01 | 1 | TDD | FQ | | 14B | | |
| 61521 | | XA302 | 30 | | | XA304 | 14 | | | 16B | 9 | | PXCP1B | 06 | QXIR1N | 01 | 1 | TDD | FN | | 15A | | |
| 63035 | | XA302 | 31 | | | | | | | | | | QXIR1Q | 02 | QXIR1Q | 00 | 1 | TDD | FQ | | 15B | | |
| 60396 | | XA302 | 32 | | | | | | | | | | GND | 01 | | | | TDD | | | 21B | | |
| 64949 | | XA302 | 33 | | | | | | | | | M | QXIR1P | 01 | QXIR1P | 00 | 1 | TDD | FP | | 16B | | |
| 63028 | | XA302 | 34 | | | XA301 | 31 | | | 16B | 9 | | QXIR0Q | 02 | QXIR1I | 01 | 1 | TDD | FI | | 16A | | |
| 62640 | | XA302 | 35 | | | | | | | | | M | QLPT4P | 02 | QLPT4P | 00 | 1 | TDD | EP | | 17B | | |
| 61846 | | XA302 | 36 | | | XA302 | 38 | | | 16B | 9 | | PXRS1B | 10 | QXIR1P | 01 | 1 | TDD | FP | | 17A | | |
| 62642 | | XA302 | 37 | | | XA301 | 42 | | | 16B | 9 | | QLPT4Q | 02 | QLPT4Q | 00 | 1 | TDD | EQ | | 18B | | |
| 61847 | | XA302 | 38 | | | XA303 | 29 | | | 16B | 9 | | PXRS1B | 11 | QLPT4P | 01 | 1 | TDD | EP | | 18A | | |
| 62636 | | XA302 | 39 | | | XA308 | 55 | | | 16B | 9 | | QLPT1A | 02 | QLPT4Q | 01 | 1 | TDD | EQ | | 19B | | |
| 63800 | | XA302 | 40 | | | XA337 | 13 | | | 16B | 9 | | PXGN5A | 00 | QLPT4I | 01 | 1 | TDD | EI | | 19A | | |
| 63731 | | XA302 | 41 | | | XA301 | 41 | | | 16B | 9 | | SPI0023 | 31 | QXXA3Q | 01 | 1 | TDD | HQ | | 22B | | |
| 62941 | | XA302 | 42 | | | XA306 | 10 | | | 16B | 9 | | QXEA0A | 04 | QLPT4N | 01 | 1 | TDD | EN | | 20A | | |
| 63268 | | XA302 | 43 | | | | | | | | | | QXXA3Q | 03 | QXXA3Q | 00 | 1 | TDD | HQ | | 23B | | |
| 60397 | | XA302 | 44 | | | | | | | | | | GND | 01 | | | | TDD | | | 27A | | |
| 63264 | | XA302 | 45 | | | XA303 | 30 | | | 16B | 9 | | QXXA3P | 02 | QXXA3P | 00 | 1 | TDD | HP | | 24B | | |
| 63622 | | XA302 | 46 | | | XA301 | 46 | | | 16B | 9 | | Q16MH0 | 06 | QXXA3N | 01 | 1 | TDD | HN | | 21A | | |
| 63251 | | XA302 | 47 | | | XA309 | 47 | | | 16B | 9 | | QXXA1P | 01 | QXXA1P | 00 | 1 | TDD | GP | | 25B | | |
| CONNECTOR XA302 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA302
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 177

| RECORD NUMBER | FROM | | | TO | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|----|--------|-----------|-----|-------------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|-------------------|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | MULTI GROUP | | | | | | | | | | | |
| 63261 | | XA302 | 48 | | XA301 | 43 | | | 16B | 9 | | | | 01 | 1 | TDD | HI | 22A | |
| 63254 | | XA302 | 49 | | XA309 | 64 | | | 16B | 9 | | | | 00 | 1 | TDD | GO | 26B | I/O STATE COUNTER |
| 63234 | | XA302 | 50 | | XA303 | 33 | | | 16B | 9 | | | | 01 | 1 | TDD | HP | 23A | |
| 63789 | | XA302 | 51 | | XA303 | 51 | | | 16B | 9 | | | | 01 | 1 | TDD | GO | 27B | |
| 63233 | | XA302 | 52 | | XA302 | 50 | | | 16B | 9 | | | | 01 | 1 | TDD | GP | 24A | |
| 63032 | | XA302 | 53 | | XA307 | 69 | | | 16B | 9 | | | | 01 | 1 | TDD | KQ | 28B | |
| 63249 | | XA302 | 54 | | XA301 | 49 | | | 16B | 9 | | | | 01 | 1 | TDD | GT | 25A | |
| 63443 | | XA302 | 55 | | XA312 | 40 | | | 16B | 9 | | | | 01 | 1 | TDD | KQ | 29B | INPUT STATUS CONT |
| 63621 | | XA302 | 56 | | XA302 | 46 | | | 16B | 9 | | | | 01 | 1 | TDD | GN | 26A | |
| 63440 | | XA302 | 57 | | XA311 | 56 | | | 16B | 9 | | | | 00 | 1 | TDD | KP | 30B | |
| 60398 | | XA302 | 58 | | | | | | GND | | | | | | | TDD | | 40A | |
| 63306 | | XA302 | 59 | | | | | | QXXBOP | 04 | QXXBOP | | | 00 | 1 | TDD | JP | 31B | |
| 63469 | | XA302 | 60 | | XA301 | 62 | | | 16B | 9 | | | | 01 | 1 | TDD | KN | 28A | |
| 63307 | | XA302 | 61 | | XA303 | 54 | | | 16B | 9 | | | | 00 | 1 | TDD | JO | 32B | I/O BYTE COUNTER |
| 62996 | | XA302 | 62 | | XA303 | 77 | | | 16B | 9 | | | | 01 | 1 | TDD | KI | 29A | |
| 63785 | | XA302 | 63 | | XA301 | 65 | | | 16B | 9 | | | | 01 | 1 | TDD | JK | 33B | |
| 61841 | | XA302 | 64 | | XA303 | 75 | | | 16B | 9 | | | | 01 | 1 | TDD | KP | 30A | |
| 63735 | | XA302 | 65 | | XA304 | 71 | | | 16B | 9 | | | | 01 | 1 | TDD | MQ | 34B | |
| 63288 | | XA302 | 66 | | XA303 | 52 | | | 16B | 9 | | | | 01 | 1 | TDD | JP | 31A | |
| 60399 | | XA302 | 67 | | | | | | GND | | | | | | | TDD | | 40B | |
| 63334 | | XA302 | 68 | | | | | | QXXB2P | 05 | QXXB0I | | | 01 | 1 | TDD | JI | 32A | |
| 62628 | | XA302 | 69 | | XA305 | 34 | | | 16B | 9 | | | | 00 | 1 | TDD | MP | 35A | |
| 63297 | | XA302 | 70 | | | | | | QXXB0Q | 04 | QXXB0N | | | 01 | 1 | TDD | JN | 33A | |
| 63781 | | XA302 | 71 | | XA315 | 68 | | | 16B | 9 | | | | 01 | 1 | TDD | MI | 36A | CPU-B |
| 62603 | | XA302 | 72 | | XA208 | 60 | | | 16B | 9 | | | | 01 | 1 | TDD | MN | 34A | |
| 62615 | | XA302 | 73 | | XA209 | 60 | | | 16B | 9 | | | | 01 | 1 | TDD | MP | 36B | |
| 62632 | | XA302 | 74 | | | | | | QE080Q | 02 | QE080Q | | | 00 | 1 | TDD | MQ | 35B | |
| 61843 | | XA302 | 75 | | XA301 | 75 | | | 16B | 9 | | | | 01 | 1 | TDD | LP | 37B | |
| 64969 | | XA302 | 76 | | | | | | QXXRCP | 07 | QXXRCP | | | 00 | 1 | TDD | LP | 37A | |
| 62998 | | XA302 | 77 | | XA301 | 77 | | | 16B | 9 | | | | 01 | 1 | TDD | LT | 38B | |
| 63485 | | XA302 | 78 | | XA303 | 73 | | | 16B | 9 | | | | 00 | 1 | TDD | LQ | 38A | REQUEST CONTROL F |
| 63508 | | XA302 | 79 | | XA301 | 69 | | | 16B | 9 | | | | 01 | 1 | TDD | LN | 39B | |
| 63482 | | XA302 | 80 | | XA310 | 69 | | | 16B | 9 | | | | 01 | 1 | TDD | LQ | 39A | |
| 62635 | | XA303 | 01 | | XA302 | 39 | | | 16B | 9 | | | | 01 | 1 | TDD | BN | 02B | |
| 60400 | | XA303 | 02 | | | | | | GND | | | | | | | TDD | | 01B | |
| 63535 | | XA303 | 03 | | XA203 | 55 | | | 16B | 9 | | | | 01 | 1 | TDD | BQ | 02A | |
| 61852 | | XA303 | 04 | | XA202 | 70 | | | 16B | 9 | | | | 01 | 1 | TDD | BP | 04A | |
| 62993 | | XA303 | 05 | | XA304 | 54 | | | 16B | 9 | | | | 01 | 1 | TDD | BT | 03B | |
| 62669 | | XA303 | 06 | | XA302 | 04 | | | 16B | 9 | | | | 01 | 1 | TDD | AP | 05A | |
| 62648 | | XA303 | 07 | | | | | | QLTS1Q | 02 | QLTS1Q | | | 00 | 1 | TDD | BQ | 03A | |
| 62572 | | XA303 | 08 | | XA302 | 25 | | | 16B | 9 | | | | 01 | 1 | TDD | AI | 06A | |
| 64908 | | XA303 | 09 | | | | | | QDLQ4Q | 01 | QDLQ5T | | | 01 | 1 | TDD | BP | 04B | |
| 62555 | | XA303 | 10 | | XA306 | 01 | | | 16B | 9 | | | | 00 | 1 | TDD | BP | 04B | |
| 62576 | | XA303 | 11 | | | | | | QDLCKA | 05 | QDLQ5N | | | 01 | 1 | TDD | AN | 07A | |
| 60057 | | XA303 | 12 | | | | | | QDLQ5P | 03 | QDLQ5P | | | 00 | 1 | TDD | AP | 05B | |
| 64906 | | XA303 | 13 | | | | | | +5V | | | | | | | TDD | | | |
| 62952 | | XA303 | 14 | | XA307 | 72 | | | 16B | 9 | | | | 00 | 1 | TDD | AQ | 06B | |
| 63794 | | XA303 | 15 | | XA302 | 15 | | | 16B | 9 | | | | 01 | 1 | TDD | DN | 09A | |
| | | | | | | | | | SPI0043 | 20 | QDLQ5Q | | | 01 | 1 | TDD | AQ | 07B | |
| CONNECTOR (XA303) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA303
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 178

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | LCO NO |
|---|--------|-----------|-----|------|--------|-----------|-----|------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | ENFC | PREFIX | CONNECTOR | PIN | ENFC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 60401 | | XA303 | 16 | | | | | | | | | | GND | 01 | | | | TDD | | | 20B | | |
| 62948 | | XA303 | 17 | | | | | | | | | | QXEBOA | 02 | QXEBOO | 01 | 1 | TDD | DO | | 08B | | |
| 62987 | | XA303 | 18 | | | XA301 | 34 | | | 16B | 9 | | QXGNIA | 12 | QXEBOI | 01 | 1 | TDD | DI | | 10A | | |
| 62950 | | XA303 | 19 | | | | | | | | | | QXEBOG | 02 | QXEBOO | 00 | 1 | TDD | DO | | 09B | EOB SYNC COUNTER | |
| 61849 | | XA303 | 20 | | | XA304 | 20 | | | 16B | 9 | | PXRS1B | 13 | QXEBO P | 01 | 1 | TDD | DP | | 11A | | |
| 64946 | | XA303 | 21 | | | | | | | | | | QXEBO P | 01 | QXEBO P | 00 | 1 | TDD | DP | | 10B | | |
| 60814 | | XA303 | 22 | | | XA304 | 22 | | | 16B | 9 | | PDVCLA | 04 | QSTR1P | 01 | 1 | TDD | CP | | 12A | | |
| 62701 | | XA303 | 23 | | | | | | | | | | QSTR1P | 02 | QSTR1P | 00 | 1 | TDD | CP | | 11B | | |
| 62705 | | XA303 | 24 | | | | | | | | | | QSTR80 | 02 | QSTR1I | 01 | 1 | TDD | CI | | 13A | | |
| 64911 | | XA303 | 25 | | | | | | | | | | QSTR10 | 01 | QSTR1Q | 00 | 1 | TDD | CO | | 12B | | |
| 62923 | | XA303 | 26 | | | XA304 | 26 | | | 16B | 9 | | QX1110 | 01 | QSTR1N | 01 | 1 | TDD | CN | | 14A | | |
| 63791 | | XA303 | 27 | | | XA304 | 27 | | | 16B | 9 | | SPI0043 | 17 | QSTR10 | 01 | 1 | TDD | CO | | 13B | | |
| 60058 | | XA303 | 28 | | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 61848 | | XA303 | 29 | | | XA303 | 20 | | | 16B | 9 | | PXRS1B | 12 | QXXACQ | 01 | 1 | TDD | FO | | 14B | | |
| 63265 | | XA303 | 30 | | | | | | | | | | QXXA3P | 03 | QXXACN | 01 | 1 | TDD | FN | | 15A | | |
| 64963 | | XA303 | 31 | | | | | | | | | | QXXACQ | 01 | QXXACQ | 00 | 1 | TDD | FQ | | 15B | I/O STATE COUNTER | |
| 60402 | | XA303 | 32 | | | | | | | | | | GND | 01 | | | | TDD | | | 21B | | |
| 63235 | | XA303 | 33 | | | | | | | | | | QXXACP | 05 | QXXACP | 00 | 1 | TDD | FP | | 16B | | |
| 63728 | | XA303 | 34 | | | XA304 | 39 | | | 16B | 9 | | SPI0023 | 28 | QXXACT | 01 | 1 | TDD | FI | | 16A | | |
| 64959 | | XA303 | 35 | | | | | | | | | | QXSTOP | 01 | QXSTOP | 00 | 1 | TDD | EP | | 17B | | |
| 63238 | | XA303 | 36 | | | XA309 | 45 | | | 16B | 9 | | QXXADA | 01 | QXXACP | 01 | 1 | TDD | FP | | 17A | | |
| 63195 | | XA303 | 37 | | | | | | | | | | QXST00 | 02 | QXST00 | 00 | 1 | TDD | EQ | | 18B | STOP SYNC COUNTER | |
| 63802 | | XA303 | 38 | | | XA304 | 38 | | | 16B | 9 | | SPI0043 | 28 | QXSTOP | 01 | 1 | TDD | EP | | 18A | | |
| 63202 | | XA303 | 39 | | | | | | | | | | QXST2A | 02 | QXST0Q | 01 | 1 | TDD | EQ | | 19B | | |
| 62985 | | XA303 | 40 | | | | | | | | | | QXGNIA | 14 | QXST0I | 01 | 1 | TDD | EI | | 19A | | |
| 63730 | | XA303 | 41 | | | XA302 | 41 | | | 16B | 9 | | SPI0023 | 30 | QXXC0Q | 01 | 1 | TDD | HQ | | 22B | | |
| 63198 | | XA303 | 42 | | | | | | | | | | QXST1A | 03 | QXSTON | 01 | 1 | TDD | EN | | 20A | | |
| 63386 | | XA303 | 43 | | | | | | | | | | QXXC0Q | 02 | QXXC0Q | 00 | 1 | TDD | HQ | | 23B | INPUT STROBE COUN | |
| 60403 | | XA303 | 44 | | | | | | | | | | GND | 01 | | | | TDD | | | 27A | | |
| 64965 | | XA303 | 45 | | | | | | | | | | QXXCOP | 01 | QXXCOP | 00 | 1 | TDD | HP | | 24B | | |
| 63626 | | XA303 | 46 | | | XA304 | 46 | | | 16B | 9 | | Q16M10 | 02 | QXXCON | 01 | 1 | TDD | HN | | 21A | | |
| 63317 | | XA303 | 47 | | | | | | | | | | QXXB1P | 03 | QXXB1P | 00 | 1 | TDD | GP | | 25B | | |
| 63400 | | XA303 | 48 | | | XA304 | 56 | | | 16B | 9 | | QXXC4P | 01 | QXXC0I | 01 | 1 | TDD | HI | | 22A | | |
| 63321 | | XA303 | 49 | | | | | | | | | | QXXB1Q | 04 | QXXB1Q | 00 | 1 | TDD | GQ | | 26B | I/O BYTE COUNTER | |
| 63377 | | XA303 | 50 | | | XA304 | 50 | | | 16B | 9 | | QXXCR0 | 06 | QXXCOP | 01 | 1 | TDD | HP | | 23A | | |
| 63790 | | XA303 | 51 | | | XA303 | 27 | | | 16B | 9 | | SPI0043 | 16 | QXXB1Q | 01 | 1 | TDD | GQ | | 27B | | |
| 63289 | | XA303 | 52 | | | XA304 | 36 | | | 16B | 9 | | QXXBCA | 02 | QXXB1P | 01 | 1 | TDD | GP | | 24A | | |
| 63414 | | XA303 | 53 | | | XA309 | 69 | | | 16B | 9 | | QXXDIA | 02 | QXXD1Q | 01 | 1 | TDD | KQ | | 28B | | |
| 63308 | | XA303 | 54 | | | XA309 | 59 | | | 16B | 9 | | QXXB0Q | 02 | QXXB1I | 01 | 1 | TDD | GI | | 25A | | |
| 63481 | | XA303 | 55 | | | | | | | | | | QXXD1Q | 10 | QXXD1Q | 00 | 1 | TDD | KQ | | 29B | INPUT BYTE COUNTER | |
| 63296 | | XA303 | 56 | | | XA302 | 70 | | | 16B | 9 | | QXXBK0 | 03 | QXXB1N | 01 | 1 | TDD | GN | | 26A | | |
| 63468 | | XA303 | 57 | | | XA302 | 60 | | | 16B | 9 | | QXXD1P | 03 | QXXD1P | 00 | 1 | TDD | KP | | 30B | | |
| 60404 | | XA303 | 58 | | | | | | | | | | GND | 01 | | | | TDD | | | 40A | | |
| 64967 | | XA303 | 59 | | | | | | | | | | QXXC2P | 01 | QXXC2P | 00 | 1 | TDD | JP | | 31B | | |
| 63395 | | XA303 | 60 | | | XA304 | 59 | | | 16B | 9 | | QXXC3P | 02 | QXXD1N | 01 | 1 | TDD | KN | | 28A | | |
| 63393 | | XA303 | 61 | | | | | | | | | | QXXC2Q | 05 | QXXC2Q | 00 | 1 | TDD | JQ | | 32B | INPUT STROBE COUN | |
| 63464 | | XA303 | 62 | | | XA301 | 55 | | | 16B | 9 | | QXXD0Q | 09 | QXXD1I | 01 | 1 | TDD | KI | | 29A | | |
| 63784 | | XA303 | 63 | | | XA302 | 63 | | | 16B | 9 | | SPI0043 | 10 | QXXC2Q | 01 | 1 | TDD | JQ | | 33B | | |
| 63376 | | XA303 | 64 | | | XA303 | 50 | | | 16B | 9 | | QXXCR0 | 05 | QXXD1P | 01 | 1 | TDD | KP | | 30A | | |
| 63783 | | XA303 | 65 | | | XA303 | 63 | | | 16B | 9 | | SPI0043 | 09 | QXXR1Q | 01 | 1 | TDD | MQ | | 34B | | |
| CONNECTOR (XA303) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA303
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 179

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------------|------|-------|-------|--------|------------|----------|--------|------------------|-------|---------------------|--------------------|----------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | |
| 63375 | | XA303 | 66 | | XA303 | 64 | | 16B | 9 | | | QXXCR0 GND | 04 01 | QXXC2P | 01 1 | TDD | JP | 31A | | |
| 60405 | | XA303 | 67 | | | | | | | | | | | | | | | 40B | | |
| 63387 | | XA303 | 68 | | XA304 | 43 | | 16B | 9 | | | QXXC1Q | 01 | QXXC2I | 01 1 | TDD | JI | 32A | | |
| 64971 | | XA303 | 69 | | | | | | | | | QXXR1P | 01 | QXXR1P | 00 1 | TDD | MP | 35A | | |
| 63629 | | XA303 | 70 | | XA301 | 70 | | 16B | 9 | | | Q16MI0 | 05 | QXXC2N | 01 1 | TDD | JN | 33A | | |
| 63497 | | XA303 | 71 | | XA304 | 78 | | 16B | 9 | | | QXXR0Q | 01 | QXXR1I | 01 1 | TDD | MI | 36A | | |
| 63618 | | XA303 | 72 | | XA301 | 72 | | 16B | 9 | | | Q16MH0 | 02 | QXXR1N | 01 1 | TDD | MN | 34A | | |
| 63486 | | XA303 | 73 | | XA304 | 75 | | 16B | 9 | | | QXXRCQ | 03 | QXXR1P | 01 1 | TDD | MP | 36B | | |
| 63502 | | XA303 | 74 | | XA205 | 79 | | 16B | 9 | | | QXXR1Q | 02 | QXXR1Q | 00 1 | TDD | MO | 35B | REQUEST STROBE CO | |
| 61842 | | XA303 | 75 | | XA302 | 75 | | 16B | 9 | | | PXRS1B | 06 | QXXREP | 01 1 | TDD | LP | 37B | | |
| 63491 | | XA303 | 76 | | XA310 | 74 | | 16B | 9 | | | QXXREP | 02 | QXXREP | 00 1 | TDD | LP | 37A | | |
| 62997 | | XA303 | 77 | | XA302 | 77 | | 16B | 9 | | | QXGN4A | 10 | QXXREI | 01 1 | TDD | LI | 38B | | |
| 64970 | | XA303 | 78 | | XA312 | 34 | | 16B | 9 | | | QXXREQ | 01 | QXXREQ | 00 1 | TDD | LQ | 38A | REQUEST ENABLE F/A05 | |
| 62940 | | XA303 | 79 | | XA302 | 42 | | 16B | 9 | | | QXEAOA | 03 | QXXREN | 01 1 | TDD | LN | 39B | | |
| 63496 | | XA303 | 80 | | | | | | | | | QXXROP | 02 | QXXREQ | 01 1 | TDD | LQ | 39A | | |
| 62927 | | XA304 | 01 | | XA316 | 19 | | 16B | 9 | | | SPI0243 | 03 | | 01 1 | TDD | BN | 02B | | A03 |
| 60406 | | XA304 | 02 | | | | | | | | | GND | 01 | | | | | 01B | | |
| 63727 | | XA304 | 03 | | XA303 | 34 | | 16B | 9 | | | SPI0023 | 27 | | 01 1 | TDD | BQ | 02A | | |
| 60816 | | XA304 | 04 | | XA308 | 77 | | 16B | 9 | | | SPI0253 | 04 | | 01 1 | TDD | BP | 04A | | |
| 62686 | | XA304 | 05 | | XA316 | 78 | | 16B | 9 | | | SPI0263 | 04 | | 01 1 | TDD | BI | 03B | | A03 |
| 61851 | | XA304 | 06 | | XA303 | 04 | | 16B | 9 | | | PXRS1B | 15 | QLTS2P | 01 1 | TDD | AP | 05A | | |
| 62684 | | XA304 | 07 | | | | | | | | | SPO | 01 | | 00 1 | TDD | BQ | 03A | | |
| 62647 | | XA304 | 08 | | XA303 | 07 | | 16B | 9 | | | QLTS1Q | 01 | QLTS2I | 01 1 | TDD | AI | 06A | | |
| 64910 | | XA304 | 09 | | | | | | | | | SPO | 01 | | 00 1 | TDD | BP | 04B | | |
| 61523 | | XA304 | 10 | | XA205 | 52 | | 16B | 9 | | | PXCP1B | 08 | QLTS2N | 01 1 | TDD | AN | 07A | | |
| 64909 | | XA304 | 11 | | | | | | | | | QLTS2P | 01 | QLTS2P | 00 1 | TDD | AP | 05B | | |
| 60059 | | XA304 | 12 | | | | | | | | | +5V | 01 | | | | | | | |
| 62650 | | XA304 | 13 | | | | | | | | | QLTS2Q | 02 | QLTS2Q | 00 1 | TDD | AQ | 06B | | |
| 61522 | | XA304 | 14 | | XA304 | 10 | | 16B | 9 | | | PXCP1B | 07 | QXEB1N | 01 1 | TDD | DN | 09A | | |
| 63793 | | XA304 | 15 | | XA303 | 15 | | 16B | 9 | | | SPI0043 | 19 | QLTS2Q | 01 1 | TDD | AQ | 07B | | |
| 60407 | | XA304 | 16 | | | | | | | | | GND | 01 | | | | | 20B | | |
| 63722 | | XA304 | 17 | | XA302 | 17 | | 16B | 9 | | | SPI0023 | 22 | QXEB1Q | 01 1 | TDD | DQ | 08B | | |
| 62949 | | XA304 | 18 | | XA303 | 19 | | 16B | 9 | | | QXEB0Q | 01 | QXEB1Y | 01 1 | TDD | DI | 10A | | |
| 62955 | | XA304 | 19 | | | | | | | | | QXEB1Q | 02 | QXEB1Q | 00 1 | TDD | DQ | 09B | FOB SYNC COUNTER | |
| 61850 | | XA304 | 20 | | XA304 | 06 | | 16B | 9 | | | PXRS1B | 14 | QXEB1P | 01 1 | TDD | DP | 11A | | |
| 64947 | | XA304 | 21 | | | | | | | | | QXEB1P | 01 | QXEB1P | 00 1 | TDD | DP | 10B | | |
| 60815 | | XA304 | 22 | | XA201 | 66 | | 16B | 9 | | | PDVCLA | 05 | QSTR2P | 01 1 | TDD | CP | 12A | | |
| 62702 | | XA304 | 23 | | XA209 | 73 | | 16B | 9 | | | QSTR2P | 01 | QSTR2P | 00 1 | TDD | CP | 11B | | |
| 62706 | | XA304 | 24 | | XA307 | 39 | | 16B | 9 | | | QSTR9Q | 01 | QSTR2I | 01 1 | TDD | CI | 13A | | |
| 64912 | | XA304 | 25 | | | | | | | | | QSTR2Q | 01 | QSTR2Q | 00 1 | TDD | CQ | 12B | | |
| 62922 | | XA304 | 26 | | XA307 | 15 | | 16B | 9 | | | QX1110 | 02 | QSTR2N | 01 1 | TDD | CN | 14A | | |
| 63792 | | XA304 | 27 | | XA304 | 15 | | 16B | 9 | | | SPI0043 | 18 | QSTR2Q | 01 1 | TDD | CQ | 13B | | |
| 60060 | | XA304 | 28 | | | | | | | | | +5V | 01 | | | | | | | |
| 63838 | | XA304 | 29 | | XA304 | 65 | | 16B | 9 | | | SPI0053 | 27 | QXXB2Q | 01 1 | TDD | EQ | 14B | | |
| 63295 | | XA304 | 30 | | XA303 | 56 | | 16B | 9 | | | QXXBK0 | 02 | QXXB2N | 01 1 | TDD | FN | 15A | | |
| 63337 | | XA304 | 31 | | | | | | | | | QXXB2Q | 03 | QXXB2Q | 00 1 | TDD | EQ | 15B | T/O BYTE COUNTER | |
| 60408 | | XA304 | 32 | | | | | | | | | GND | 01 | | | | | 21B | | |
| 63333 | | XA304 | 33 | | XA302 | 68 | | 16B | 9 | | | QXXB2P | 04 | QXXB2P | 00 1 | TDD | FP | 16B | | |
| CONNECTOR (XA304) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA304
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 180

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | PROP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|------|--------|---------|----------|--------|------|------------------|------|---------------------|--------------------|--------------------|---------------------|
| | PREFIX | CONNECTOR | PIN | DR FC | PREFIX | CONNECTOR | PIN | DR FC | MULTI GROUP | CODE | COLOR | IDEN | | | | | | | | | | | |
| 63320 | | XA304 | 34 | | | | | | | | | | | QXXB1Q | 03 | QXXB2I | 01 | 1 | TDD | FI | | 16A | |
| 64960 | | XA304 | 35 | | XA303 | 49 | | | 16B | 9 | | | M | QXST1P | 01 | QXST1P | 00 | 1 | TDD | EP | | 17B | |
| 63290 | | XA304 | 36 | | | | | | 16B | 9 | | | | QXXBCA | 03 | QXXB2P | 01 | 1 | TDD | FP | | 17A | |
| 63200 | | XA304 | 37 | | XA310 | 45 | | | | | | | | QXST1Q | 02 | QXST1Q | 00 | 1 | TDD | EQ | | 18B | STOP SYNC COUNTER |
| 63803 | | XA304 | 38 | | XA306 | 37 | | | 16B | 9 | | | | SPI0043 | 29 | QXST1P | 01 | 1 | TDD | EP | | 18A | |
| 63729 | | XA304 | 39 | | XA303 | 41 | | | 16B | 9 | | | | SPI0023 | 29 | QXST1Q | 01 | 1 | TDD | EQ | | 19B | |
| 63194 | | XA304 | 40 | | XA303 | 37 | | | 16B | 9 | | | | QXST0Q | 01 | QXST1I | 01 | 1 | TDD | EI | | 19A | |
| 63801 | | XA304 | 41 | | XA303 | 38 | | | 16B | 9 | | | | SPI0043 | 27 | QXXC1Q | 01 | 1 | TDD | HQ | | 22B | |
| 61520 | | XA304 | 42 | | XA302 | 30 | | | 16B | 9 | | | | PXCPIB | 05 | QXST1N | 01 | 1 | TDD | EN | | 20A | |
| 63388 | | XA304 | 43 | | | | | | | | | | | QXXC1Q | 02 | QXXC1Q | 00 | 1 | TDD | HQ | | 23B | INPUT STROBE COUN |
| 60409 | | XA304 | 44 | | | | | | | | | | | GND | 01 | | | | TDD | | | 27A | |
| 64966 | | XA304 | 45 | | | | | | | | | | M | QXXC1P | 01 | QXXC1P | 00 | 1 | TDD | HP | | 24B | |
| 63627 | | XA304 | 46 | | XA304 | 70 | | | 16B | 9 | | | | Q16M1Q | 03 | QXXC1N | 01 | 1 | TDD | HN | | 21A | |
| 63364 | | XA304 | 47 | | | | | | | | | | | QXXC1P | 03 | QXXC1P | 00 | 1 | TDD | GP | | 25B | |
| 63385 | | XA304 | 48 | | XA303 | 43 | | | 16B | 9 | | | | QXXC0Q | 01 | QXXC1I | 01 | 1 | TDD | HI | | 22A | |
| 63368 | | XA304 | 49 | | | | | | | | | | | QXXC1Q | 04 | QXXC1Q | 00 | 1 | TDD | GQ | | 26B | DEV/OFR INDICATOR |
| 63378 | | XA304 | 50 | | XA311 | 47 | | | 16B | 9 | | | | QXXCR0 | 07 | QXXC1P | 01 | 1 | TDD | HP | | 23A | |
| 63361 | | XA304 | 51 | | | | | | | | | | | QXXCIA | 02 | QXXC1Q | 01 | 1 | TDD | GQ | | 27B | |
| 61839 | | XA304 | 52 | | XA304 | 64 | | | 16B | 9 | | | | PXRS1B | 03 | QXXC1P | 01 | 1 | TDD | GP | | 24A | |
| 63406 | | XA304 | 53 | | XA310 | 72 | | | 16B | 9 | | | | QXXDDA | 01 | QXXDDQ | 01 | 1 | TDD | KQ | | 28B | |
| 62994 | | XA304 | 54 | | XA304 | 62 | | | 16B | 9 | | | | QXGN4A | 07 | QXXC1I | 01 | 1 | TDD | GI | | 25A | |
| 64968 | | XA304 | 55 | | XA208 | 41 | | | 16B | 9 | | | | QXXDDQ | 01 | QXXDDQ | 00 | 1 | TDD | KQ | | 29B | INPUT DATA CONTRA05 |
| 63401 | | XA304 | 56 | | XA301 | 59 | | | 16B | 9 | | | | QXXC4P | 02 | QXXC1N | 01 | 1 | TDD | GN | | 26A | |
| 63410 | | XA304 | 57 | | | | | | | | | | | QXXDDP | 03 | QXXDDP | 00 | 1 | TDD | KP | | 30B | |
| 60410 | | XA304 | 58 | | | | | | | | | | | GND | 01 | | | | TDD | | | 40A | |
| 63396 | | XA304 | 59 | | XA310 | 56 | | | 16B | 9 | | | | QXXC3P | 03 | QXXC3P | 00 | 1 | TDD | JP | | 31B | |
| 63467 | | XA304 | 60 | | XA303 | 57 | | | 16B | 9 | | | | QXXD1P | 02 | QXXDDN | 01 | 1 | TDD | KN | | 28A | |
| 63398 | | XA304 | 61 | | XA301 | 68 | | | 16B | 9 | | | | QXXC3Q | 01 | QXXC3Q | 00 | 1 | TDD | JQ | | 32B | INPUT STROBE COUN |
| 62995 | | XA304 | 62 | | XA302 | 62 | | | 16B | 9 | | | | QXGN4A | 08 | QXXDDI | 01 | 1 | TDD | KI | | 29A | |
| 63782 | | XA304 | 63 | | XA303 | 65 | | | 16B | 9 | | | | SPI0043 | 08 | QXXC3Q | 01 | 1 | TDD | JQ | | 33B | |
| 61840 | | XA304 | 64 | | XA302 | 64 | | | 16B | 9 | | | | PXRS1B | 04 | QXXDDP | 01 | 1 | TDD | KP | | 30A | |
| 63839 | | XA304 | 65 | | XA327 | 19 | | | 16B | 9 | | | | SPI0053 | 28 | Q20DLQ | 01 | 1 | TDD | MQ | | 34B | A05 |
| 63374 | | XA304 | 66 | | XA303 | 66 | | | 16B | 9 | | | | QXXCR0 | 03 | QXXC3P | 01 | 1 | TDD | JP | | 31A | |
| 60411 | | XA304 | 67 | | | | | | | | | | | GND | 01 | | | | TDD | | | 40B | |
| 63392 | | XA304 | 68 | | XA303 | 61 | | | 16B | 9 | | | | QXXC2Q | 04 | QXXC3I | 01 | 1 | TDD | JI | | 32A | |
| 63632 | | XA304 | 69 | | | | | | | | | | | Q20DLP | 02 | Q20DLP | 00 | 1 | TDD | MP | | 35A | |
| 63628 | | XA304 | 70 | | XA303 | 70 | | | 16B | 9 | | | | Q16M1Q | 04 | QXXC3N | 01 | 1 | TDD | JN | | 33A | |
| 63736 | | XA304 | 71 | | XA302 | 29 | | | 16B | 9 | | | | SPI0023 | 36 | Q20DLI | 01 | 1 | TDD | MI | | 36A | CPU-B |
| 62579 | | XA304 | 72 | | XA302 | 21 | | | 16B | 9 | | | | QDLQ6P | 01 | Q20DLN | 01 | 1 | TDD | MN | | 34A | |
| 62676 | | XA304 | 73 | | | | | | | | | | | QDPLCA | 08 | Q20DLP | 01 | 1 | TDD | MP | | 36B | |
| 63635 | | XA304 | 74 | | XA306 | 03 | | | 16B | 9 | | | | Q20DLQ | 03 | Q20DLQ | 00 | 1 | TDD | MQ | | 35B | |
| 63487 | | XA304 | 75 | | | | | | | | | | | QXXRCQ | 04 | QXXROP | 01 | 1 | TDD | LP | | 37B | |
| 63495 | | XA304 | 76 | | XA303 | 80 | | | 16B | 9 | | | | QXXROP | 01 | QXXROP | 00 | 1 | TDD | LP | | 37A | |
| 63507 | | XA304 | 77 | | XA302 | 79 | | | 16B | 9 | | | | QXXR2P | 01 | QXXR0I | 01 | 1 | TDD | LI | | 38B | |
| 63498 | | XA304 | 78 | | XA305 | 56 | | | 16B | 9 | | | | QXXR0Q | 02 | QXXR0Q | 00 | 1 | TDD | LQ | | 38A | REQUEST STROBE CO |
| 63617 | | XA304 | 79 | | XA303 | 72 | | | 16B | 9 | | | | Q16MHG | 01 | QXXRON | 01 | 1 | TDD | LN | | 39B | |
| 63780 | | XA304 | 80 | | XA304 | 63 | | | 16B | 9 | | | | SPI0043 | 06 | QXXR0Q | 01 | 1 | TDD | LQ | | 39A | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA305
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 181

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|------|--------|-------------|------|--------|------------|----------|--------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | DI | SH IFC | MULTI GROUP | CODE | | | | | | | | | | | |
| 62978 | | XA305 | 01 | | XA305 | 60 | | | 16B | 9 | | QXENAS GND | 06 01 | QXENAR | 01 1 | TD4 | A2 | | 02B | | |
| 60412 | | XA305 | 02 | | | | | | | | | | | | | TD4 | | | 01A | | |
| 60160 | | XA305 | 03 | | | | | | | | | DNW | 01 | | | TD4 | | | | | |
| 63355 | | XA305 | 04 | | XA309 | 39 | | | 16B | 9 | | QXXB5A | 01 | QXENAR | 01 2 | TD4 | A2 | | 04A | | |
| 63512 | | XA305 | 05 | | | | | | | | | QXX04A | 03 | QXENAR | 01 3 | TD4 | A2 | | 03B | | |
| 62908 | | XA305 | 06 | | | | | | | | | QXDV5S | 03 | QXDVSR | 01 1 | TD4 | A1 | | 05A | | |
| 61866 | | XA305 | 07 | | XA305 | 13 | | | 16B | 9 | | PXRS2B | 07 | QXENAR | 01 4 | TD4 | A2 | | 03A | | |
| 63299 | | XA305 | 08 | | XA305 | 18 | | | 16B | 9 | | QXXBOA | 02 | QXDVSR | 01 2 | TD4 | A1 | | 06A | | |
| 62971 | | XA305 | 09 | | XA306 | 08 | | | 16B | 9 | | QXENAR | 01 | QXENAR | 00 1 | TD4 | A2 | | 04B | | |
| 63343 | | XA305 | 10 | | XA305 | 19 | | | 16B | 9 | | QXXB3A | 01 | QXDVSR | 01 3 | TD4 | A1 | | 07A | | |
| 62904 | | XA305 | 11 | | XA306 | 11 | | | 16B | 9 | | QXDVSR | 01 | QXDVSR | 00 1 | TD4 | A1 | | 05B | | |
| 60061 | | XA305 | 12 | | | | | | | | | +5V | 01 | | | TD4 | | | | | |
| 61867 | | XA305 | 13 | | XA305 | 20 | | | 16B | 9 | | PXRS2B | 08 | QXDVSR | 01 4 | TD4 | A1 | | 06B | | |
| 62891 | | XA305 | 14 | | | | | | | | | QXDEVS | 03 | QXDEVF | 01 1 | TD4 | B2 | | 09A | | |
| 60161 | | XA305 | 15 | | | | | | | | | DNW | 01 | | | TD4 | | | | | |
| 60413 | | XA305 | 16 | | | | | | | | | GND | 01 | | | TD4 | | | 20B | | |
| 60162 | | XA305 | 17 | | | | | | | | | DNW | 01 | | | TD4 | | | | | |
| 63300 | | XA305 | 18 | | XA309 | 57 | | | 16B | 9 | | QXXBOA | 03 | QXDEVF | 01 2 | TD4 | B2 | | 10A | | |
| 63344 | | XA305 | 19 | | XA309 | 30 | | | 16B | 9 | | QXXB3A | 02 | QXDEVF | 01 3 | TD4 | B2 | | 09B | | |
| 61868 | | XA305 | 20 | | XA305 | 26 | | | 16B | 9 | | PXRS2B | 09 | QXDEVF | 01 4 | TD4 | B2 | | 11A | | |
| 62887 | | XA305 | 21 | | XA306 | 18 | | | 16B | 9 | | QXDEVF | 01 | QXDEVF | 00 1 | TD4 | B2 | | 10B | | |
| 62844 | | XA305 | 22 | | | | | | | | | QXCMA5 | 03 | QXCMAF | 01 1 | TD4 | B1 | | 12A | | |
| 62840 | | XA305 | 23 | | XA306 | 24 | | | 16B | 9 | | QXCMAF | 01 | QXCMAF | 00 1 | TD4 | B1 | | 11B | | |
| 63327 | | XA305 | 24 | | XA309 | 38 | | | 16B | 9 | | QXXB2A | 01 | QXCMAF | 01 2 | TD4 | B1 | | 13A | | |
| 63511 | | XA305 | 25 | | XA305 | 05 | | | 16B | 9 | | QXX04A | 02 | QXCMAF | 01 3 | TD4 | B1 | | 12B | | |
| 61869 | | XA305 | 26 | | XA307 | 78 | | | 16B | 9 | | PXRS2B | 10 | QXCMAF | 01 4 | TD4 | B1 | | 14A | | |
| 60163 | | XA305 | 27 | | | | | | | | | DNW | 01 | | | TD4 | | | | | |
| 60062 | | XA305 | 28 | | | | | | | | | +5V | 01 | | | TD4 | | | | | |
| 60164 | | XA305 | 29 | | | | | | | | | DNW | 01 | | | TD4 | | | | | |
| 62564 | | XA305 | 30 | | XA307 | 01 | | | 16B | 9 | | QDLENO | 06 | QQ48QA | 01 1 | TD4 | C2 | | 15A | | |
| 61370 | | XA305 | 31 | | | | | | | | | PST480 | 03 | QQ48QA | 01 2 | TD4 | C2 | | 15B | | |
| 60414 | | XA305 | 32 | | | | | | | | | GND | 01 | | | TD4 | | | 21B | | |
| 62680 | | XA305 | 33 | | XA308 | 64 | | | 16B | 9 | | QQ48QA | 01 | QQ48QA | 00 1 | TD4 | C2 | | 16B | DATA REQUEST TO C | |
| 62629 | | XA305 | 34 | | XA209 | 74 | | | 16B | 9 | | QE0B0P | 02 | QQ48QA | 01 3 | TD4 | C2 | | 16A | | |
| 62668 | | XA305 | 35 | | | | | | | | | QP08NA | 03 | QP08NA | 00 1 | TD4 | C1 | | 17B | INTERRUPT CPU-A,C | |
| 63575 | | XA305 | 36 | | XA306 | 25 | | | 16B | 9 | | QONLQ | 03 | QQ48QA | 01 4 | TD4 | C2 | | 17A | | |
| 60785 | | XA305 | 37 | | | | | | | | | PDLENO | 07 | QP08NA | 01 1 | TD4 | C1 | | 18B | STATE 8 | |
| 61345 | | XA305 | 38 | | XA328 | 75 | | | 16B | 9 | | PST080 | 04 | QP08NA | 01 2 | TD4 | C1 | | 18A | | |
| 60165 | | XA305 | 39 | | | | | | | | | DNW | 01 | | | TD4 | | | | | |
| 62631 | | XA305 | 40 | | XA302 | 74 | | | 16B | 9 | | QE0B0Q | 01 | QP08NA | 01 3 | TD4 | C1 | | 19A | | |
| 60166 | | XA305 | 41 | | | | | | | | | DNW | 01 | | | TD4 | | | | | |
| 63601 | | XA305 | 42 | | XA315 | 66 | | | 16B | 9 | | QONL20 | 07 | QP08NA | 01 4 | TD4 | C1 | | 20A | | |
| 62795 | | XA305 | 43 | | XA309 | 24 | | | 16B | 9 | | QXBSLOX | 04 | QXBOEA | 01 1 | TD4 | D2 | | 23B | | |
| 60415 | | XA305 | 44 | | | | | | | | | GND | 01 | | | TD4 | | | 27A | | |
| 62804 | | XA305 | 45 | | XA346 | 72 | | | 16B | 9 | | QXBOEA | 01 | QXBOEA | 00 1 | TD4 | D2 | | 24B | PORT B OUTPUT ENA | |
| 63015 | | XA305 | 46 | | XA305 | 52 | | | 16B | 9 | | QXINHR | 03 | QXBOEA | 01 2 | TD4 | D2 | | 21A | | |
| 62782 | | XA305 | 47 | | XA309 | 11 | | | 16B | 9 | | QXBRQA | 01 | QXBRQA | 00 1 | TD4 | D1 | | 25B | | |
| 60158 | | XA305 | 48 | | XA305 | 54 | | | 16B | 9 | | DEVINH | 12 | QXBOEA | 01 3 | TD4 | D2 | | 22A | | |
| 62794 | | XA305 | 49 | | XA305 | 43 | | | 16B | 9 | | QXBSLOX | 03 | QXBRQA | 01 1 | TD4 | D1 | | 26B | | |
| 63383 | | XA305 | 50 | | XA310 | 75 | | | 16B | 9 | | QXXCS0 | 02 | QXBOEA | 01 4 | TD4 | D2 | | 23A | | |
| CONNECTOR XA305 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

H78-14 1196

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA305
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 182

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|----------------------------|--------|--------|-----------|-----|--------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|-------------|-----|--------------------|-------------------|
| | PREFIX | CONNECTOR | PIN | SH IFC | PREFIX | CONNECTOR | PIN | SH IFC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | AND | OR | | |
| 60167 | | XA305 | 51 | | | | | | | | | | DNW | 01 | | | | | | | | | | |
| 63016 | | XA305 | 52 | | XA 332 | 72 | | | 16B | 9 | | | QXINHR | 04 | QXBRQA | 01 | 2 | TD4 | | | | 24A | | |
| 60168 | | XA305 | 53 | | | | | | | | | | DNW | 01 | | | | | | | | | | |
| 60157 | | XA305 | 54 | | XA 340 | 10 | | | 16B | 9 | | | DEVINH | 13 | QXBRQA | 01 | 3 | TD4 | | | | | 25A | |
| 62721 | | XA305 | 55 | | | | | | | | | | QWRITO | 06 | QXDPEA | 01 | 1 | TD4 | | | | | 29B | |
| 63499 | | XA305 | 56 | | XA 307 | 23 | | | 16B | 9 | | | QXXROQ | 03 | QXBRQA | 01 | 4 | TD4 | | | | | 26A | |
| 62897 | | XA305 | 57 | | XA 333 | 77 | | | 16B | 9 | | | QXDPEA | 01 | QXDPEA | 00 | 1 | TD4 | | | | | 30B | RECEIVE DATA PAR |
| 60416 | | XA305 | 58 | | | | | | | | | | GND | 01 | | | | | | | | | 40A | |
| 62830 | | XA305 | 59 | | XA 202 | 36 | | | 16B | 9 | | | QXCAOA | 02 | QXCAOA | 00 | 1 | TD4 | | | | | 31B | |
| 62979 | | XA305 | 60 | | | | | | | | | | QXENAS | 07 | QXDPEA | 01 | 2 | TD4 | | | | | 28A | |
| 63168 | | XA305 | 61 | | XA 306 | 53 | | | 16B | 9 | | | QXR6CS | 02 | QXCAOA | 01 | 1 | TD4 | | | | | 32B | |
| 63097 | | XA305 | 62 | | XA 203 | 54 | | | 16B | 9 | | | QXR0PPR | 03 | QXDPEA | 01 | 3 | TD4 | | | | | 29A | |
| 60169 | | XA305 | 63 | | | | | | | | | | DNW | 01 | | | | | | | | | | |
| 63285 | | XA305 | 64 | | | | | | | | | | QXXA50 | 11 | QXDPEA | 01 | 4 | TD4 | | | | | 30A | |
| 60170 | | XA305 | 65 | | | | | | | | | | DNW | 01 | | | | | | | | | | |
| 63050 | | XA305 | 66 | | XA 306 | 40 | | | 16B | 9 | | | QXR6CS | 01 | QXCAOA | 01 | 2 | TD4 | | | | | 31A | |
| 60417 | | XA305 | 67 | | | | | | | | | | GND | 01 | | | | | | | | | 40B | |
| 63516 | | XA305 | 68 | | XA 207 | 80 | | | 16B | 9 | | | QXX050 | 02 | QXCAOA | 01 | 3 | TD4 | | | | | 32A | |
| 62939 | | XA305 | 69 | | XA 303 | 79 | | | 16B | 9 | | | QXEAOA | 02 | QXEAOA | 00 | 1 | TD4 | | | | | 35A | |
| 63092 | | XA305 | 70 | | XA 305 | 74 | | | 16B | 9 | | | QXROPA | 03 | QXCAOA | 01 | 4 | TD4 | | | | | 33A | |
| 63167 | | XA305 | 71 | | XA 305 | 61 | | | 16B | 9 | | | QXR6CS | 01 | QXEAOA | 01 | 1 | TD4 | | | | | 36A | |
| 63057 | | XA305 | 72 | | XA 306 | 34 | | | 16B | 9 | | | QXRENS | 01 | QXEAOA | 01 | 2 | TD4 | | | | | 34A | |
| 63515 | | XA305 | 73 | | XA 305 | 68 | | | 16B | 9 | | | QXX050 | 01 | QXEAOA | 01 | 3 | TD4 | | | | | 36B | |
| 63093 | | XA305 | 74 | | XA 327 | 75 | | | 16B | 9 | | | QXROPA | 04 | QXEAOA | 01 | 4 | TD4 | | | | | 35B | |
| 62833 | | XA305 | 75 | | XA 311 | 61 | | | 16B | 9 | | | QXCA10 | 01 | QXDVOA | 01 | 1 | TD4 | | | | | 37B | |
| 62909 | | XA305 | 76 | | XA 306 | 20 | | | 16B | 9 | | | QXDVOA | 01 | QXDVOA | 00 | 1 | TD4 | | | | | 37A | |
| 62894 | | XA305 | 77 | | | | | | | | | | QXDEVO | 03 | QXDVOA | 01 | 2 | TD4 | | | | | 38B | |
| 62903 | | XA305 | 78 | | | | | | | | | | QXDVCO | 03 | QXDVOA | 01 | 3 | TD4 | | | | | 38A | |
| 60754 | | XA305 | 79 | | | | | | | | | | PBUSYR | 04 | QXDVOA | 01 | 4 | TD4 | | | | | 39B | |
| 60171 | | XA305 | 80 | | | | | | | | | | DNW | 01 | | | | | | | | | | |
| 62556 | | XA306 | 01 | | | | | | | | | | QDLCKA | 06 | QDLCKA | 00 | 1 | TQ2 | | | | | 02B | 1 MHZ REQ. DELAY |
| 60418 | | XA306 | 02 | | | | | | | | | | GND | 01 | | | | | | | | | 01A | |
| 63636 | | XA306 | 03 | | | | | | | | | | Q20DLQ | 04 | QDLENA | 01 | 1 | TQ2 | | | | | 02A | RECEIVED. CPU-B |
| 63631 | | XA306 | 04 | | XA 304 | 69 | | | 16B | 9 | | | Q20DLP | 01 | QDLCKA | 01 | 1 | TQ2 | | | | | 04A | CPU-B |
| 62373 | | XA306 | 05 | | XA 202 | 56 | | | 16B | 9 | | | PXIMBQ | 03 | QDLCKA | 01 | 2 | TQ2 | | | | | 03B | |
| 62977 | | XA306 | 06 | | XA 305 | 01 | | | 16B | 9 | | | QXENAS | 05 | QXENAS | 00 | 1 | TQ2 | | | | | 05A | ENABLE STORE F/E |
| 63490 | | XA306 | 07 | | XA 303 | 76 | | | 16B | 9 | | | QXXREP | 01 | QDLENA | 01 | 2 | TQ2 | | | | | 03A | |
| 62972 | | XA306 | 08 | | | | | | | | | | QXENAR | 02 | QXENAS | 01 | 1 | TQ2 | | | | | 06A | |
| 62558 | | XA306 | 09 | | | | | | | | | | QDLENA | 02 | QDLENA | 00 | 1 | TQ2 | | | | | 04B | REQ. DELAY ENDED. |
| 62942 | | XA306 | 10 | | | | | | | | | | QXEAOA | 05 | QXENAS | 01 | 2 | TQ2 | | | | | 07A | |
| 62905 | | XA306 | 11 | | | | | | | | | | QXDVSR | 02 | QXDVSS | 01 | 1 | TQ2 | | | | | 05B | |
| 60063 | | XA306 | 12 | | | | | | | | | | +5V | 01 | | | | | | | | | | |
| 62937 | | XA306 | 13 | | | | | | | | | | QXDV5A | 02 | QXDVSS | 01 | 2 | TQ2 | | | | | 06B | |
| 62890 | | XA306 | 14 | | XA 305 | 14 | | | 16B | 9 | | | QXDV5S | 02 | QXDVSS | 00 | 1 | TQ2 | | | | | 09A | DEVICE COMMAND ST |
| 62907 | | XA306 | 15 | | XA 305 | 06 | | | 16B | 9 | | | QXDVSS | 02 | QXDVSS | 00 | 1 | TQ2 | | | | | 07B | DEV COMMAND STOP |
| 60419 | | XA306 | 16 | | | | | | | | | | GND | 01 | | | | | | | | | 01B | |
| 62945 | | XA306 | 17 | | XA 310 | 04 | | | 16B | 9 | | | QXEAO0 | 03 | QLTEOA | 01 | 1 | TQ2 | | | | | 08B | TEST CPU-B) |
| 62888 | | XA306 | 18 | | XA 315 | 80 | | | 16B | 9 | | | QXDEVR | 02 | QXDVSS | 01 | 1 | TQ2 | | | | | 10A | |
| CONNECTOR | | XA306 | CONTINUED ON THE NEXT PAGE | | | | | | | | | | *** | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA306
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 183

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|--|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--|--------|
| | PREFIX | CONNECTOR | PIN | SH FT | PREFIX | CONNECTOR | PIN | SH FT | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 62641 | | XA306 | 19 | | | XA302 | 37 | | | 16B | 9 | | QLPT4Q | 01 | QLTE0A | 01 | 2 | TQ2 | B3 | | 09B | | |
| 62910 | | XA306 | 20 | | | | | | | | | | QXDV0A | 02 | QXDEVS | 01 | 2 | TQ2 | B2 | | 11A | | |
| 62646 | | XA306 | 21 | | | | | | | | | | QLTE0A | 02 | QLTE0A | 00 | 1 | TQ2 | B3 | | 10B | ENABLE DATA TO SE ADDRESS STORE EZE | |
| 62843 | | XA306 | 22 | | | XA305 | 22 | | | 16B | 9 | | QXCMA5 | 02 | QXCMA5 | 00 | 1 | TQ2 | B1 | | 12A | | |
| 63369 | | XA306 | 23 | | | XA311 | 33 | | | 16B | 9 | | QXXC10 | 01 | QNLCMA | 01 | 1 | TQ2 | B4 | | 11B | | |
| 62841 | | XA306 | 24 | | | | | | | | | | QXCMA8 | 02 | QXCMA5 | 01 | 1 | TQ2 | B1 | | 13A | | |
| 63576 | | XA306 | 25 | | | XA307 | 17 | | | 16B | 9 | | QONLNQ | 04 | QNLCMA | 01 | 2 | TQ2 | B4 | | 12B | | |
| 62829 | | XA306 | 26 | | | XA305 | 59 | | | 16B | 9 | | QXCA0A | 01 | QXCMA5 | 01 | 2 | TQ2 | B1 | | 14A | | |
| 62651 | | XA306 | 27 | | | XA209 | 37 | | | 16B | 9 | | QNLCMA | 01 | QNLCMA | 00 | 1 | TQ2 | B4 | | 13B | VALID COMMANDS, CA05 | |
| 60064 | | XA306 | 28 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 63064 | | XA306 | 29 | | | XA307 | 33 | | | 16B | 9 | | QXRPCS | 02 | QXRPCR | 01 | 1 | TQ2 | C3 | | 14B | | |
| 63056 | | XA306 | 30 | | | | | | | | | | QXRENR | 04 | QXRENR | 00 | 1 | TQ2 | C2 | | 15A | | |
| 63068 | | XA306 | 31 | | | XA306 | 36 | | | 16B | 9 | | QXRRSA | 02 | QXRPCR | 01 | 2 | TQ2 | C3 | | 15B | | |
| 60420 | | XA306 | 32 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 20R | | |
| 63062 | | XA306 | 33 | | | | | | | | | | QXRPCR | 03 | QXRPCR | 00 | 1 | TQ2 | C3 | | 16B | | |
| 63058 | | XA306 | 34 | | | XA307 | 30 | | | 16B | 9 | | QXRENS | 02 | QXRENR | 01 | 1 | TQ2 | C2 | | 16A | | |
| 63041 | | XA306 | 35 | | | XA315 | 09 | | | 16B | 9 | | QXRAF6T | 02 | QSTR80 | 01 | 1 | TQ2 | C4 | | 17B | | |
| 63069 | | XA306 | 36 | | | XA306 | 42 | | | 16B | 9 | | QXRRSA | 03 | QXRENR | 01 | 2 | TQ2 | C2 | | 17A | | |
| 63804 | | XA306 | 37 | | | XA307 | 13 | | | 16B | 9 | | SPI0043 | 30 | QSTR80 | 01 | 2 | TQ2 | C4 | | 18B | | |
| 63046 | | XA306 | 38 | | | XA307 | 40 | | | 16B | 9 | | QXRMR | 01 | QXRMR | 00 | 1 | TQ2 | C1 | | 18A | | |
| 62704 | | XA306 | 39 | | | XA303 | 24 | | | 16B | 9 | | QSTR80 | 01 | QSTR80 | 00 | 1 | TQ2 | C4 | | 19B | | |
| 63051 | | XA306 | 40 | | | XA307 | 38 | | | 16B | 9 | | QXRMS | 02 | QXRMR | 01 | 1 | TQ2 | C1 | | 19A | | |
| 63133 | | XA306 | 41 | | | XA307 | 45 | | | 16B | 9 | | QXR2CS | 01 | QXR2CR | 01 | 1 | TQ2 | D3 | | 22B | | |
| 63070 | | XA306 | 42 | | | XA306 | 43 | | | 16B | 9 | | QXRRSA | 04 | QXRMR | 01 | 2 | TQ2 | C1 | | 20A | | |
| 63071 | | XA306 | 43 | | | XA306 | 49 | | | 16B | 9 | | QXRRSA | 05 | QXR2CR | 01 | 2 | TQ2 | D3 | | 23B | | |
| 60421 | | XA306 | 44 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 21B | | |
| 63130 | | XA306 | 45 | | | XA307 | 41 | | | 16B | 9 | | QXR2CR | 03 | QXR2CR | 00 | 1 | TQ2 | D3 | | 24B | | |
| 63120 | | XA306 | 46 | | | XA307 | 48 | | | 16B | 9 | | QXR1CR | 02 | QXR1CR | 00 | 1 | TQ2 | D2 | | 21A | | |
| 63142 | | XA306 | 47 | | | XA307 | 51 | | | 16B | 9 | | QXR3CS | 02 | QXR3CR | 01 | 1 | TQ2 | D4 | | 25B | | |
| 63124 | | XA306 | 48 | | | XA307 | 46 | | | 16B | 9 | | QXR1CS | 01 | QXR1CR | 01 | 1 | TQ2 | D2 | | 22A | | |
| 63072 | | XA306 | 49 | | | XA306 | 50 | | | 16B | 9 | | QXRRSA | 06 | QXR3CR | 01 | 2 | TQ2 | D4 | | 26B | | |
| 63073 | | XA306 | 50 | | | XA306 | 56 | | | 16B | 9 | | QXRRSA | 07 | QXR1CR | 01 | 2 | TQ2 | D2 | | 23A | | |
| 63140 | | XA306 | 51 | | | | | | | | | | QXR3CR | 04 | QXR3CR | 00 | 1 | TQ2 | D4 | | 27B | | |
| 63082 | | XA306 | 52 | | | XA307 | 54 | | | 16B | 9 | | QXR0CR | 02 | QXR0CR | 00 | 1 | TQ2 | D1 | | 24A | | |
| 63169 | | XA306 | 53 | | | XA307 | 57 | | | 16B | 9 | | QXR6CS | 03 | QXR6CR | 01 | 1 | TQ2 | E3 | | 28B | | |
| 63087 | | XA306 | 54 | | | XA318 | 43 | | | 16B | 9 | | QXR0CS | 03 | QXR0CR | 01 | 1 | TQ2 | D1 | | 25A | | |
| 63075 | | XA306 | 55 | | | XA306 | 61 | | | 16B | 9 | | QXRRSA | 09 | QXR6CR | 01 | 2 | TQ2 | E3 | | 29B | | |
| 63074 | | XA306 | 56 | | | XA306 | 55 | | | 16B | 9 | | QXRRSA | 08 | QXR0CR | 01 | 2 | TQ2 | D1 | | 26A | | |
| 63164 | | XA306 | 57 | | | XA307 | 53 | | | 16B | 9 | | QXR6CR | 01 | QXR6CR | 00 | 1 | TQ2 | E3 | | 30B | | |
| 60422 | | XA306 | 58 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 27A | | |
| 63178 | | XA306 | 59 | | | XA307 | 63 | | | 16B | 9 | | QXR7CS | 01 | QXR7CR | 01 | 1 | TQ2 | E4 | | 31B | | |
| 63157 | | XA306 | 60 | | | | | | | | | | QXR5CR | 03 | QXR5CR | 00 | 1 | TQ2 | E2 | | 28A | | |
| 63076 | | XA306 | 61 | | | XA306 | 64 | | | 16B | 9 | | QXRRSA | 10 | QXR7CR | 01 | 2 | TQ2 | E4 | | 32B | | |
| 63158 | | XA306 | 62 | | | XA307 | 60 | | | 16B | 9 | | QXR5CS | 01 | QXR5CR | 01 | 1 | TQ2 | E2 | | 29A | | |
| 63175 | | XA306 | 63 | | | XA307 | 59 | | | 16B | 9 | | QXR7CR | 01 | QXR7CR | 00 | 1 | TQ2 | E4 | | 33B | | |
| 63077 | | XA306 | 64 | | | XA306 | 70 | | | 16B | 9 | | QXRRSA | 11 | QXR5CR | 01 | 2 | TQ2 | E2 | | 30A | | |
| 62913 | | XA306 | 65 | | | XA306 | 71 | | | 16B | 9 | | QXDV1A | 03 | QXDV30 | 01 | 1 | TQ2 | F3 | | 34B | | |
| 63146 | | XA306 | 66 | | | XA307 | 68 | | | 16B | 9 | | QXR4CR | 01 | QXR4CR | 00 | 1 | TQ2 | F1 | | 31A | | |
| 60423 | | XA306 | 67 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 40A | | |
| 63150 | | XA306 | 68 | | | XA307 | 66 | | | 16B | 9 | | QXR4CS | 01 | QXR4CR | 01 | 1 | TQ2 | F1 | | 32A | | |
| CONNECTOR (XA306) CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA306
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 184

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|---------------------------------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|--------|---------|----------|--------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH TO | PREFIX | CONNECTOR | PIN | SH TO | MULTI GROUP | CODE | COLOR | IDEN1 | | | | | | | | | | | |
| 62921 | XA306 | 69 | | | XA205 | 59 | | | 16B | 9 | | | P | QXDV30 | 05 | QXDV1B | 01 | 3 | TQ2 | F3 | 35A | | A03 |
| 62934 | XA306 | 69 | | | | | | | | | | | J | QXDV30 | 01 | QXDV30 | 00 | 1 | TQ2 | F3 | 35A | QXDV1B BUSS | |
| 63078 | XA306 | 70 | | | | | | | | | | | | QXRRSA | 12 | QXR4CR | 01 | 2 | TQ2 | E1 | 33A | | |
| 62914 | XA306 | 71 | | | XA306 | 77 | | | 16B | 9 | | | | QXDV1A | 04 | QXDV20 | 01 | 1 | TQ2 | F2 | 36A | | |
| 62918 | XA306 | 72 | | | XA306 | 80 | | | 16B | 9 | | | P | QXDV20 | 02 | QXDV1B | 01 | 2 | TQ2 | F2 | 34A | | |
| 62933 | XA306 | 72 | | | | | | | | | | | J | QXDV20 | 01 | QXDV20 | 00 | 1 | TQ2 | F2 | 34A | QXDV1B BUSS | |
| 63176 | XA306 | 73 | | | XA306 | 74 | | | 16B | 9 | | | | SPI0043 | 02 | QXDV20 | 01 | 2 | TQ2 | F2 | 36B | | |
| 63777 | XA306 | 74 | | | XA306 | 78 | | | 16B | 9 | | | | SPI0043 | 03 | QXDV30 | 01 | 2 | TQ2 | F3 | 35B | | |
| 62920 | XA306 | 75 | | | XA306 | 69 | | | 16B | 9 | | | P | QXDV10 | 04 | QXDV1B | 01 | 1 | TQ2 | F1 | 37B | | |
| 62932 | XA306 | 75 | | | | | | | | | | | J | QXDV10 | 01 | QXDV10 | 00 | 1 | TQ2 | F1 | 37B | QXDV1B BUSS | |
| 62916 | XA306 | 76 | | | | | | | | | | | | QXDV1A | 06 | QXDV40 | 01 | 1 | TQ2 | F4 | 37A | | |
| 62915 | XA306 | 77 | | | XA306 | 76 | | | 16B | 9 | | | | QXDV1A | 05 | QXDV10 | 01 | 1 | TQ2 | F1 | 38B | | |
| 63178 | XA306 | 78 | | | XA306 | 79 | | | 16B | 9 | | | | SPI0043 | 04 | QXDV40 | 01 | 2 | TQ2 | F4 | 38A | | |
| 63779 | XA306 | 79 | | | XA304 | 80 | | | 16B | 9 | | | | SPI0043 | 05 | QXDV10 | 01 | 2 | TQ2 | F1 | 39B | | |
| 62919 | XA306 | 80 | | | XA306 | 75 | | | 16B | 9 | | | P | QXDV40 | 03 | QXDV1B | 01 | 4 | TQ2 | F4 | 39A | | |
| 62935 | XA306 | 80 | | | | | | | | | | | J | QXDV40 | 01 | QXDV40 | 00 | 1 | TQ2 | F4 | 39A | QXDV1B BUSS | |
| 62565 | XA307 | 01 | | | | | | | | | | | | QDLENO | 07 | QDLENO | 00 | 1 | TQ2 | A2 | 02B | | |
| 60424 | XA307 | 02 | | | | | | | | | | | | GND | 01 | | | | TQ2 | | 01A | | |
| 62581 | XA307 | 03 | | | XA302 | 19 | | | 16B | 9 | | | | QDLQ6Q | 01 | QDLQ6A | 01 | 1 | TQ2 | A3 | 02A | | |
| 62557 | XA307 | 04 | | | XA306 | 09 | | | 16B | 9 | | | | QDLENA | 01 | QDLENO | 01 | 1 | TQ2 | A2 | 04A | | |
| 63807 | XA307 | 05 | | | XA307 | 10 | | | 16B | 9 | | | | SPI0043 | 33 | QDLENO | 01 | 2 | TQ2 | A2 | 03B | | |
| 62549 | XA307 | 06 | | | XA340 | 43 | | | 16B | 9 | | | | QDER90 | 02 | QDER90 | 00 | 1 | TQ2 | A1 | 05A | | |
| 63806 | XA307 | 07 | | | XA307 | 05 | | | 16B | 9 | | | | SPI0043 | 32 | QDLQ6A | 01 | 2 | TQ2 | A3 | 03A | | |
| 63109 | XA307 | 08 | | | XA206 | 34 | | | 16B | 9 | | | | QXR095T | 02 | QDER90 | 01 | 1 | TQ2 | A1 | 06A | | |
| 62577 | XA307 | 09 | | | XA302 | 18 | | | 16B | 9 | | | | QDLQ6A | 01 | QDLQ6A | 00 | 1 | TQ2 | A3 | 04B | | |
| 63808 | XA307 | 10 | | | XA209 | 78 | | | 16B | 9 | | | | SPI0043 | 34 | QDER90 | 01 | 2 | TQ2 | A1 | 07A | | |
| 63113 | XA307 | 11 | | | XA324 | 47 | | | 16B | 9 | | | | QX111A | 01 | QX1110 | 01 | 1 | TQ2 | A4 | 05B | | |
| 60065 | XA307 | 12 | | | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | |
| 63805 | XA307 | 13 | | | XA307 | 07 | | | 16B | 9 | | | | SPI0043 | 31 | QX1110 | 01 | 2 | TQ2 | A4 | 06B | | |
| 62599 | XA307 | 14 | | | XA311 | 31 | | | 16B | 9 | | | | QDVONA | 01 | QDVONA | 00 | 1 | TQ2 | B2 | 09A | CPU-B SENDING. SE | |
| 62536 | XA307 | 15 | | | | | | | | | | | | QX1110 | 03 | QX1110 | 00 | 1 | TQ2 | A4 | 07B | | |
| 60425 | XA307 | 16 | | | | | | | | | | | | GND | 01 | | | | TQ2 | | 01B | | |
| 63577 | XA307 | 17 | | | XA205 | 70 | | | 16B | 9 | | | | QONLNQ | 05 | QWRITA | 01 | 1 | TQ2 | B3 | 08B | | |
| 63588 | XA307 | 18 | | | XA201 | 57 | | | 16B | 9 | | | | QONL10 | 07 | QDVONA | 01 | 1 | TQ2 | B2 | 10A | | |
| 61332 | XA307 | 19 | | | XA207 | 61 | | | 16B | 9 | | | | PST050 | 03 | QWRITA | 01 | 2 | TQ2 | B3 | 09B | | |
| 61079 | XA307 | 20 | | | | | | | | | | | | PRQONO | 03 | QDVONA | 01 | 2 | TQ2 | B2 | 11A | | |
| 62715 | XA307 | 21 | | | | | | | | | | | | QWRITA | 02 | QWRITA | 00 | 1 | TQ2 | B3 | 10B | CPU-B SENDING. ST | |
| 62598 | XA307 | 22 | | | | | | | | | | | | QDV0FA | 02 | QDV0FA | 00 | 1 | TQ2 | B1 | 12A | CPU-A RECEIVING. | |
| 63500 | XA307 | 23 | | | | | | | | | | | | QXXROQ | 04 | QDDLCA | 01 | 1 | TQ2 | B4 | 11B | | |
| 61076 | XA307 | 24 | | | | | | | | | | | | PRQ0FO | 03 | QDV0FA | 01 | 1 | TQ2 | B1 | 13A | OR. | |
| 63854 | XA307 | 25 | | | XA307 | 37 | | | 16B | 9 | | | | SPI0063 | 15 | QDDLCA | 01 | 2 | TQ2 | B4 | 12B | | |
| 62421 | XA307 | 26 | | | XA202 | 51 | | | 16B | 9 | | | | PONL10 | 07 | QDV0FA | 01 | 2 | TQ2 | B1 | 14A | | |
| 62675 | XA307 | 27 | | | XA304 | 73 | | | 16B | 9 | | | | QDDLCA | 07 | QDDLCA | 00 | 1 | TQ2 | B4 | 13B | START REQ. DELAY | |
| 60066 | XA307 | 28 | | | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | |
| 63061 | XA307 | 29 | | | XA306 | 33 | | | 16B | 9 | | | | QXRPCR | 02 | QXRPCS | 01 | 1 | TQ2 | C3 | 14B | | |
| 63059 | XA307 | 30 | | | | | | | | | | | | QXRENS | 03 | QXRENS | 00 | 1 | TQ2 | C2 | 15A | I/O INPUT REG. ENA | |
| 62730 | XA307 | 31 | | | | | | | | | | | | QXAPCB4 | 03 | QXRPCS | 01 | 2 | TQ2 | C3 | 15B | | |
| 60426 | XA307 | 32 | | | | | | | | | | | | GND | 01 | | | | TQ2 | | 20B | | |
| CONNECTOR | XA307 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

H78-14 1199

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA307
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY FCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 185

| RECORD NUMBER | FROM | | | SH 10 | TO | | | SH 10 | WIRE | | | SPEC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|----------------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 63065 | | XA307 | 33 | | XA318 | 51 | | | 16B | 9 | | | QXRPCS | 03 | QXRPCS | 00 | 1 | T02 | C3 | | 16B | I/O INPUT REG PAR | |
| 63055 | | XA307 | 34 | | XA306 | 30 | | | 16B | 9 | | | QXRENK | 03 | QXRENS | 01 | 1 | T02 | C2 | | 16A | | |
| 63044 | | XA307 | 35 | | XA206 | 74 | | | 16B | 9 | | | QXRAF7T | 02 | QSTR90 | 01 | 1 | T02 | C4 | | 17B | | |
| 62727 | | XA307 | 36 | | | | | | | | | | QXAENB4 | 03 | QXRENS | 01 | 2 | T02 | C2 | | 17A | | |
| 63855 | | XA307 | 37 | | XA308 | 40 | | | 16B | 9 | | | SPI0063 | 16 | QSTR90 | 01 | 2 | T02 | C4 | | 18B | | |
| 63052 | | XA307 | 38 | | | | | | | | | | QXRCMS | 03 | QXRCMS | 00 | 1 | T02 | C1 | | 18A | I/O INPUT REG COM | |
| 62707 | | XA307 | 39 | | | | | | | | | | QSTR90 | 02 | QSTR90 | 00 | 1 | T02 | C4 | | 19B | | |
| 63047 | | XA307 | 40 | | XA311 | 37 | | | 16B | 9 | | | QXRCMR | 02 | QXRCMS | 01 | 1 | T02 | C1 | | 19A | | |
| 63131 | | XA307 | 41 | | XA308 | 13 | | | 16B | 9 | | | QXR2CR | 04 | QXR2CS | 01 | 1 | T02 | D3 | | 22B | | |
| 62724 | | XA307 | 42 | | | | | | | | | | QXACHB4 | 03 | QXRCMS | 01 | 2 | T02 | C1 | | 20A | | |
| 62737 | | XA307 | 43 | | XA344 | 39 | | | 16B | 9 | | | QXA2CB4 | 01 | QXR2CS | 01 | 2 | T02 | D3 | | 23B | | |
| 60427 | | XA307 | 44 | | | | | | | | | | GND | 01 | | | | | | | 21B | | |
| 63134 | | XA307 | 45 | | XA318 | 47 | | | 16B | 9 | | | QXR2CS | 02 | QXR2CS | 00 | 1 | T02 | D3 | | 24B | I/O INPUT REG DAT | |
| 63125 | | XA307 | 46 | | XA318 | 45 | | | 16B | 9 | | | QXR1CS | 02 | QXR1CS | 00 | 1 | T02 | D2 | | 21A | I/O INPUT REG DAT | |
| 63139 | | XA307 | 47 | | XA306 | 51 | | | 16B | 9 | | | QXR3CR | 03 | QXR3CS | 01 | 1 | T02 | D4 | | 25B | | |
| 63121 | | XA307 | 48 | | XA308 | 46 | | | 16B | 9 | | | QXR1CR | 03 | QXR1CS | 01 | 1 | T02 | D2 | | 22A | | |
| 62742 | | XA307 | 49 | | | | | | | | | | QXA3CB4 | 03 | QXR3CS | 01 | 2 | T02 | D4 | | 26B | | |
| 62736 | | XA307 | 50 | | | | | | | | | | QXA1CB4 | 03 | QXR1CS | 01 | 2 | T02 | D2 | | 23A | | |
| 63143 | | XA307 | 51 | | XA318 | 49 | | | 16B | 9 | | | QXR3CS | 03 | QXR3CS | 00 | 1 | T02 | D4 | | 27B | I/O INPUT REG DAT | |
| 63086 | | XA307 | 52 | | XA306 | 54 | | | 16B | 9 | | | QXR0CS | 02 | QXR0CS | 00 | 1 | T02 | D1 | | 24A | I/O INPUT REG DAT | |
| 63165 | | XA307 | 53 | | XA308 | 54 | | | 16B | 9 | | | QXR6CR | 02 | QXR6CS | 01 | 1 | T02 | E3 | | 28B | | |
| 63083 | | XA307 | 54 | | XA315 | 77 | | | 16B | 9 | | | QXR0CR | 03 | QXR0CS | 01 | 1 | T02 | D1 | | 25A | | |
| 62751 | | XA307 | 55 | | | | | | | | | | QXA6CB4 | 03 | QXR6CS | 01 | 2 | T02 | E3 | | 29B | | |
| 62733 | | XA307 | 56 | | | | | | | | | | QXA0CB4 | 03 | QXR0CS | 01 | 2 | T02 | D1 | | 26A | | |
| 63170 | | XA307 | 57 | | XA315 | 06 | | | 16B | 9 | | | QXR6CS | 04 | QXR6CS | 00 | 1 | T02 | E3 | | 30B | I/O INPUT REG DAT | |
| 60428 | | XA307 | 58 | | | | | | | | | | GND | 01 | | | | | | | 27A | | |
| 63176 | | XA307 | 59 | | XA308 | 56 | | | 16B | 9 | | | QXR7CR | 02 | QXR7CS | 01 | 1 | T02 | E4 | | 31B | | |
| 63159 | | XA307 | 60 | | XA315 | 03 | | | 16B | 9 | | | QXR5CS | 02 | QXR5CS | 00 | 1 | T02 | E2 | | 28A | I/O INPUT REG DAT | |
| 62754 | | XA307 | 61 | | | | | | | | | | QXA7CB4 | 03 | QXR7CS | 01 | 2 | T02 | E4 | | 32B | | |
| 63156 | | XA307 | 62 | | XA306 | 60 | | | 16B | 9 | | | QXR5CR | 02 | QXR5CS | 01 | 1 | T02 | E2 | | 29A | | |
| 63179 | | XA307 | 63 | | XA315 | 04 | | | 16B | 9 | | | QXR7CS | 02 | QXR7CS | 00 | 1 | T02 | E4 | | 33B | I/O INPUT REG DAT | |
| 62748 | | XA307 | 64 | | | | | | | | | | QXA5CB4 | 03 | QXR5CS | 01 | 2 | T02 | E2 | | 30A | | |
| 63034 | | XA307 | 65 | | XA302 | 31 | | | 16B | 9 | | | QXIR1Q | 01 | QXIR1A | 01 | 1 | T02 | F3 | | 34B | | |
| 63151 | | XA307 | 66 | | XA315 | 21 | | | 16B | 9 | | | QXR4CS | 02 | QXR4CS | 00 | 1 | T02 | F1 | | 31A | I/O INPUT REG DAT | |
| 60429 | | XA307 | 67 | | | | | | | | | | GND | 01 | | | | | | | 40A | | |
| 63147 | | XA307 | 68 | | XA308 | 50 | | | 16B | 9 | | | QXR4CR | 02 | QXR4CS | 01 | 1 | T02 | F1 | | 32A | | |
| 63033 | | XA307 | 69 | | | | | | | | | | QXIR1A | 04 | QXIR1A | 00 | 1 | T02 | F3 | | 35A | | |
| 62745 | | XA307 | 70 | | | | | | | | | | QXA4CB4 | 03 | QXR4CS | 01 | 2 | T02 | F1 | | 33A | | |
| 62954 | | XA307 | 71 | | XA304 | 19 | | | 16B | 9 | | | QXEB10 | 01 | QXEB1A | 01 | 1 | T02 | F2 | | 36A | | |
| 62953 | | XA307 | 72 | | | | | | | | | | QXEB1A | 03 | QXEB1A | 00 | 1 | T02 | F2 | | 34A | | |
| 61534 | | XA307 | 73 | | XA307 | 74 | | | 16B | 9 | | | PXCP3B | 03 | QXEB1A | 01 | 2 | T02 | F2 | | 36B | | |
| 61535 | | XA307 | 74 | | XA327 | 74 | | | 16B | 9 | | | PXCP3B | 04 | QXIR1A | 01 | 2 | T02 | F3 | | 35B | | |
| 62944 | | XA307 | 75 | | XA306 | 17 | | | 16B | 9 | | | QXEA00 | 02 | QXEA00 | 00 | 1 | T02 | F1 | | 37B | | |
| 63287 | | XA307 | 76 | | | | | | | | | | QXXA6A | 02 | QXRRS0 | 01 | 1 | T02 | F4 | | 37A | | |
| 62938 | | XA307 | 77 | | XA305 | 69 | | | 16B | 9 | | | QXEA0A | 01 | QXEA00 | 01 | 1 | T02 | F1 | | 38B | | |
| 61870 | | XA307 | 78 | | XA332 | 77 | | | 16B | 9 | | | PXRS2B | 11 | QXRRS0 | 01 | 2 | T02 | F4 | | 38A | | |
| 63872 | | XA307 | 79 | | XA344 | 65 | | | 16B | 9 | | | SPI0063 | 33 | QXEA00 | 01 | 2 | T02 | F1 | | 39B | | |
| 63079 | | XA307 | 80 | | XA309 | 08 | | | 16B | 9 | | | QXRRS0 | 01 | QXRRS0 | 00 | 1 | T02 | F4 | | 39A | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA308
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 186

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DRIFT | PREFIX | CONNECTOR | PIN | DRIFT | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 62842 | | XA308 | 01 | | | | | | | | | | | | | | | | | | | | |
| 60430 | | XA308 | 02 | | XA306 | 22 | | | | 16B | 9 | | QXCMA5 | 01 | QXCA1A | 01 | 1 | TS8 | A1 | | 02B | | |
| 60172 | | XA308 | 03 | | | | | | | | | | GND | 01 | | | | TS8 | | | 01A | | |
| 63324 | | XA308 | 04 | | XA311 | 10 | | | | 16B | 9 | | DNW | 01 | | | | TS8 | | | | | |
| 63247 | | XA308 | 05 | | | | | | | | | | QXXA0P | 06 | QXCA1A | 01 | 3 | TS8 | A1 | | 03B | | |
| 63259 | | XA308 | 06 | | | | | | | | | | QXXA1Q | 07 | QXCA1A | 01 | 4 | TS8 | A1 | | 05A | | |
| 63063 | | XA308 | 07 | | XA306 | 29 | | | | 16B | 9 | | QXRPCS | 01 | QXCA1A | 01 | 5 | TS8 | A1 | | 03A | | |
| 63085 | | XA308 | 08 | | XA307 | 52 | | | | 16B | 9 | | QXR0CS | 01 | QXCA1A | 01 | 6 | TS8 | A1 | | 06A | | |
| 60173 | | XA308 | 09 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 63119 | | XA308 | 10 | | XA306 | 46 | | | | 16B | 9 | | QXR1CR | 01 | QXCA1A | 01 | 7 | TS8 | A1 | | 07A | | |
| 62831 | | XA308 | 11 | | XA310 | 24 | | | | 16B | 9 | | QXCA1A | 01 | QXCA1A | 00 | 1 | TS8 | A1 | | 05B | | |
| 60067 | | XA308 | 12 | | | | | | | | | | +5V | 01 | | | | TS8 | | | | | |
| 63132 | | XA308 | 13 | | | | | | | | | | QXR2CR | 05 | QXCA1A | 01 | 8 | TS8 | A1 | | 06B | | |
| 62889 | | XA308 | 14 | | XA306 | 14 | | | | 16B | 9 | | QXDEVS | 01 | QXDV1A | 01 | 1 | TS8 | B1 | | 09A | | |
| 60174 | | XA308 | 15 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 60431 | | XA308 | 16 | | | | | | | | | | GND | 01 | | | | TS8 | | | 21B | | |
| 60175 | | XA308 | 17 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 63340 | | XA308 | 18 | | XA311 | 05 | | | | 16B | 9 | | QXXB20 | 03 | QXDV1A | 01 | 2 | TS8 | B1 | | 10A | | |
| 63246 | | XA308 | 19 | | XA308 | 05 | | | | 16B | 9 | | QXXA0P | 05 | QXDV1A | 01 | 3 | TS8 | B1 | | 09B | | |
| 63258 | | XA308 | 20 | | XA308 | 06 | | | | 16B | 9 | | QXXA1Q | 06 | QXDV1A | 01 | 4 | TS8 | B1 | | 11A | | |
| 60176 | | XA308 | 21 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 63090 | | XA308 | 22 | | XA308 | 38 | | | | 16B | 9 | | QXR0PA | 01 | QXDV1A | 01 | 5 | TS8 | B1 | | 12A | | |
| 62912 | | XA308 | 23 | | XA306 | 65 | | | | 16B | 9 | | QXDV1A | 02 | QXDV1A | 00 | 1 | TS8 | B1 | | 11B | | |
| 63721 | | XA308 | 24 | | XA304 | 17 | | | | 16B | 9 | | SPI0023 | 21 | QXDV1A | 01 | 6 | TS8 | B1 | | 13A | | |
| 63837 | | XA308 | 25 | | XA304 | 29 | | | | 16B | 9 | | SPI0053 | 26 | QXDV1A | 01 | 7 | TS8 | B1 | | 12B | | |
| 63853 | | XA308 | 26 | | XA307 | 25 | | | | 16B | 9 | | SPI0063 | 14 | QXDV1A | 01 | 8 | TS8 | B1 | | 14A | | |
| 60177 | | XA308 | 27 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 60068 | | XA308 | 28 | | | | | | | | | | +5V | 01 | | | | TS8 | | | | | |
| 60178 | | XA308 | 29 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 62906 | | XA308 | 30 | | XA306 | 15 | | | | 16B | 9 | | QXDVSS | 01 | QXSS0A | 01 | 1 | TS8 | C1 | | 15A | | |
| 63339 | | XA308 | 31 | | XA308 | 18 | | | | 16B | 9 | | QXXB20 | 02 | QXSS0A | 01 | 2 | TS8 | C1 | | 15B | | |
| 60432 | | XA308 | 32 | | | | | | | | | | GND | 01 | | | | TS8 | | | 27A | | |
| 60179 | | XA308 | 33 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 63245 | | XA308 | 34 | | XA308 | 19 | | | | 16B | 9 | | QXXA0P | 04 | QXSS0A | 01 | 3 | TS8 | C1 | | 16A | | |
| 63192 | | XA308 | 35 | | XA311 | 34 | | | | 16B | 9 | | QXSS0A | 02 | QXSS0A | 00 | 1 | TS8 | C1 | | 17B | | |
| 63257 | | XA308 | 36 | | XA308 | 20 | | | | 16B | 9 | | QXXA1Q | 05 | QXSS0A | 01 | 4 | TS8 | C1 | | 17A | | |
| 63190 | | XA308 | 37 | | | | | | | | | | QXSS0A | 02 | QXSS0A | 01 | 5 | TS8 | C1 | | 18B | | |
| 63091 | | XA308 | 38 | | XA305 | 70 | | | | 16B | 9 | | QXR0PA | 02 | QXSS0A | 01 | 6 | TS8 | C1 | | 18A | | |
| 60180 | | XA308 | 39 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 63856 | | XA308 | 40 | | XA309 | 43 | | | | 16B | 9 | | SPI0063 | 17 | QXSS0A | 01 | 7 | TS8 | C1 | | 19A | | |
| 60181 | | XA308 | 41 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 63720 | | XA308 | 42 | | XA308 | 24 | | | | 16B | 9 | | SPI0023 | 20 | QXSS0A | 01 | 8 | TS8 | C1 | | 20A | | |
| 63081 | | XA308 | 43 | | XA306 | 52 | | | | 16B | 9 | | QXR0CR | 01 | QXXACO | 01 | 1 | TS8 | D1 | | 23B | | |
| 60433 | | XA308 | 44 | | | | | | | | | | GND | 01 | | | | TS8 | | | 40A | | |
| 60182 | | XA308 | 45 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 63122 | | XA308 | 46 | | XA315 | 75 | | | | 16B | 9 | | QXR1CR | 04 | QXXACO | 01 | 2 | TS8 | D1 | | 21A | | |
| 63236 | | XA308 | 47 | | XA327 | 76 | | | | 16B | 9 | | QXXACO | 01 | QXXACO | 00 | 1 | TS8 | D1 | | 25B | | |
| 63129 | | XA308 | 48 | | XA306 | 45 | | | | 16B | 9 | | QXR2CR | 02 | QXXACO | 01 | 3 | TS8 | D1 | | 22A | | |
| 63138 | | XA308 | 49 | | XA307 | 47 | | | | 16B | 9 | | QXR3CR | 02 | QXXACO | 01 | 4 | TS8 | D1 | | 26B | | |
| 63148 | | XA308 | 50 | | XA315 | 05 | | | | 16B | 9 | | QXR4CR | 03 | QXXACO | 01 | 5 | TS8 | D1 | | 23A | | |
| CONNECTOR XA308 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA308
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 187

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------|-------------|------|-------|--------|---------|----------|--------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SH PG | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 60183 | | XA308 | 51 | | | | | | | | | DNW | 01 | | | TS8 | | | | | |
| 63155 | | XA308 | 52 | | XA307 | 62 | | | 16B | 9 | | QXR5CR | 01 | QXXACO | 01 | 6 | TS8 | D1 | 24A | | |
| 60184 | | XA308 | 53 | | | | | | | | | DNW | 01 | | | TS8 | | | | | |
| 63166 | | XA308 | 54 | | | | | | | | | QXR6CR | 03 | QXXACO | 01 | 7 | TS8 | D1 | 25A | | |
| 62637 | | XA308 | 55 | | XA332 | 36 | | | 16B | 9 | | QLPT1A | 03 | QXXRCO | 01 | 1 | TS8 | E1 | 29B | | |
| 63177 | | XA308 | 56 | | | | | | | | | QXR7CR | 03 | QXXACO | 01 | 8 | TS8 | D1 | 26A | | |
| 60185 | | XA308 | 57 | | | | | | | | | DNW | 01 | | | TS8 | | | | | |
| 60434 | | XA308 | 58 | | | | | | | | | GND | 01 | | | TS8 | | | | | |
| 63488 | | XA308 | 59 | | XA310 | 65 | | | 16B | 9 | | QXXRCO | 01 | QXXRCO | 00 | 1 | TS8 | E1 | 31B | REQUEST INPUTS | |
| 60980 | | XA308 | 60 | | XA333 | 72 | | | 16B | 9 | | PQ08NA | 01 | QXXRCO | 01 | 2 | TS8 | E1 | 28A | | |
| 60975 | | XA308 | 61 | | XA333 | 73 | | | 16B | 9 | | PQ02NA | 01 | QXXRCO | 01 | 3 | TS8 | E1 | 32B | | |
| 60979 | | XA308 | 62 | | | | | | | | | PQ06QA | 02 | QXXRCO | 01 | 4 | TS8 | E1 | 29A | | |
| 60186 | | XA308 | 63 | | | | | | | | | DNW | 01 | | | TS8 | | | | | |
| 62681 | | XA308 | 64 | | | | | | | | | Q048QA | 02 | QXXRCO | 01 | 5 | TS8 | E1 | 30A | | |
| 60187 | | XA308 | 65 | | | | | | | | | DNW | 01 | | | TS8 | | | | | |
| 62679 | | XA308 | 66 | | | | | | | | | QQ10NA | 03 | QXXRCO | 01 | 6 | TS8 | E1 | 31A | | |
| 60435 | | XA308 | 67 | | | | | | | | | GND | 01 | | | TS8 | | | | | |
| 63719 | | XA308 | 68 | | XA308 | 42 | | | 16B | 9 | | SPI0023 | 19 | QXXRCO | 01 | 7 | TS8 | E1 | 32A | | |
| 60188 | | XA308 | 69 | | | | | | | | | DNW | 01 | | | TS8 | | | | | |
| 63870 | | XA308 | 70 | | XA310 | 79 | | | 16B | 9 | | SPI0063 | 31 | QXXRCO | 01 | 8 | TS8 | E1 | 33A | | |
| 62475 | | XA308 | 71 | | XA332 | 68 | | | 16B | 9 | | P0809A | 02 | P2CSMO | 01 | 1 | TS8 | F1 | 36A | CLOCKS | |
| 62478 | | XA308 | 72 | | XA327 | 26 | | | 16B | 9 | | P0910A | 02 | P2CSMO | 01 | 2 | TS8 | F1 | 34A | | |
| 62488 | | XA308 | 73 | | | | | | | | | P1011A | 02 | P2CSMO | 01 | 3 | TS8 | F1 | 36B | | |
| 62451 | | XA308 | 74 | | XA207 | 57 | | | 16B | 9 | | P0111A | 01 | P2CSMO | 01 | 4 | TS8 | F1 | 35B | | |
| 62464 | | XA308 | 75 | | XA207 | 27 | | | 16B | 9 | | P0411A | 01 | P2CSMO | 01 | 5 | TS8 | F1 | 37B | | |
| 62520 | | XA308 | 76 | | XA209 | 17 | | | 16B | 9 | | P2CSMO | 01 | P2CSMO | 00 | 1 | TS8 | F1 | 37A | PARTIAL SUM STATE | |
| 62493 | | XA308 | 77 | | XA316 | 20 | | | 16B | 9 | | SPI0253 | 05 | P2CSMO | 01 | 6 | TS8 | F1 | 38B | | A03 |
| 62496 | | XA308 | 78 | | XA336 | 71 | | | 16B | 9 | | P1102A | 02 | P2CSMO | 01 | 7 | TS8 | F1 | 38A | | |
| 62472 | | XA308 | 79 | | XA207 | 15 | | | 16B | 9 | | P0805A | 01 | P2CSMO | 01 | 8 | TS8 | F1 | 39B | | |
| 60189 | | XA308 | 80 | | | | | | | | | DNW | 01 | | | TS8 | | | | | |
| 62687 | | XA309 | 01 | | | | | | | | | QREL90 | 03 | QREL90 | 00 | 1 | TQ2 | A2 | 02B | | |
| 60436 | | XA309 | 02 | | | | | | | | | GND | 01 | | | TQ2 | | | 01A | | |
| 62797 | | XA309 | 03 | | XA203 | 42 | | | 16B | 9 | | QX8SLOX | 06 | QXBIEA | 01 | 1 | TQ2 | A3 | 02A | | |
| 63038 | | XA309 | 04 | | XA315 | 07 | | | 16B | 9 | | QXRAF5T | 01 | QREL90 | 01 | 1 | TQ2 | A2 | 04A | | |
| 63840 | | XA309 | 05 | | XA310 | 07 | | | 16B | 9 | | SPI0063 | 01 | QREL90 | 01 | 2 | TQ2 | A2 | 03B | | |
| 63067 | | XA309 | 06 | | XA306 | 31 | | | 16B | 9 | | QXRRSA | 01 | QXRRSA | 00 | 1 | TQ2 | A1 | 05A | I/O INPUT REG RES | |
| 63437 | | XA309 | 07 | | | | | | | | | QXXDRA | 02 | QXBIEA | 01 | 2 | TQ2 | A3 | 03A | | |
| 63080 | | XA309 | 08 | | | | | | | | | QXRRSO | 02 | QXRRSA | 01 | 1 | TQ2 | A1 | 06A | | |
| 62765 | | XA309 | 09 | | | | | | | | | QXBIEA | 03 | QXBIEA | 00 | 1 | TQ2 | A3 | 04B | PORT B INPUT ENAB | |
| 63842 | | XA309 | 10 | | XA310 | 13 | | | 16B | 9 | | SPI0063 | 03 | QXRRSA | 01 | 2 | TQ2 | A1 | 07A | | |
| 62783 | | XA309 | 11 | | | | | | | | | QXBROA | 02 | QXBRQ0 | 01 | 1 | TQ2 | A4 | 05B | | |
| 60069 | | XA309 | 12 | | | | | | | | | +5V | 01 | | | TQ2 | | | | | |
| 63844 | | XA309 | 13 | | XA309 | 19 | | | 16B | 9 | | SPI0063 | 05 | QXBRQ0 | 01 | 2 | TQ2 | A4 | 06B | | |
| 62884 | | XA309 | 14 | | XA310 | 18 | | | 16B | 9 | | QXDEVA | 04 | QXDEVA | 00 | 1 | TQ2 | B2 | 09A | * | |
| 62784 | | XA309 | 15 | | XA345 | 33 | | | 16B | 9 | | QXBRQ0 | 01 | QXBRQ0 | 00 | 1 | TQ2 | A4 | 07B | | |
| 60437 | | XA309 | 16 | | | | | | | | | GND | 01 | | | TQ2 | | | 01B | | |
| 63100 | | XA309 | 17 | | | | | | | | | QXR090T | 02 | QXDVCO | 01 | 1 | TQ2 | B3 | 08B | | |
| 63141 | | XA309 | 18 | | XA306 | 47 | | | 16B | 9 | | QXR3CS | 01 | QXDEVA | 01 | 1 | TQ2 | B2 | 10A | | |
| CONNECTOR (XA309) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

H78-14 1202

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA309
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 188

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | FCO NO |
|---------------|--------|-----------|----------------------------|----|--------|-----------|------|----|-------------|------|-------|-------|----------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PL | PREFIX | CONNECTOR | PIN | PL | MULTI GROUP | CODE | COLOR | IDENY | | | | | | | | | | | |
| 63845 | | XA309 | 19 | | | XA309 | 20 | | | 16B | 9 | | SPI0063 | 06 | QXDVC0 | 01 | 2 | T02 | B3 | | 09B | | |
| 63846 | | XA309 | 20 | | | XA310 | 19 | | | 16B | 9 | | SPI0063 | 07 | QXDEVA | 01 | 2 | T02 | B2 | | 11A | | |
| 62902 | | XA309 | 21 | | | XA305 | 78 | | | 16B | 9 | | QXDVC0 | 02 | QXDVC0 | 00 | 1 | T02 | B3 | | 10B | | |
| 62788 | | XA309 | 22 | | | XA202 | 40 | | | 16B | 9 | | QXBSLA | 01 | QXBSLA | 00 | 1 | T02 | B1 | | 12A | | |
| 63101 | | XA309 | 23 | | | XA315 | 26 | | | 16B | 9 | | QXR091T | 01 | QXHST0 | 01 | 1 | T02 | B4 | | 11B | | |
| 62796 | | XA309 | 24 | | | XA309 | 03 | | | 16B | 9 | | QXBLSLOX | 05 | QXBLSA | 01 | 1 | T02 | B1 | | 13A | | |
| 63852 | | XA309 | 25 | | | XA308 | 26 | | | 16B | 9 | | SPI0063 | 13 | QXHST0 | 01 | 2 | T02 | B4 | | 12B | | |
| 63851 | | XA309 | 26 | | | XA309 | 25 | | | 16B | 9 | | SPI0063 | 12 | QXBLSA | 01 | 2 | T02 | B1 | | 14A | | |
| 63010 | | XA309 | 27 | | | | | | | | | | QXHST0 | 02 | QXHST0 | 00 | 1 | T02 | B4 | | 13B | | |
| 60070 | | XA309 | 28 | | | | | | | | | | +5V | 01 | | | | | | | | | |
| 63303 | | XA309 | 29 | | | XA311 | 43 | | | 16B | 9 | | QXXB0P | 01 | QXXB4A | 01 | 1 | T02 | C3 | | 14B | I/O BYTE COUNTER | |
| 63345 | | XA309 | 30 | | | XA310 | 34 | | | 16B | 9 | | QXXB3A | 03 | QXXB3A | 00 | 1 | T02 | C2 | | 15A | I/O BYTE COUNTER | |
| 63319 | | XA309 | 31 | | | XA304 | 34 | | | 16B | 9 | | QXXBIQ | 02 | QXXB4A | 01 | 2 | T02 | C3 | | 15B | | |
| 60438 | | XA309 | 32 | | | | | | | | | | GND | 01 | | | | | | | 20B | | |
| 63350 | | XA309 | 33 | | | XA310 | 29 | | | 16B | 9 | | QXXB4A | 01 | QXXB4A | 00 | 1 | T02 | C3 | | 16B | I/O BYTE COUNTER | |
| 63310 | | XA309 | 34 | | | | | | | | | | QXXB0Q | 04 | QXXB3A | 01 | 1 | T02 | C2 | | 16A | | |
| 63316 | | XA309 | 35 | | | XA303 | 47 | | | 16B | 9 | | QXXB1P | 02 | QXXB5A | 01 | 1 | T02 | C4 | | 17B | | |
| 63335 | | XA309 | 36 | | | XA309 | 37 | | | 16B | 9 | | QXXB2Q | 01 | QXXB3A | 01 | 2 | T02 | C2 | | 17A | | |
| 63336 | | XA309 | 37 | | | XA304 | 31 | | | 16B | 9 | | QXXB2Q | 02 | QXXB5A | 01 | 2 | T02 | C4 | | 18B | | |
| 63328 | | XA309 | 38 | | | XA310 | 40 | | | 16B | 9 | | QXXB2A | 02 | QXXB2A | 00 | 1 | T02 | C1 | | 18A | I/O BYTE COUNTER | |
| 63356 | | XA309 | 39 | | | XA310 | 35 | | | 16B | 9 | | QXXB5A | 02 | QXXB5A | 00 | 1 | T02 | C4 | | 19B | I/O BYTE COUNTER | |
| 63318 | | XA309 | 40 | | | XA309 | 31 | | | 16B | 9 | | QXXB1Q | 01 | QXXB2A | 01 | 1 | T02 | C1 | | 19A | | |
| 63241 | | XA309 | 41 | | | | | | | | | | QXXAD0 | 02 | QXXADA | 01 | 1 | T02 | D3 | | 22B | | |
| 63332 | | XA309 | 42 | | | XA304 | 33 | | | 16B | 9 | | QXXB2P | 03 | QXXB2A | 01 | 2 | T02 | C1 | | 20A | | |
| 63857 | | XA309 | 43 | | | XA310 | 43 | | | 16B | 9 | | SPI0063 | 18 | QXXADA | 01 | 2 | T02 | D3 | | 23B | | |
| 60439 | | XA309 | 44 | | | | | | | | | | GND | 01 | | | | | | | 21B | | |
| 63239 | | XA309 | 45 | | | | | | | | | | QXXADA | 02 | QXXADA | 00 | 1 | T02 | D3 | | 24B | I/O STATE COUNTER | |
| 63203 | | XA309 | 46 | | | XA310 | 48 | | | 16B | 9 | | QXST20 | 01 | QXST20 | 00 | 1 | T02 | D2 | | 21A | | |
| 63252 | | XA309 | 47 | | | | | | | | | | QXXA1P | 02 | QXXA6A | 01 | 1 | T02 | D4 | | 25B | | |
| 63011 | | XA309 | 48 | | | XA203 | 74 | | | 16B | 9 | | QXH50A | 01 | QXST20 | 01 | 1 | T02 | D2 | | 22A | | |
| 63260 | | XA309 | 49 | | | XA302 | 48 | | | 16B | 9 | | QXXA2Q | 01 | QXXA6A | 01 | 2 | T02 | D4 | | 26B | | |
| 63191 | | XA309 | 50 | | | XA308 | 35 | | | 16B | 9 | | QXSS0A | 01 | QXST20 | 01 | 2 | T02 | D2 | | 23A | | |
| 63286 | | XA309 | 51 | | | XA307 | 76 | | | 16B | 9 | | QXXA6A | 01 | QXXA6A | 00 | 1 | T02 | D4 | | 27B | I/O STATE COUNTER | |
| 63188 | | XA309 | 52 | | | | | | | | | | QXSK00 | 03 | QXSK00 | 00 | 1 | T02 | D1 | | 24A | STATUS REG CLOCK | |
| 63305 | | XA309 | 53 | | | XA302 | 59 | | | 16B | 9 | | QXXB0P | 03 | QXXB0A | 01 | 1 | T02 | E3 | | 28B | | |
| 63185 | | XA309 | 54 | | | | | | | | | | QXSK0A | 02 | QXSK00 | 01 | 1 | T02 | D1 | | 25A | | |
| 63330 | | XA309 | 55 | | | XA311 | 46 | | | 16B | 9 | | QXXB2P | 01 | QXXB0A | 01 | 2 | T02 | E3 | | 29B | | |
| 63866 | | XA309 | 56 | | | XA310 | 61 | | | 16B | 9 | | SPI0063 | 27 | QXSK00 | 01 | 2 | T02 | D1 | | 26A | | |
| 63301 | | XA309 | 57 | | | XA310 | 53 | | | 16B | 9 | | QXXB0A | 04 | QXXB0A | 00 | 1 | T02 | E3 | | 30B | I/O BYTE COUNTER | |
| 60440 | | XA309 | 58 | | | | | | | | | | GND | 01 | | | | | | | 27A | | |
| 63309 | | XA309 | 59 | | | XA309 | 34 | | | 16B | 9 | | QXXB0Q | 03 | QXXB1A | 01 | 1 | T02 | E4 | | 31B | | |
| 63273 | | XA309 | 60 | | | XA310 | 62 | | | 16B | 9 | | QXXA5A | 01 | QXXA5A | 00 | 1 | T02 | E2 | | 28A | I/O STATE COUNTER | |
| 63315 | | XA309 | 61 | | | XA309 | 35 | | | 16B | 9 | | QXXB1P | 01 | QXXB1A | 01 | 2 | T02 | E4 | | 32B | | |
| 63243 | | XA309 | 62 | | | XA311 | 48 | | | 16B | 9 | | QXXA0P | 02 | QXXA5A | 01 | 1 | T02 | E2 | | 29A | | |
| 63313 | | XA309 | 63 | | | XA310 | 59 | | | 16B | 9 | | QXXB1A | 01 | QXXB1A | 00 | 1 | T02 | E4 | | 33B | I/O BYTE COUNTER | |
| 63255 | | XA309 | 64 | | | XA311 | 50 | | | 16B | 9 | | QXXA1Q | 03 | QXXA5A | 01 | 2 | T02 | E2 | | 30A | | |
| 63433 | | XA309 | 65 | | | XA205 | 77 | | | 16B | 9 | | QXXD1S | 03 | QXXD1A | 01 | 1 | T02 | F3 | | 34B | | |
| 63269 | | XA309 | 66 | | | XA310 | 68 | | | 16B | 9 | | QXXA4A | 01 | QXXA4A | 00 | 1 | T02 | F1 | | 31A | I/O STATE COUNTER | |
| 60441 | | XA309 | 67 | | | | | | | | | | GND | 01 | | | | | | | 40A | | |
| 63248 | | XA309 | 68 | | | XA302 | 54 | | | 16B | 9 | | QXXA0Q | 01 | QXXA4A | 01 | 1 | T02 | F1 | | 32A | | |
| CONNECTOR | | XA309 | CONTINUED ON THE NEXT PAGE | | | | **** | | | | | | | | | | | | | | | | |

H78-14 1203

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA309
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 189

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-------------------|---------------------------------|--------|-----------|-----|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 63415 | | XA309 | 69 | | | | | | | | QXXDIA | 03 | QXXDIA | 00 | 1 | TQ2 | F3 | | | | |
| 63266 | | XA309 | 70 | | XA310 | 47 | | 16B | 9 | | QXXA30 | 01 | QXXA4A | 01 | 2 | TQ2 | F1 | | 35A | | |
| 62693 | | XA309 | 71 | | XA310 | 01 | | 16B | 9 | | QRTDEA | 01 | QXXDDO | 01 | 1 | TQ2 | F2 | | 33A | | |
| 63411 | | XA309 | 72 | | XA310 | 71 | | 16B | 9 | | QXXDDO | 01 | QXXDDO | 00 | 1 | TQ2 | F2 | | 36A | | |
| 62645 | | XA309 | 73 | | XA306 | 21 | | 16B | 9 | | QLTEOA | 01 | QXXDDO | 01 | 2 | TQ2 | F2 | | 34A | | |
| 62943 | | XA309 | 74 | | XA307 | 75 | | 16B | 9 | | QXEA00 | 01 | QXXDIA | 01 | 2 | TQ2 | F3 | | 36B | | |
| 63380 | | XA309 | 75 | | XA310 | 77 | | 16B | 9 | | QXXCSA | 01 | QXXCSA | 00 | 1 | TQ2 | F1 | | 35B | | |
| 63312 | | XA309 | 76 | | | | | | | | QXXB00 | 02 | QXX04A | 01 | 1 | TQ2 | F4 | | 37B | INPUT STROBE COUNT | |
| 63391 | | XA309 | 77 | | XA304 | 68 | | 16B | 9 | | QXXC2Q | 03 | QXXCSA | 01 | 1 | TQ2 | F1 | | 37A | | |
| 63271 | | XA309 | 78 | | XA310 | 66 | | 16B | 9 | | QXXA4Q | 01 | QXX04A | 01 | 2 | TQ2 | F4 | | 38B | | |
| 63404 | | XA309 | 79 | | XA301 | 61 | | 16B | 9 | | QXXC4Q | 02 | QXXCSA | 01 | 2 | TQ2 | F1 | | 38A | | |
| 63510 | | XA309 | 80 | | XA305 | 25 | | 16B | 9 | | QXX04A | 01 | QXX04A | 00 | 1 | TQ2 | F4 | | 39B | | |
| | | | | | | | | | | | | | | | | | | | | | |
| 62694 | | XA310 | 01 | | | | | | | | QRTDEA | 02 | QRTDEA | 00 | 1 | TQ2 | A2 | | 02B | ENABLE DATA TO RE | |
| 60442 | | XA310 | 02 | | | | | | | | GND | 01 | | | | TQ2 | | | 01A | | |
| 62763 | | XA310 | 03 | | XA310 | 11 | | 16B | 9 | | QXBIEA | 01 | QXBIE0 | 01 | 1 | TQ2 | A3 | | 02A | | |
| 62946 | | XA310 | 04 | | | | | | | | QXEA00 | 04 | QRTDEA | 01 | 1 | TQ2 | A2 | | 04A | | |
| 61340 | | XA310 | 05 | | XA207 | 03 | | 16B | 9 | | PST070 | 03 | QRTDEA | 01 | 2 | TQ2 | A2 | | 03B | | |
| 62691 | | XA310 | 06 | | XA332 | 48 | | 16B | 9 | | QRJ100 | 01 | QRJ100 | 00 | 1 | TQ2 | A1 | | 05A | DATA REJECT OR ST | |
| 63841 | | XA310 | 07 | | XA309 | 10 | | 16B | 9 | | SPT0063 | 02 | QXBIE0 | 01 | 2 | TQ2 | A3 | | 03A | | |
| 62690 | | XA310 | 08 | | | | | | | | QRJCTA | 03 | QRJ100 | 01 | 1 | TQ2 | A1 | | 06A | RECEIVING | |
| 62774 | | XA310 | 09 | | | | | | | | QXBIE0 | 09 | QXBIE0 | 00 | 1 | TQ2 | A3 | | 04B | | |
| 61350 | | XA310 | 10 | | XA319 | 21 | | 16B | 9 | | PST10A | 01 | QRJ100 | 01 | 2 | TQ2 | A1 | | 07A | | |
| 62764 | | XA310 | 11 | | XA309 | 09 | | 16B | 9 | | QXBIEA | 02 | QXBIF0 | 01 | 1 | TQ2 | A4 | | 05B | | |
| 60071 | | XA310 | 12 | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 63843 | | XA310 | 13 | | XA309 | 13 | | 16B | 9 | | SPI0063 | 04 | QXBIF0 | 01 | 2 | TQ2 | A4 | | 06B | | |
| 62893 | | XA310 | 14 | | XA305 | 77 | | 16B | 9 | | QXDEVO | 02 | QXDEVO | 00 | 1 | TQ2 | B2 | | 09A | | |
| 62778 | | XA310 | 15 | | | | | | | | QXBIF0 | 04 | QXBIF0 | 00 | 1 | TQ2 | A4 | | 07B | | |
| 60443 | | XA310 | 16 | | | | | | | | GND | 01 | | | | TQ2 | | | 01B | | |
| 63103 | | XA310 | 17 | | XA315 | 27 | | 16B | 9 | | QXR092T | 01 | QXE0B0 | 01 | 1 | TQ2 | B3 | | 08B | | |
| 62885 | | XA310 | 18 | | XA311 | 66 | | 16B | 9 | | QXDEVA | 05 | QXDEVO | 01 | 1 | TQ2 | B2 | | 10A | | |
| 63847 | | XA310 | 19 | | XA310 | 20 | | 16B | 9 | | SPI0063 | 08 | QXE0B0 | 01 | 2 | TQ2 | B3 | | 09B | | |
| 63848 | | XA310 | 20 | | XA310 | 26 | | 16B | 9 | | SPI0063 | 09 | QXDEVO | 01 | 2 | TQ2 | B2 | | 11A | | |
| 62981 | | XA310 | 21 | | | | | | | | QXE080 | 02 | QXE0B0 | 00 | 1 | TQ2 | B3 | | 10B | | |
| 62835 | | XA310 | 22 | | XA203 | 75 | | 16B | 9 | | QXCA10 | 03 | QXCA10 | 00 | 1 | TQ2 | B1 | | 12A | | |
| 63106 | | XA310 | 23 | | XA315 | 33 | | 16B | 9 | | QXR094T | 02 | QXIRCO | 01 | 1 | TQ2 | B4 | | 11B | | |
| 62832 | | XA310 | 24 | | | | | | | | QXCA1A | 02 | QXCA10 | 01 | 1 | TQ2 | B1 | | 13A | | |
| 63850 | | XA310 | 25 | | XA309 | 26 | | 16B | 9 | | SPI0063 | 11 | QXIRCO | 01 | 2 | TQ2 | B4 | | 12B | | |
| 63849 | | XA310 | 26 | | XA310 | 25 | | 16B | 9 | | SPI0063 | 10 | QXCA10 | 01 | 2 | TQ2 | B1 | | 14A | | |
| 63024 | | XA310 | 27 | | | | | | | | QXIRCO | 03 | QXIRCO | 00 | 1 | TQ2 | B4 | | 13B | | |
| 60072 | | XA310 | 28 | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 63351 | | XA310 | 29 | | | | | | | | QXXB4A | 02 | QXXB40 | 01 | 1 | TQ2 | C3 | | 14B | | |
| 63347 | | XA310 | 30 | | XA311 | 25 | | 16B | 9 | | QXXB30 | 01 | QXXB30 | 00 | 1 | TQ2 | C2 | | 15A | | |
| 63864 | | XA310 | 31 | | XA310 | 55 | | 16B | 9 | | SPI0063 | 25 | QXXB40 | 01 | 2 | TQ2 | C3 | | 15B | | |
| 60444 | | XA310 | 32 | | | | | | | | GND | 01 | | | | TQ2 | | | 20B | | |
| 63354 | | XA310 | 33 | | | | | | | | QXXB40 | 03 | QXXB40 | 00 | 1 | TQ2 | C3 | | 16B | | |
| 63346 | | XA310 | 34 | | | | | | | | QXXB3A | 04 | QXXB30 | 01 | 1 | TQ2 | C2 | | 16A | | |
| 63357 | | XA310 | 35 | | | | | | | | QXXB5A | 03 | QXXB50 | 01 | 1 | TQ2 | C4 | | 17B | | |
| 63862 | | XA310 | 36 | | XA310 | 37 | | 16B | 9 | | SPI0063 | 23 | QXXB30 | 01 | 2 | TQ2 | C2 | | 17A | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | CONNECTOR (XA310) | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | |

H78-14 1204

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA310
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 190

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|------|-------------|------|-------|---------|--------|----------|------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SIZE | MULTI-GROUP | CODE | COLOR | | | | | | | | | | | |
| 63863 | XA310 | 37 | | XA310 | 31 | | | 16B | 9 | | SPI0063 | 24 | QXXB50 | 01 | 2 | TQ2 | C4 | | 18B | | |
| 63338 | XA310 | 38 | | XA308 | 31 | | | 16B | 9 | | QXXB20 | 01 | QXXB20 | 00 | 1 | TQ2 | C1 | | 18A | | |
| 63359 | XA310 | 39 | | | | | | | | | QXXB50 | 02 | QXXB50 | 00 | 1 | TQ2 | C4 | | 19B | | |
| 63329 | XA310 | 40 | | | | | | | | | QXXB2A | 03 | QXXB20 | 01 | 1 | TQ2 | C1 | | 19A | | |
| 63293 | XA310 | 41 | | | | | | | | | QXXBC0 | 02 | QXXBCA | 01 | 1 | TQ2 | D3 | | 22B | | |
| 63861 | XA310 | 42 | | XA310 | 36 | | | 16B | 9 | | SPI0063 | 22 | QXXB20 | 01 | 2 | TQ2 | C1 | | 20A | | |
| 63858 | XA310 | 43 | | XA310 | 49 | | | 16B | 9 | | SPI0063 | 19 | QXXBCA | 01 | 2 | TQ2 | D3 | | 23B | | |
| 60445 | XA310 | 44 | | | | | | | | | GND | 01 | | | | TQ2 | | | 21B | | |
| 63291 | XA310 | 45 | | | | | | | | | QXXBCA | 04 | QXXBCA | 00 | 1 | TQ2 | D3 | | 24B | I/O BYTE COUNTER | |
| 63201 | XA310 | 46 | | XA303 | 39 | | | 16B | 9 | | QXST2A | 01 | QXST2A | 00 | 1 | TQ2 | D2 | | 21A | | |
| 63267 | XA310 | 47 | | XA302 | 43 | | | 16B | 9 | | QXXA3Q | 02 | QXXBK0 | 01 | 1 | TQ2 | D4 | | 25B | | |
| 63204 | XA310 | 48 | | | | | | | | | QXST20 | 02 | QXST2A | 01 | 1 | TQ2 | D2 | | 22A | | |
| 63859 | XA310 | 49 | | XA310 | 50 | | | 16B | 9 | | SPI0063 | 20 | QXXBK0 | 01 | 2 | TQ2 | D4 | | 26B | | |
| 63860 | XA310 | 50 | | XA310 | 42 | | | 16B | 9 | | SPI0063 | 21 | QXST2A | 01 | 2 | TQ2 | D2 | | 23A | | |
| 63294 | XA310 | 51 | | XA304 | 30 | | | 16B | 9 | | QXXBK0 | 01 | QXXBK0 | 00 | 1 | TQ2 | D4 | | 27B | I/O BYTE COUNTER | |
| 63184 | XA310 | 52 | | XA309 | 54 | | | 16B | 9 | | QXSK0A | 01 | QXSK0A | 00 | 1 | TQ2 | D1 | | 24A | | |
| 63302 | XA310 | 53 | | | | | | | | | QXXB0A | 05 | QXXB00 | 01 | 1 | TQ2 | E3 | | 28B | | |
| 63390 | XA310 | 54 | | XA309 | 77 | | | 16B | 9 | | QXXC2Q | 02 | QXSK0A | 01 | 1 | TQ2 | D1 | | 25A | | |
| 63865 | XA310 | 55 | | XA309 | 56 | | | 16B | 9 | | SPI0063 | 26 | QXXB00 | 01 | 2 | TQ2 | E3 | | 29B | | |
| 63397 | XA310 | 56 | | | | | | | | | QXXC3P | 04 | QXSK0A | 01 | 2 | TQ2 | D1 | | 26A | | |
| 63311 | XA310 | 57 | | XA309 | 76 | | | 16B | 9 | | QXXB00 | 01 | QXXB00 | 00 | 1 | TQ2 | E3 | | 30B | | |
| 60446 | XA310 | 58 | | | | | | | | | GND | 01 | | | | TQ2 | | | 27A | | |
| 63314 | XA310 | 59 | | | | | | | | | QXXB1A | 02 | QXXB10 | 01 | 1 | TQ2 | E4 | | 31B | | |
| 63284 | XA310 | 60 | | XA305 | 64 | | | 16B | 9 | | QXXA50 | 10 | QXXA50 | 00 | 1 | TQ2 | E2 | | 29A | | |
| 63867 | XA310 | 61 | | XA310 | 64 | | | 16B | 9 | | SPI0063 | 28 | QXXB10 | 01 | 2 | TQ2 | E4 | | 32B | | |
| 63274 | XA310 | 62 | | | | | | | | | QXXA5A | 02 | QXXA50 | 01 | 1 | TQ2 | E2 | | 29A | | |
| 63322 | XA310 | 63 | | XA208 | 78 | | | 16B | 9 | | QXXB10 | 01 | QXXB10 | 00 | 1 | TQ2 | E4 | | 33B | | |
| 63868 | XA310 | 64 | | XA310 | 70 | | | 16B | 9 | | SPI0063 | 29 | QXXA50 | 01 | 2 | TQ2 | E2 | | 30A | | |
| 63489 | XA310 | 65 | | | | | | | | | QXXRC0 | 02 | QXXRCA | 01 | 1 | TQ2 | F3 | | 34B | | |
| 63272 | XA310 | 66 | | | | | | | | | QXXA40 | 02 | QXXA40 | 00 | 1 | TQ2 | F1 | | 31A | | |
| 60447 | XA310 | 67 | | | | | | | | | GND | 01 | | | | TQ2 | | | 40A | | |
| 63270 | XA310 | 68 | | | | | | | | | QXXA4A | 02 | QXXA40 | 01 | 1 | TQ2 | E1 | | 32A | | |
| 63483 | XA310 | 69 | | | | | | | | | QXXRCA | 02 | QXXRCA | 00 | 1 | TQ2 | F3 | | 35A | | |
| 63869 | XA310 | 70 | | XA308 | 70 | | | 16B | 9 | | SPI0063 | 30 | QXXA40 | 01 | 2 | TQ2 | E1 | | 33A | | |
| 63412 | XA310 | 71 | | | | | | | | | QXXDD0 | 02 | QXXDDA | 01 | 1 | TQ2 | F2 | | 36A | | |
| 63407 | XA310 | 72 | | | | | | | | | QXXDDA | 02 | QXXDDA | 00 | 1 | TQ2 | F2 | | 34A | | |
| 63905 | XA310 | 73 | | XA310 | 78 | | | 16B | 9 | | SPI0073 | 32 | QXXDDA | 01 | 2 | TQ2 | F2 | | 36B | | |
| 63492 | XA310 | 74 | | | | | | | | | QXXREP | 03 | QXXRCA | 01 | 2 | TQ2 | E3 | | 35B | A05 | |
| 63384 | XA310 | 75 | | | | | | | | | QXXCS0 | 03 | QXXCS0 | 00 | 1 | TQ2 | F1 | | 37B | | |
| 62714 | XA310 | 76 | | XA307 | 21 | | | 16B | 9 | | QWRITA | 01 | QWRITO | 01 | 1 | TQ2 | F4 | | 37A | | |
| 63381 | XA310 | 77 | | | | | | | | | QXXCSA | 02 | QXXCS0 | 01 | 1 | TQ2 | F1 | | 38B | | |
| 63906 | XA310 | 78 | | XA311 | 79 | | | 16B | 9 | | SPI0073 | 33 | QWRITO | 01 | 2 | TQ2 | F4 | | 38A | | |
| 63871 | XA310 | 79 | | XA307 | 79 | | | 16B | 9 | | SPI0063 | 32 | QXXCS0 | 01 | 2 | TQ2 | F1 | | 39B | | |
| 62720 | XA310 | 80 | | XA305 | 55 | | | 16B | 9 | | QWRITO | 05 | QWRITO | 00 | 1 | TQ2 | F4 | | 39A | | |
| 62716 | XA311 | 01 | | XA311 | 06 | | | 16B | 9 | | QWRITO | 01 | QXEDIA | 01 | 1 | TD4 | A2 | | 02B | | |
| 60448 | XA311 | 02 | | | | | | | | | GND | 01 | | | | TD4 | | | 01A | | |
| 60190 | XA311 | 03 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 62976 | XA311 | 04 | | XA306 | 06 | | | 16B | 9 | | QXENAS | 04 | QXEDIA | 01 | 2 | TD4 | A2 | | 04A | | |
| CONNECTOR XA311 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA311
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 191

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SPE. INST. MISC. | SIGNAL | SEQ NO. | EQUATION | TERM. | FACT. | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO. |
|---|--------|-----------|-----|------|--------|-----------|-----|------|-------------|------|-------|------------------|--------|---------|----------|-------|-------|------------------|-------|---------------------|-------------|-----|--------------------|---------|
| | PREFIX | CONNECTOR | PIN | DNFG | PREFIX | CONNECTOR | PIN | DNFG | MULTI GROUP | CODE | COLOR | | | | | | | | | | IDENT | AND | | |
| 63341 | XA311 | 05 | | | XA203 | 46 | | | | 16B | 9 | | QXXB20 | 04 | QXED1A | 01 | 3 | TD4 | A2 | | 03B | | | |
| 62717 | XA311 | 06 | | | XA311 | 14 | | | | 16B | 9 | | QWRITO | 02 | QXED0A | 01 | 1 | TD4 | A1 | | | 05A | | |
| 63280 | XA311 | 07 | | | XA311 | 13 | | | | 16B | 9 | | QXXA50 | 06 | QXED1A | 01 | 4 | TD4 | A2 | | | 03A | | |
| 62975 | XA311 | 08 | | | XA311 | 04 | | | | 16B | 9 | | QXENAS | 03 | QXED0A | 01 | 2 | TD4 | A1 | | | 06A | | |
| 62963 | XA311 | 09 | | | | | | | | | | | QXED1A | 03 | QXED1A | 00 | 1 | TD4 | A2 | | | 04B | RECEIVE DATA STRO | |
| 63325 | XA311 | 10 | | | | | | | | | | | QXXB10 | 04 | QXED0A | 01 | 3 | TD4 | A1 | | | 07A | | |
| 62960 | XA311 | 11 | | | | | | | | | | | QXED0A | 03 | QXED0A | 00 | 1 | TD4 | A1 | | | 05B | RECEIVE DATA STRO | |
| 60073 | XA311 | 12 | | | | | | | | | | | +5V | 01 | | | | TD4 | | | | | | |
| 63281 | XA311 | 13 | | | XA311 | 20 | | | | 16B | 9 | | QXXA50 | 07 | QXED0A | 01 | 4 | TD4 | A1 | | | 06B | | |
| 62718 | XA311 | 14 | | | XA311 | 22 | | | | 16B | 9 | | QWRITO | 03 | QXED3A | 01 | 1 | TD4 | B2 | | | 09A | | |
| 60191 | XA311 | 15 | | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | | |
| 60449 | XA311 | 16 | | | | | | | | | | | GND | 01 | | | | TD4 | | | | | 20B | |
| 60192 | XA311 | 17 | | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | | |
| 62974 | XA311 | 18 | | | XA311 | 08 | | | | 16B | 9 | | QXENAS | 02 | QXED3A | 01 | 2 | TD4 | B2 | | | 10A | | |
| 63353 | XA311 | 19 | | | XA310 | 33 | | | | 16B | 9 | | QXXB40 | 02 | QXED3A | 01 | 3 | TD4 | B2 | | | 09B | | |
| 63282 | XA311 | 20 | | | XA311 | 26 | | | | 16B | 9 | | QXXA50 | 08 | QXED3A | 01 | 4 | TD4 | B2 | | | 11A | | |
| 62968 | XA311 | 21 | | | XA323 | 62 | | | | 16B | 9 | | QXED3A | 02 | QXED3A | 00 | 1 | TD4 | B2 | | | 10B | RECEIVE DATA STRO | |
| 62719 | XA311 | 22 | | | XA310 | 80 | | | | 16B | 9 | | QWRITO | 04 | QXED2A | 01 | 1 | TD4 | B1 | | | 12A | | |
| 62966 | XA311 | 23 | | | | | | | | | | | QXED2A | 03 | QXED2A | 00 | 1 | TD4 | B1 | | | 11B | RECEIVE DATA STRO | |
| 62973 | XA311 | 24 | | | XA311 | 18 | | | | 16B | 9 | | QXENAS | 01 | QXED2A | 01 | 2 | TD4 | B1 | | | 13A | | |
| 63348 | XA311 | 25 | | | XA310 | 47 | | | | 16B | 9 | | QXXB30 | 02 | QXED2A | 01 | 3 | TD4 | B1 | | | 12B | | |
| 63283 | XA311 | 26 | | | XA203 | 60 | | | | 16B | 9 | | QXXA50 | 09 | QXED2A | 01 | 4 | TD4 | B1 | | | 14A | | |
| 60193 | XA311 | 27 | | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | | |
| 60074 | XA311 | 28 | | | | | | | | | | | +5V | 01 | | | | TD4 | | | | | | |
| 60194 | XA311 | 29 | | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | | |
| 62597 | XA311 | 30 | | | XA307 | 22 | | | | 16B | 9 | | QDVOFA | 01 | QXXC10 | 01 | 1 | TD4 | C2 | | | 15A | | |
| 62600 | XA311 | 31 | | | | | | | | | | | QDVONA | 02 | QXXC10 | 01 | 2 | TD4 | C2 | | | 15B | | |
| 60450 | XA311 | 32 | | | | | | | | | | | GND | 01 | | | | TD4 | | | | | 21B | |
| 63370 | XA311 | 33 | | | XA328 | 29 | | | | 16B | 9 | | QXXC10 | 02 | QXXC10 | 00 | 1 | TD4 | C2 | | | 16B | INDICATOR INPUTS | |
| 63193 | XA311 | 34 | | | | | | | | | | | QXSS0A | 03 | QXXC10 | 01 | 3 | TD4 | C2 | | | 16A | | |
| 63240 | XA311 | 35 | | | XA309 | 41 | | | | 16B | 9 | | QXXADO | 01 | QXXADO | 00 | 1 | TD4 | C1 | | | 17B | | |
| 63534 | XA311 | 36 | | | XA303 | 03 | | | | 16B | 9 | | QXOD3A | 03 | QXXC10 | 01 | 4 | TD4 | C2 | | | 17A | | |
| 63048 | XA311 | 37 | | | XA332 | 57 | | | | 16B | 9 | | QXRCMR | 03 | QXXADO | 01 | 1 | TD4 | C1 | | | 18B | | |
| 63054 | XA311 | 38 | | | XA307 | 34 | | | | 16B | 9 | | QXRENR | 02 | QXXADO | 01 | 2 | TD4 | C1 | | | 18A | | |
| 60195 | XA311 | 39 | | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | | |
| 63060 | XA311 | 40 | | | XA307 | 29 | | | | 16B | 9 | | QXRPCR | 01 | QXXADO | 01 | 3 | TD4 | C1 | | | 19A | | |
| 60196 | XA311 | 41 | | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | | |
| 63230 | XA311 | 42 | | | | | | | | | | | QXXACA | 02 | QXXADO | 01 | 4 | TD4 | C1 | | | 20A | | |
| 63304 | XA311 | 43 | | | XA309 | 53 | | | | 16B | 9 | | QXXBOP | 02 | QXX05A | 01 | 1 | TD4 | D2 | | | 23B | | |
| 60451 | XA311 | 44 | | | | | | | | | | | GND | 01 | | | | TD4 | | | | | 27A | |
| 63514 | XA311 | 45 | | | | | | | | | | | QXX05A | 02 | QXX05A | 00 | 1 | TD4 | D2 | | | 24B | | |
| 63331 | XA311 | 46 | | | XA309 | 42 | | | | 16B | 9 | | QXXB2P | 02 | QXX05A | 01 | 2 | TD4 | D2 | | | 21A | | |
| 63379 | XA311 | 47 | | | | | | | | | | | QXXCRO | 08 | QXXCRO | 00 | 1 | TD4 | D1 | | | 25B | | |
| 63244 | XA311 | 48 | | | XA308 | 34 | | | | 16B | 9 | | QXXAOP | 03 | QXX05A | 01 | 3 | TD4 | D2 | | | 22A | | |
| 63363 | XA311 | 49 | | | XA304 | 47 | | | | 16B | 9 | | QXXCIP | 02 | QXXCRO | 01 | 1 | TD4 | D1 | | | 26B | | |
| 63256 | XA311 | 50 | | | XA308 | 36 | | | | 16B | 9 | | QXXAIQ | 04 | QXX05A | 01 | 4 | TD4 | D2 | | | 23A | | |
| 60197 | XA311 | 51 | | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | | |
| 63409 | XA311 | 52 | | | XA304 | 57 | | | | 16B | 9 | | QXXDDP | 02 | QXXCRO | 01 | 2 | TD4 | D1 | | | 24A | | |
| 60198 | XA311 | 53 | | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | | |
| 63420 | XA311 | 54 | | | XA301 | 76 | | | | 16B | 9 | | QXXDIP | 05 | QXXCRO | 01 | 3 | TD4 | D1 | | | 25A | | |
| CONNECTOR XA311 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1206

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA311
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 192

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | FCO NO |
|---------------|--------|-----------|---------------------------------|--------|-----------|-----|-------------|------|-------|-------|--------|---------|----------|---------|--------|------------------|-------|---------------------|--------------------|--------------------|-------------------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 60770 | | XA311 | 55 | | | | | | | | | PDER90 | 03 | QOLPEA | 01 | 1 | TD4 | E2 | | 29B | |
| 63441 | | XA311 | 56 | | XA332 | 78 | | 16B | 9 | | | QXXDSP | 02 | QXXCRO | 01 | 4 | TD4 | D1 | | 26A | |
| 63563 | | XA311 | 57 | | XA333 | 43 | | 16B | 9 | | | QOLPEA | 01 | QOLPEA | 00 | 1 | TD4 | E2 | | 30B | DEVICE ERROR, CPU |
| 60452 | | XA311 | 58 | | | | | | | | | GND | 01 | | | | TD4 | | | 40A | |
| 63553 | | XA311 | 59 | | XA206 | 78 | | 16B | 9 | | | QXOR0A | 01 | QXOR0A | 00 | 1 | TD4 | E1 | | 31B | |
| 61623 | | XA311 | 60 | | | | | | | | | PSTR50 | 06 | QOLPEA | 01 | 2 | TD4 | E2 | | 28A | |
| 62834 | | XA311 | 61 | | XA310 | 22 | | 16B | 9 | | | QXCA10 | 02 | QXOR0A | 01 | 1 | TD4 | E1 | | 32B | |
| 63574 | | XA311 | 62 | | XA305 | 36 | | 16B | 9 | | | QONLNO | 02 | QOLPEA | 01 | 3 | TD4 | E2 | | 29A | |
| 60199 | | XA311 | 63 | | | | | | | | | DNW | 01 | | | | TD4 | | | | |
| 61367 | | XA311 | 64 | | | | | | | | | PST390 | 03 | QOLPEA | 01 | 4 | TD4 | E2 | | 30A | |
| 60200 | | XA311 | 65 | | | | | | | | | DNW | 01 | | | | TD4 | | | | |
| 62886 | | XA311 | 66 | | | | | | | | | QXDEVA | 06 | QXOR0A | 01 | 2 | TD4 | E1 | | 31A | |
| 60453 | | XA311 | 67 | | | | | | | | | GND | 01 | | | | TD4 | | | 40B | |
| 63548 | | XA311 | 68 | | XA208 | 69 | | 16B | 9 | | | QXOFRO | 01 | QXOR0A | 01 | 3 | TD4 | E1 | | 32A | |
| 64730 | | XA311 | 69 | | | | | | | | | SPO | 01 | | 00 | 1 | TD4 | F2 | | 35A | |
| 63557 | | XA311 | 70 | | XA209 | 33 | | 16B | 9 | | | QOFRNO | 01 | QXOR0A | 01 | 4 | TD4 | E1 | | 33A | |
| 63926 | | XA311 | 71 | | XA311 | 77 | | 16B | 9 | | | SPI0083 | 19 | | 01 | 1 | TD4 | F2 | | 36A | |
| 63904 | | XA311 | 72 | | XA310 | 73 | | 16B | 9 | | | SPI0073 | 31 | | 01 | 2 | TD4 | F2 | | 34A | |
| 63833 | | XA311 | 73 | | XA311 | 75 | | 16B | 9 | | | SPI0053 | 22 | | 01 | 3 | TD4 | F2 | | 36B | |
| 63717 | | XA311 | 74 | | XA311 | 78 | | 16B | 9 | | | SPI0023 | 17 | | 01 | 4 | TD4 | F2 | | 35B | |
| 63834 | | XA311 | 75 | | XA313 | 51 | | 16B | 9 | | | SPI0053 | 23 | | 01 | 1 | TD4 | F1 | | 37B | |
| 64731 | | XA311 | 76 | | | | | | | | | SPO | 01 | | 00 | 1 | TD4 | F1 | | 37A | |
| 63927 | | XA311 | 77 | | | | | | | | | SPI0083 | 20 | | 01 | 2 | TD4 | F1 | | 38B | |
| 63718 | | XA311 | 78 | | XA308 | 68 | | 16B | 9 | | | SPI0023 | 18 | | 01 | 3 | TD4 | F1 | | 38A | |
| 63907 | | XA311 | 79 | | | | | | | | | SPI0073 | 34 | | 01 | 4 | TD4 | F1 | | 39B | |
| 60201 | | XA311 | 80 | | | | | | | | | DNW | 01 | | | | TD4 | | | | |
| 60202 | | XA312 | 01 | | | | | | | | | DNW | 01 | | | | MUX | | | | |
| 60454 | | XA312 | 02 | | | | | | | | | GND | 01 | | | | MUX | | | 01B | |
| 61133 | | XA312 | 03 | | XA322 | 13 | | 16B | 9 | | | PR00BQ | 01 | QXDB01X | 01 | 1 | MUX | A1 | | 02B | |
| 62857 | | XA312 | 04 | | XA314 | 53 | | 16B | 9 | | | QXDB01X | 01 | QXDB01X | 00 | 1 | MUX | A1 | | 02A | |
| 61208 | | XA312 | 05 | | XA322 | 37 | | 16B | 9 | | | PR24BQ | 01 | QXDB01X | 01 | 2 | MUX | A1 | | 03B | |
| 64938 | | XA312 | 06 | | | | | | | | M | QXDB02X | 01 | QXDB02X | 00 | 1 | MUX | A2 | | 03A | |
| 61160 | | XA312 | 07 | | XA321 | 25 | | 16B | 9 | | | PR08BQ | 01 | QXDB01X | 01 | 3 | MUX | A1 | | 04B | |
| 63449 | | XA312 | 08 | | XA313 | 08 | | 16B | 9 | | | QXXDSQ | 07 | QXDB02X | 01 | 3 | MUX | A2 | | 04A | |
| 61184 | | XA312 | 09 | | XA320 | 37 | | 16B | 9 | | | PR16BQ | 01 | QXDB01X | 01 | 4 | MUX | A1 | | 05B | |
| 63458 | | XA312 | 10 | | XA312 | 26 | | 16B | 9 | | | QXXDQO | 03 | QXDB02X | 01 | 2 | MUX | A2 | | 05A | |
| 60767 | | XA312 | 11 | | XA303 | 18 | | 16B | 9 | | | QXGN1A | 11 | QXDB01X | 01 | 5 | MUX | A1 | | 06B | |
| 60075 | | XA312 | 12 | | | | | | | | | +5V | 01 | | | | MUX | | | 08A | |
| 63000 | | XA312 | 13 | | XA313 | 13 | | 16B | 9 | | | QXGN5A | 01 | QXDB02X | 01 | 4 | MUX | A2 | | 07A | |
| 63475 | | XA312 | 14 | | XA312 | 27 | | 16B | 9 | | | QXXD1Q | 04 | QXDB02X | 01 | 1 | MUX | A2 | | 06A | |
| 62420 | | XA312 | 15 | | XA307 | 26 | | 16B | 9 | | | PONL10 | 06 | QXDB01X | 01 | 6 | MUX | A1 | | 07B | |
| 60455 | | XA312 | 16 | | | | | | | | | GND | 01 | | | | MUX | | | 20B | |
| 60833 | | XA312 | 17 | | XA327 | 51 | | 16B | 9 | | | PEBC0A | 01 | QXDB01X | 01 | 8 | MUX | A1 | | 08B | |
| 62301 | | XA312 | 18 | | XA326 | 78 | | 16B | 9 | | | PXXREQ | 01 | QXDB01X | 01 | 7 | MUX | A1 | | 09A | A05 |
| 61139 | | XA312 | 19 | | XA322 | 07 | | 16B | 9 | | | PR01BQ | 01 | QXDB11X | 01 | 1 | MUX | B1 | | 09B | |
| 62860 | | XA312 | 20 | | | | | | | | | QXDB11X | 02 | QXDB11X | 00 | 1 | MUX | B1 | | 10A | |
| 61211 | | XA312 | 21 | | XA322 | 31 | | 16B | 9 | | | PR25BQ | 01 | QXDB11X | 01 | 2 | MUX | B1 | | 10B | |
| 64939 | | XA312 | 22 | | | | | | | | M | QXDB12X | 01 | QXDB12X | 00 | 1 | MUX | B2 | | 11A | |
| CONNECTOR | | XA312 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA312
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 194

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------|-------------|------|-------|--------|---------|----------|---------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PLANE | PREFIX | CONNECTOR | PIN | PLANE | SH EG | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 64732 | | XA312 | 73 | | | | | | | | | | | SPO | 01 | | 00 | 1 | MUX | E1 | | 34B | |
| 64733 | | XA312 | 74 | | | | | | | | | | | SPO | 01 | | 00 | 1 | MUX | E3 | | 36A | |
| 63930 | | XA312 | 75 | | | XA313 | 75 | | | 16B | 9 | | | SPI0093 | 03 | | 01 | 1 | MUX | E2 | | 35B | |
| 63984 | | XA312 | 76 | | | XA313 | 78 | | | 16B | 9 | | | SPI0143 | 03 | | 01 | 1 | MUX | E4 | | 37A | |
| 63942 | | XA312 | 77 | | | XA313 | 77 | | | 16B | 9 | | | SPI0103 | 03 | | 01 | 2 | MUX | E2 | | 36B | |
| 63979 | | XA312 | 78 | | | XA313 | 64 | | | 16B | 9 | | | SPI0133 | 08 | | 01 | 2 | MUX | E4 | | 38A | |
| 64734 | | XA312 | 79 | | | | | | | | | | | SPO | 01 | | 00 | 1 | MUX | E2 | | 37B | |
| 64735 | | XA312 | 80 | | | | | | | | | | | SPO | 01 | | 00 | 1 | MUX | E4 | | 38B | |
| 60204 | | XA313 | 01 | | | | | | | | | | | DNW | 01 | | | | MUX | | | | |
| 60460 | | XA313 | 02 | | | | | | | | | | | GND | 01 | | | | MUX | | | | 01B |
| 61145 | | XA313 | 03 | | | XA320 | 19 | | | 16B | 9 | | | PR03BQ | 01 | QXDB31X | 01 | 1 | MUX | A1 | | | 02B |
| 62863 | | XA313 | 04 | | | XA314 | 64 | | | 16B | 9 | | | QXDB31X | 01 | QXDB31X | 00 | 1 | MUX | A1 | | | 02A |
| 61217 | | XA313 | 05 | | | XA320 | 43 | | | 16B | 9 | | | PR27BQ | 01 | QXDB31X | 01 | 2 | MUX | A1 | | | 03B |
| 64941 | | XA313 | 06 | | | | | | | | | M | | QXDB32X | 01 | QXDB32X | 00 | 1 | MUX | A2 | | | 03A |
| 61169 | | XA313 | 07 | | | XA322 | 19 | | | 16B | 9 | | | PR11BQ | 01 | QXDB31X | 01 | 3 | MUX | A1 | | | 04B |
| 63450 | | XA313 | 08 | | | XA314 | 08 | | | 16B | 9 | | | QXXDSQ | 08 | QXDB32X | 01 | 3 | MUX | A2 | | | 04A |
| 61193 | | XA313 | 09 | | | XA321 | 31 | | | 16B | 9 | | | PR19BQ | 01 | QXDB31X | 01 | 4 | MUX | A1 | | | 05B |
| 63457 | | XA313 | 10 | | | XA312 | 10 | | | 16B | 9 | | | QXXDQ0 | 02 | QXDB32X | 01 | 2 | MUX | A2 | | | 05A |
| 62533 | | XA313 | 11 | | | XA313 | 29 | | | 16B | 9 | | | QXGN1A | 06 | QXDB31X | 01 | 5 | MUX | A1 | | | 06B |
| 60077 | | XA313 | 12 | | | | | | | | | | | +5V | 01 | | | | MUX | | | | 08A |
| 63001 | | XA313 | 13 | | | XA314 | 13 | | | 16B | 9 | | | QXGN5A | 02 | QXDB32X | 01 | 4 | MUX | A2 | | | 07A |
| 63474 | | XA313 | 14 | | | XA312 | 14 | | | 16B | 9 | | | QXXD10 | 03 | QXDB32X | 01 | 1 | MUX | A2 | | | 06A |
| 62655 | | XA313 | 15 | | | XA314 | 62 | | | 16B | 9 | | | QPERRS | 01 | QXDB31X | 01 | 6 | MUX | A1 | | | 07B |
| 60461 | | XA313 | 16 | | | | | | | | | | | GND | 01 | | | | MUX | | | | 20B |
| 60826 | | XA313 | 17 | | | | | | | | | | | PEBCAA | 03 | QXDB31X | 01 | 8 | MUX | A1 | | | 08B |
| 63612 | | XA313 | 18 | | | XA207 | 72 | | | 16B | 9 | | | Q1PND0 | 02 | QXDB31X | 01 | 7 | MUX | A1 | | | 09A |
| 61148 | | XA313 | 19 | | | XA321 | 49 | | | 16B | 9 | | | PR04BQ | 01 | QXDB41X | 01 | 1 | MUX | B1 | | | 09B |
| 62873 | | XA313 | 20 | | | XA312 | 53 | | | 16B | 9 | | | QXDB41X | 01 | QXDB41X | 00 | 1 | MUX | B1 | | | 10A |
| 61221 | | XA313 | 21 | | | XA321 | 78 | | | 16B | 9 | | M | PR28BQ | 02 | QXDB41X | 01 | 2 | MUX | B1 | | | 10B |
| 64942 | | XA313 | 22 | | | | | | | | | | | QXDB42X | 01 | QXDB42X | 00 | 1 | MUX | B2 | | | 11A |
| 61172 | | XA313 | 23 | | | XA320 | 61 | | | 16B | 9 | | | PR12BQ | 01 | QXDB41X | 01 | 3 | MUX | B1 | | | 11B |
| 63447 | | XA313 | 24 | | | XA312 | 24 | | | 16B | 9 | | | QXXDSQ | 05 | QXDB42X | 01 | 3 | MUX | B2 | | | 12A |
| 61196 | | XA313 | 25 | | | XA322 | 61 | | | 16B | 9 | | | PR20BQ | 01 | QXDB41X | 01 | 4 | MUX | B1 | | | 12B |
| 63461 | | XA313 | 26 | | | XA313 | 42 | | | 16B | 9 | | | QXXDQ0 | 06 | QXDB42X | 01 | 2 | MUX | B2 | | | 13A |
| 63477 | | XA313 | 27 | | | XA314 | 27 | | | 16B | 9 | | | QXXD1Q | 06 | QXDB42X | 01 | 1 | MUX | B2 | | | 14A |
| 60078 | | XA313 | 28 | | | | | | | | | | | +5V | 01 | | | | MUX | | | | 08A |
| 61063 | | XA313 | 29 | | | XA313 | 43 | | | 16B | 9 | | | QXGN1A | 07 | QXDB41X | 01 | 5 | MUX | B1 | | | 13B |
| 63004 | | XA313 | 30 | | | XA312 | 30 | | | 16B | 9 | | | QXGN5A | 05 | QXDB42X | 01 | 4 | MUX | B2 | | | 15A |
| 60744 | | XA313 | 31 | | | XA209 | 75 | | | 16B | 9 | | | PART10 | 04 | QXDB41X | 01 | 6 | MUX | B1 | | | 14B |
| 60462 | | XA313 | 32 | | | | | | | | | | | GND | 01 | | | | MUX | | | | 27A |
| 61256 | | XA313 | 33 | | | XA315 | 46 | | | 16B | 9 | | | PSTCT4U | 01 | QXDB41X | 01 | 8 | MUX | B1 | | | 16A |
| 62527 | | XA313 | 34 | | | | | | | | | | | P20DLQ | 04 | QXDB41X | 01 | 7 | MUX | B1 | | | 15B |
| 61151 | | XA313 | 35 | | | XA321 | 43 | | | 16B | 9 | | | PR05BQ | 01 | QXDB51X | 01 | 1 | MUX | C1 | | | 16B |
| 62876 | | XA313 | 36 | | | | | | | | | | | QXDB51X | 02 | QXDB51X | 00 | 1 | MUX | C1 | | | 17A |
| 61223 | | XA313 | 37 | | | XA321 | 74 | | | 16B | 9 | | | PR29BQ | 01 | QXDB51X | 01 | 2 | MUX | C1 | | | 17B |
| 64943 | | XA313 | 38 | | | | | | | | | M | | QXDB52X | 01 | QXDB52X | 00 | 1 | MUX | C2 | | | 18A |
| 61175 | | XA313 | 39 | | | XA320 | 55 | | | 16B | 9 | | | PR13BQ | 01 | QXDB51X | 01 | 3 | MUX | C1 | | | 18B |
| 63445 | | XA313 | 40 | | | XA314 | 24 | | | 16B | 9 | | | QXXDSQ | 03 | QXDB52X | 01 | 3 | MUX | C2 | | | 19A |
| CONNECTOR XA313 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA313
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 195

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|---------------------------------|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------|--------|----------|------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DR TO | PREFIX | CONNECTOR | PIN | DR TO | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 61199 | XA313 | 41 | | | XA322 | 55 | | | | 168 | 9 | | PR21BQ | 01 | QXDB51X | 01 | 4 | MUX | C1 | | 19B | | |
| 63462 | XA313 | 42 | | | XA312 | 42 | | | | 168 | 9 | | QXXD00 | 07 | QXDB52X | 01 | 2 | MUX | C2 | | 20A | | |
| 62683 | XA313 | 43 | | | XA312 | 43 | | | | 168 | 9 | | QXGN1A | 08 | QXDB51X | 01 | 5 | MUX | C1 | | 22B | | |
| 60463 | XA313 | 44 | | | | | | | | | | | GND | 01 | | | | | | | | 43A | |
| 60749 | XA313 | 45 | | | XA209 | 72 | | | | 168 | 9 | | PART20 | 04 | QXDB51X | 01 | 6 | MUX | C1 | | 23B | | |
| 63479 | XA313 | 46 | | | XA312 | 46 | | | | 168 | 9 | | QXXD10 | 08 | QXDB52X | 01 | 1 | MUX | C2 | | 21A | | |
| 63634 | XA313 | 47 | | | XA304 | 74 | | | | 168 | 9 | | Q20DL0 | 02 | QXDB51X | 01 | 7 | MUX | C1 | | 23A | | |
| 63007 | XA313 | 48 | | | XA327 | 57 | | | | 168 | 9 | | QXGN5A | 08 | QXDB52X | 01 | 4 | MUX | C2 | | 22A | | |
| 63713 | XA313 | 49 | | | XA313 | 69 | | | | 168 | 9 | | SPI0023 | 13 | | 01 | 4 | MUX | D1 | | 24B | | |
| 61251 | XA313 | 50 | | | XA315 | 42 | | | | 168 | 9 | | PSTCT3U | 01 | QXDB51X | 01 | 8 | MUX | C1 | | 24A | | |
| 63835 | XA313 | 51 | | | XA314 | 47 | | | | 168 | 9 | | SPI0053 | 24 | | 01 | 1 | MUX | D1 | | 25B | | |
| 63889 | XA313 | 52 | | | XA315 | 61 | | | | 168 | 9 | | SPI0073 | 16 | | 01 | 3 | MUX | D1 | | 25A | | |
| 63922 | XA313 | 53 | | | XA312 | 66 | | | | 168 | 9 | | SPI0083 | 15 | | 01 | 2 | MUX | D1 | | 26B | | |
| 63963 | XA313 | 54 | | | XA312 | 70 | | | | 168 | 9 | | SPI0123 | 02 | | 01 | 1 | MUX | D3 | | 26A | | |
| 64736 | XA313 | 55 | | | | | | | | | | | SPO | 01 | | 00 | 1 | MUX | D1 | | 27B | | |
| 63952 | XA313 | 56 | | | XA312 | 72 | | | | 168 | 9 | | SPI0113 | 02 | | 01 | 2 | MUX | D3 | | 28B | | |
| 63929 | XA313 | 57 | | | XA312 | 75 | | | | 168 | 9 | | SPI0093 | 02 | | 01 | 1 | MUX | D2 | | 29B | | |
| 60464 | XA313 | 58 | | | | | | | | | | | GND | 01 | | | | | | | | 40B | |
| 63941 | XA313 | 59 | | | XA312 | 77 | | | | 168 | 9 | | SPI0103 | 02 | | 01 | 2 | MUX | D2 | | 30B | | |
| 64737 | XA313 | 60 | | | | | | | | | | | SPO | 01 | | 00 | 1 | MUX | D3 | | 28A | | |
| 64738 | XA313 | 61 | | | | | | | | | | | SPO | 01 | | 00 | 1 | MUX | D2 | | 31B | | |
| 63983 | XA313 | 62 | | | XA312 | 76 | | | | 168 | 9 | | SPI0143 | 02 | | 01 | 1 | MUX | D4 | | 29A | | |
| 64739 | XA313 | 63 | | | | | | | | | | | SPO | 01 | | 00 | 1 | MUX | D4 | | 31A | | |
| 63980 | XA313 | 64 | | | XA314 | 40 | | | | 168 | 9 | | SPI0133 | 09 | | 01 | 2 | MUX | D4 | | 30A | | |
| 60205 | XA313 | 65 | | | | | | | | | | | DNW | 01 | | | | | | | | | |
| 63831 | XA313 | 66 | | | XA312 | 68 | | | | 168 | 9 | | SPI0053 | 20 | | 01 | 4 | MUX | F1 | | 32B | | |
| 60465 | XA313 | 67 | | | | | | | | | | | GND | 01 | | | | | | | | | |
| 63924 | XA313 | 68 | | | XA314 | 66 | | | | 168 | 9 | | SPI0083 | 17 | | 01 | 3 | MUX | F1 | | 33A | | |
| 63714 | XA313 | 69 | | | XA314 | 69 | | | | 168 | 9 | | SPI0023 | 14 | | 01 | 1 | MUX | E1 | | 32A | | |
| 63954 | XA313 | 70 | | | XA314 | 72 | | | | 168 | 9 | | SPI0113 | 04 | | 01 | 1 | MUX | F3 | | 34A | | |
| 63902 | XA313 | 71 | | | XA312 | 71 | | | | 168 | 9 | | SPI0073 | 29 | | 01 | 2 | MUX | E1 | | 33B | | |
| 63965 | XA313 | 72 | | | XA314 | 70 | | | | 168 | 9 | | SPI0123 | 04 | | 01 | 2 | MUX | E3 | | 35A | | |
| 64740 | XA313 | 73 | | | | | | | | | | | SPO | 01 | | 00 | 1 | MUX | E1 | | 34B | | |
| 64741 | XA313 | 74 | | | | | | | | | | | SPO | 01 | | 00 | 1 | MUX | E3 | | 36A | | |
| 63931 | XA313 | 75 | | | XA314 | 75 | | | | 168 | 9 | | SPI0093 | 04 | | 01 | 1 | MUX | E2 | | 35B | | |
| 63978 | XA313 | 76 | | | XA312 | 78 | | | | 168 | 9 | | SPI0133 | 07 | | 01 | 1 | MUX | F4 | | 37A | | |
| 63943 | XA313 | 77 | | | XA314 | 77 | | | | 168 | 9 | | SPI0103 | 04 | | 01 | 2 | MUX | E2 | | 36B | | |
| 63985 | XA313 | 78 | | | XA314 | 76 | | | | 168 | 9 | | SPI0143 | 04 | | 01 | 2 | MUX | F4 | | 38A | | |
| 64742 | XA313 | 79 | | | | | | | | | | | SPO | 01 | | 00 | 1 | MUX | E2 | | 37B | | |
| 64743 | XA313 | 80 | | | | | | | | | | | SPO | 01 | | 00 | 1 | MUX | F4 | | 38B | | |
| 60206 | XA314 | 01 | | | | | | | | | | | DNW | 01 | | | | | | | | | |
| 60466 | XA314 | 02 | | | | | | | | | | | GND | 01 | | | | | | | | | |
| 61154 | XA314 | 03 | | | XA322 | 49 | | | | 168 | 9 | | PR06BQ | 01 | QXDB61X | 01 | 1 | MUX | A1 | | 01B | | |
| 62878 | XA314 | 04 | | | | | | | | | | | QXDB61X | 02 | QXDB61X | 00 | 1 | MUX | A1 | | 02B | | |
| 61226 | XA314 | 05 | | | XA322 | 78 | | | | 168 | 9 | | PR30BQ | 01 | QXDB61X | 01 | 2 | MUX | A1 | | 03B | | |
| 64944 | XA314 | 06 | | | | | | | | | | M | QXDB62X | 01 | QXDB62X | 00 | 1 | MUX | A2 | | 03A | | |
| 61178 | XA314 | 07 | | | XA321 | 61 | | | | 168 | 9 | | PR14BQ | 01 | QXDB61X | 01 | 3 | MUX | A1 | | 04B | | |
| 63451 | XA314 | 08 | | | XA332 | 53 | | | | 168 | 9 | | QXXDSQ | 09 | QXDB62X | 01 | 3 | MUX | A2 | | 04A | | |
| CONNECTOR | | XA314 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA314
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 196

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | FCC NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DR FC | PREFIX | CONNECTOR | PIN | DR FC | MULTI GROUP | CODE | COLOR | IDEN | | | | | | | | | | | |
| 61202 | XA314 | 09 | | | XA320 | 78 | | | | 16B | 9 | | PR228Q | 01 | QXDB61X | 01 | 4 | MUX | A1 | | 05B | | |
| 63456 | XA314 | 10 | | | XA313 | 10 | | | | 16B | 9 | | QXXDQ | 01 | QXDB62X | 01 | 2 | MUX | A2 | | | 05A | |
| 62992 | XA314 | 11 | | | XA303 | 05 | | | | 16B | 9 | | QXGN4A | 05 | QXDB61X | 01 | 5 | MUX | A1 | | | 06B | |
| 60079 | XA314 | 12 | | | | | | | | | | | +5V | 01 | | | | MUX | | | | 08A | |
| 63002 | XA314 | 13 | | | XA314 | 30 | | | | 16B | 9 | | QXGN5A | 03 | QXDB62X | 01 | 4 | MUX | A2 | | | 07A | |
| 63473 | XA314 | 14 | | | XA313 | 14 | | | | 16B | 9 | | QXXD1Q | 02 | QXDB62X | 01 | 1 | MUX | A2 | | | 06A | |
| 60917 | XA314 | 15 | | | XA312 | 54 | | | | 16B | 9 | | PEOM50 | 02 | QXDB61X | 01 | 6 | MUX | A1 | | | 07B | |
| 60467 | XA314 | 16 | | | | | | | | | | | GND | 01 | | | | MUX | | | | 20B | |
| 61247 | XA314 | 17 | | | XA316 | 06 | | | | 16B | 9 | | PSTCT2U | 02 | QXDB61X | 01 | 8 | MUX | A1 | | | 08B | |
| 60759 | XA314 | 18 | | | XA313 | 11 | | | | 16B | 9 | | QXGN1A | 05 | QXDB61X | 01 | 7 | MUX | A1 | | | 09A | |
| 61157 | XA314 | 19 | | | XA322 | 43 | | | | 16B | 9 | | PRO7BQ | 01 | QXDB71X | 01 | 1 | MUX | B1 | | | 09B | |
| 62880 | XA314 | 20 | | | | | | | | | | | QXDB71X | 02 | QXDB71X | 00 | 1 | MUX | B1 | | | 10A | |
| 61230 | XA314 | 21 | | | XA322 | 74 | | | | 16B | 9 | | PR31BQ | 02 | QXDB71X | 01 | 2 | MUX | B1 | | | 10B | |
| 64945 | XA314 | 22 | | | | | | | | | | M | QXDB72X | 01 | QXDB72X | 00 | 1 | MUX | B2 | | | 11A | |
| 61181 | XA314 | 23 | | | XA321 | 55 | | | | 16B | 9 | | PR158Q | 01 | QXDB71X | 01 | 3 | MUX | B1 | | | 11B | |
| 63446 | XA314 | 24 | | | XA313 | 24 | | | | 16B | 9 | | QXXD5Q | 04 | QXDB72X | 01 | 3 | MUX | B2 | | | 12A | |
| 61206 | XA314 | 25 | | | XA320 | 74 | | | | 16B | 9 | | PR238Q | 02 | QXDB71X | 01 | 4 | MUX | B1 | | | 12B | |
| 63460 | XA314 | 26 | | | XA313 | 26 | | | | 16B | 9 | | QXXDQ | 05 | QXDB72X | 01 | 2 | MUX | B2 | | | 13A | |
| 63478 | XA314 | 27 | | | XA313 | 46 | | | | 16B | 9 | | QXXD1Q | 07 | QXDB72X | 01 | 1 | MUX | B2 | | | 14A | |
| 60080 | XA314 | 28 | | | | | | | | | | | +5V | 01 | | | | MUX | | | | 08A | |
| 62991 | XA314 | 29 | | | XA314 | 11 | | | | 16B | 9 | | QXGN4A | 04 | QXDB71X | 01 | 5 | MUX | B1 | | | 13B | |
| 63003 | XA314 | 30 | | | XA313 | 30 | | | | 16B | 9 | | QXGN5A | 04 | QXDB72X | 01 | 4 | MUX | B2 | | | 15A | |
| 61379 | XA314 | 31 | | | XA209 | 63 | | | | 16B | 9 | | PTSMDO | 04 | QXDB71X | 01 | 6 | MUX | B1 | | | 14B | |
| 60468 | XA314 | 32 | | | | | | | | | | | GND | 01 | | | | MUX | | | | 27A | |
| 61244 | XA314 | 33 | | | XA316 | 04 | | | | 16B | 9 | | PSTCT1U | 04 | QXDB71X | 01 | 8 | MUX | B1 | | | 16A | |
| 62540 | XA314 | 34 | | | XA314 | 18 | | | | 16B | 9 | | QXGN1A | 04 | QXDB71X | 01 | 7 | MUX | B1 | | | 15B | |
| 63880 | XA314 | 35 | | | XA316 | 35 | | | | 16B | 9 | | SPI0073 | 07 | | 01 | 1 | MUX | C1 | | | 16B | |
| 64744 | XA314 | 36 | | | | | | | | | | | SPO | 01 | | 00 | 1 | MUX | C1 | | | 17A | |
| 63928 | XA314 | 37 | | | XA313 | 57 | | | | 16B | 9 | | SPI0093 | 01 | | 01 | 2 | MUX | C1 | | | 17B | |
| 64745 | XA314 | 38 | | | | | | | | | | | SPO | 01 | | 00 | 1 | MUX | C2 | | | 18A | |
| 63951 | XA314 | 39 | | | XA313 | 56 | | | | 16B | 9 | | SPI0113 | 01 | | 01 | 3 | MUX | C1 | | | 18B | |
| 63981 | XA314 | 40 | | | XA316 | 69 | | | | 16B | 9 | | SPI0133 | 10 | | 01 | 3 | MUX | C2 | | | 19A | |
| 63962 | XA314 | 41 | | | XA313 | 54 | | | | 16B | 9 | | SPI0123 | 01 | | 01 | 4 | MUX | C1 | | | 19B | |
| 63992 | XA314 | 42 | | | XA319 | 40 | | | | 16B | 9 | | SPI0153 | 01 | | 01 | 2 | MUX | C2 | | | 20A | |
| 63712 | XA314 | 43 | | | XA313 | 49 | | | | 16B | 9 | | SPI0023 | 12 | | 01 | 5 | MUX | C1 | | | 22B | |
| 60469 | XA314 | 44 | | | | | | | | | | | GND | 01 | | | | MUX | | | | 40A | |
| 63921 | XA314 | 45 | | | XA313 | 53 | | | | 16B | 9 | | SPI0083 | 14 | | 01 | 6 | MUX | C1 | | | 23B | |
| 63993 | XA314 | 46 | | | XA319 | 42 | | | | 16B | 9 | | SPI0163 | 01 | | 01 | 1 | MUX | C2 | | | 21A | |
| 63836 | XA314 | 47 | | | XA308 | 25 | | | | 16B | 9 | | SPI0053 | 25 | | 01 | 7 | MUX | C1 | | | 23A | |
| 63982 | XA314 | 48 | | | XA313 | 62 | | | | 16B | 9 | | SPI0143 | 01 | | 01 | 4 | MUX | C2 | | | 22A | |
| 63418 | XA314 | 49 | | | XA312 | 49 | | | | 16B | 9 | | QXXDIP | 03 | QXDB0TA | 01 | 4 | MUX | D1 | | | 24B | |
| 63940 | XA314 | 50 | | | XA313 | 59 | | | | 16B | 9 | | SPI0103 | 01 | | 01 | 8 | MUX | C1 | | | 24A | |
| 62419 | XA314 | 51 | | | XA312 | 15 | | | | 16B | 9 | | PONL10 | 05 | QXDB0TA | 01 | 1 | MUX | D1 | | | 25B | |
| 63366 | XA314 | 52 | | | XA312 | 52 | | | | 16B | 9 | | QXXCIQ | 02 | QXDB0TA | 01 | 3 | MUX | D1 | | | 25A | |
| 62858 | XA314 | 53 | | | | | | | | | | | QXDB01X | 02 | QXDB0TA | 01 | 2 | MUX | D1 | | | 26B | |
| 60954 | XA314 | 54 | | | XA332 | 52 | | | | 16B | 9 | | PPERRS | 02 | QXDB0TC | 01 | 1 | MUX | D3 | | | 26A | |
| 62850 | XA314 | 55 | | | | | | | | | | | QXDB0TA | 02 | QXDB0TA | 00 | 1 | MUX | D1 | | | 27B | |
| 62861 | XA314 | 56 | | | XA312 | 36 | | | | 16B | 9 | | QXDB21X | 01 | QXDB0TC | 01 | 2 | MUX | D3 | | | 28B | |
| 63586 | XA314 | 57 | | | XA312 | 31 | | | | 16B | 9 | | QONL10 | 05 | QXDB0TB | 01 | 1 | MUX | D2 | | | 29B | |
| 60470 | XA314 | 58 | | | | | | | | | | | GND | 01 | | | | MUX | | | | 40B | |
| CONNECTOR XA314 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA314
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 197

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|----|--------|-----------|-----|----|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | OR | PREFIX | CONNECTOR | PIN | OR | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 62859 | XA314 | 59 | | | XA312 | 20 | | | | 16B | 9 | | QXDB11X | 01 | QXDB0TB | 01 | 2 | MUX | D2 | | 30B | | |
| 62854 | XA314 | 60 | | | | | | | | | | | QXDB0TC | 02 | QXDB0TC | 00 | 1 | MUX | D3 | | 28A | | |
| 62851 | XA314 | 61 | | | XA316 | 41 | | | | 16B | 9 | | QXD80TB | 01 | QXD80TB | 00 | 1 | MUX | D2 | | 31B | | |
| 62656 | XA314 | 62 | | | XA332 | 75 | | | | 16B | 9 | | QPERRS | 02 | QXD80TD | 01 | 1 | MUX | D4 | | 29A | | |
| 62855 | XA314 | 63 | | | XA316 | 45 | | | | 16B | 9 | | QXD80TD | 01 | QXD80TD | 00 | 1 | MUX | D4 | | 31A | | |
| 62864 | XA314 | 64 | | | | | | | | | | | QXD831X | 02 | QXD80TD | 01 | 2 | MUX | D4 | | 30A | | |
| 60207 | XA314 | 65 | | | | | | | | | | | DNW | 01 | | | | MUX | | | | | |
| 63925 | XA314 | 66 | | | XA311 | 71 | | | | 16B | 9 | | SPI0083 | 18 | | | 01 | 4 | MUX | E1 | | 32B | |
| 60471 | XA314 | 67 | | | | | | | | | | | GND | 01 | | | | MUX | | | | | |
| 63830 | XA314 | 68 | | | XA313 | 66 | | | | 16B | 9 | | SPI0053 | 19 | | | 01 | 3 | MUX | E1 | | 33A | |
| 63715 | XA314 | 69 | | | XA312 | 69 | | | | 16B | 9 | | SPI0023 | 15 | | | 01 | 1 | MUX | E1 | | 32A | |
| 63966 | XA314 | 70 | | | XA318 | 70 | | | | 16B | 9 | | SPI0123 | 05 | | | 01 | 1 | MUX | E3 | | 34A | |
| 63901 | XA314 | 71 | | | XA313 | 71 | | | | 16B | 9 | | SPI0073 | 28 | | | 01 | 2 | MUX | E1 | | 33B | |
| 63955 | XA314 | 72 | | | XA318 | 65 | | | | 16B | 9 | | SPI0113 | 05 | | | 01 | 2 | MUX | E3 | | 35A | |
| 64746 | XA314 | 73 | | | | | | | | | | | SPO | 01 | | | 00 | 1 | MUX | E1 | | 34B | |
| 64747 | XA314 | 74 | | | | | | | | | | | SPO | 01 | | | 00 | 1 | MUX | E3 | | 36A | |
| 63932 | XA314 | 75 | | | XA316 | 77 | | | | 16B | 9 | | SPI0093 | 05 | | | 01 | 1 | MUX | E2 | | 35B | |
| 63986 | XA314 | 76 | | | XA339 | 78 | | | | 16B | 9 | | SPI0143 | 05 | | | 01 | 1 | MUX | E4 | | 37A | |
| 63944 | XA314 | 77 | | | XA318 | 77 | | | | 16B | 9 | | SPI0103 | 05 | | | 01 | 2 | MUX | E2 | | 36B | |
| 63977 | XA314 | 78 | | | XA313 | 76 | | | | 16B | 9 | | SPI0133 | 06 | | | 01 | 2 | MUX | E4 | | 38A | |
| 64748 | XA314 | 79 | | | | | | | | | | | SPO | 01 | | | 00 | 1 | MUX | E2 | | 37B | |
| 64749 | XA314 | 80 | | | | | | | | | | | SPO | 01 | | | 00 | 1 | MUX | E4 | | 38B | |
| 60208 | XA315 | 01 | | | | | | | | | | | DNW | 01 | | | | DBC | | | | | |
| 60472 | XA315 | 02 | | | | | | | | | | | GND | 01 | | | | DBC | | | | 01A | |
| 63160 | XA315 | 03 | | | XA315 | 19 | | | | 16B | 9 | | QXR5CS | 03 | QXRAF2T | 01 | 1 | DBC | A3 | | | 02B | |
| 63180 | XA315 | 04 | | | XA315 | 20 | | | | 16B | 9 | | QXR7CS | 03 | QXRAF0T | 01 | 1 | DBC | A1 | | | | 02A |
| 63149 | XA315 | 05 | | | | | | | | | | | QXR4CR | 04 | QXRAF3T | 01 | 1 | DBC | A4 | | | | 03B |
| 63171 | XA315 | 06 | | | XA315 | 22 | | | | 16B | 9 | | QXR6CS | 05 | QXRAF1T | 01 | 1 | DBC | A2 | | | | 03A |
| 63039 | XA315 | 07 | | | | | | | | | | | QXRAF5T | 02 | QXRAF5T | 00 | 1 | DBC | A6 | | | | 04B |
| 64950 | XA315 | 08 | | | | | | | | | | | QXRAF0T | 01 | QXRAF0T | 00 | 1 | DBC | A1 | | | | 04A |
| 63042 | XA315 | 09 | | | | | | | | | | | QXRAF6T | 03 | QXRAF6T | 00 | 1 | DBC | A7 | | | | 05B |
| 64951 | XA315 | 10 | | | | | | | | | | | QXRAF1T | 01 | QXRAF1T | 00 | 1 | DBC | A2 | | | | 05A |
| 63043 | XA315 | 11 | | | XA307 | 35 | | | | 16B | 9 | | QXRAF7T | 01 | QXRAF7T | 00 | 1 | DBC | A8 | | | | 06B |
| 60081 | XA315 | 12 | | | | | | | | | | | +5V | 01 | | | | DBC | | | | | 08A |
| 64953 | XA315 | 13 | | | | | | | | | | | QXRAF3T | 01 | QXRAF3T | 00 | 1 | DBC | A4 | | | | 07A |
| 64952 | XA315 | 14 | | | | | | | | | | | QXRAF2T | 01 | QXRAF2T | 00 | 1 | DBC | A3 | | | | 06A |
| 64955 | XA315 | 15 | | | | | | | | | | | QXRAF8T | 01 | QXRAF8T | 00 | 1 | DBC | A9 | | | | 07B |
| 60473 | XA315 | 16 | | | | | | | | | | | GND | 01 | | | | DBC | | | | | 01B |
| 64954 | XA315 | 17 | | | | | | | | | | | QXRAF4T | 01 | QXRAF4T | 00 | 1 | DBC | A5 | | | | 08B |
| 64956 | XA315 | 18 | | | | | | | | | | | QXRAF9T | 01 | QXRAF9T | 00 | 1 | DBC | A0 | | | | 09A |
| 63161 | XA315 | 19 | | | XA318 | 50 | | | | 16B | 9 | | QXR5CS | 04 | QXR092T | 01 | 1 | DBC | B3 | | | | 09B |
| 63181 | XA315 | 20 | | | XA318 | 46 | | | | 16B | 9 | | QXR7CS | 04 | QXR090T | 01 | 1 | DBC | B1 | | | | 10A |
| 63152 | XA315 | 21 | | | XA318 | 52 | | | | 16B | 9 | | QXR4CS | 03 | QXR093T | 01 | 1 | DBC | B4 | | | | 10B |
| 63172 | XA315 | 22 | | | XA318 | 48 | | | | 16B | 9 | | QXR6CS | 06 | QXR091T | 01 | 1 | DBC | B2 | | | | 11A |
| 63108 | XA315 | 23 | | | XA307 | 08 | | | | 16B | 9 | | QXR095T | 01 | QXR095T | 00 | 1 | DBC | B6 | | | | 11B |
| 63099 | XA315 | 24 | | | XA309 | 17 | | | | 16B | 9 | | QXR090T | 01 | QXR090T | 00 | 1 | DBC | B1 | | | | 12A |
| 63112 | XA315 | 25 | | | XA206 | 23 | | | | 16B | 9 | | QXR096T | 01 | QXR096T | 00 | 1 | DBC | B7 | | | | 12B |
| 63102 | XA315 | 26 | | | | | | | | | | | QXR091T | 02 | QXR091T | 00 | 1 | DBC | B2 | | | | 13A |
| CONNECTOR (XA315) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA315
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 198

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | C KT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|-------|---------|--------|----------|------|--------|-------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH IFC | PREFIX | CONNECTOR | PIN | SH IFC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 63104 | | XA315 | 27 | | | | | | | | | | QXR092T | 02 | QXR092T | 00 | 1 | DBC | B3 | | 14A | | |
| 60082 | | XA315 | 28 | | | | | | | | | | +5V | 01 | | | | DBC | | | 08A | | |
| 63116 | | XA315 | 29 | | | | | | | | | | QXR097T | 02 | QXR097T | 00 | 1 | DBC | B8 | | 13B | | |
| 64957 | | XA315 | 30 | | | | | | | | | | QXR093T | 01 | QXR093T | 00 | 1 | DBC | B4 | | 15A | | |
| 63118 | | XA315 | 31 | | | | | | | | | | QXR098T | 02 | QXR098T | 00 | 1 | DBC | B9 | | 14B | | |
| 60474 | | XA315 | 32 | | | | | | | | | | GND | 01 | | | | DBC | | | 27A | | |
| 63107 | | XA315 | 33 | | | | | | | | | | QXR094T | 03 | QXR094T | 00 | 1 | DBC | B5 | | 16A | | |
| 64958 | | XA315 | 34 | | | | | | | | | | QXR099T | 01 | QXR099T | 00 | 1 | DBC | B0 | | 15B | | |
| 61815 | | XA315 | 35 | | XA334 | 69 | | | 16B | 9 | | | PSTRSA | 01 | PSTCT5U | 01 | 1 | DBC | C5 | | 16B | | |
| 61263 | | XA315 | 36 | | XA328 | 76 | | | 16B | 9 | | | PSTCT5U | 03 | PSTCT5U | 00 | 1 | DBC | C5 | | 17A | | |
| 61235 | | XA315 | 37 | | | | | | | | | | PSCSMA | 02 | PSTCT2U | 01 | 1 | DBC | C2 | | 17B | | |
| 61243 | | XA315 | 38 | | XA314 | 33 | | | 16B | 9 | | | PSTCT1U | 03 | PSTCT1U | 00 | 1 | DBC | C1 | | 18A | BIT 1, STATE COUN | |
| 62377 | | XA315 | 39 | | XA208 | 15 | | | 16B | 9 | | | POENBA | 01 | PSTCT1U | 01 | 1 | DBC | C1 | | 18B | | |
| 63637 | | XA315 | 4T | | | | | | | | | | SPA | 01 | QXRAF4T | 01 | 1 | DBC | A5 | | | | |
| 63638 | | XA315 | 4T | | | | | | | | | | SPA | 01 | QXR094T | 01 | 1 | DBC | B5 | | | | |
| 61246 | | XA315 | 40 | | XA314 | 17 | | | 16B | 9 | | | PSTCT2U | 01 | PSTCT2U | 00 | 1 | DBC | C2 | | 19A | | |
| 60890 | | XA315 | 41 | | XA209 | 13 | | | 16B | 9 | | | PELO5A | 02 | PSTCT1U | 01 | 2 | DBC | C1 | | 19B | | |
| 61252 | | XA315 | 42 | | XA316 | 03 | | | 16B | 9 | | | PSTCT3U | 02 | PSTCT3U | 00 | 1 | DBC | C3 | | 20A | | |
| 60887 | | XA315 | 43 | | XA209 | 42 | | | 16B | 9 | | | PST11A | 06 | PSTCT1U | 01 | 3 | DBC | C1 | | 22B | | |
| 60475 | | XA315 | 44 | | | | | | | | | | GND | 01 | | | | DBC | | | 40B | | |
| 62529 | | XA315 | 45 | | | | | | | | | | P3ENBA | 02 | PSTCT1U | 01 | 4 | DBC | C1 | | 23B | | |
| 61257 | | XA315 | 46 | | XA316 | 05 | | | 16B | 9 | | | PSTCT4U | 02 | PSTCT4U | 00 | 1 | DBC | C4 | | 21A | | |
| 63888 | | XA315 | 47 | | XA313 | 52 | | | 16B | 9 | | | SPIO073 | 15 | PSTCT3U | 01 | 1 | DBC | C3 | | 23A | | |
| 63886 | | XA315 | 48 | | | | | | | | | | SPIO233 | 15 | PSTCT4U | 01 | 1 | DBC | C4 | | 22A | A03 | |
| 62434 | | XA315 | 49 | | XA333 | 70 | | | 16B | 9 | | | PONL20 | 07 | PEBCT5U | 01 | 1 | DBC | D5 | | 24B | | |
| 63639 | | XA315 | 5T | | | | | | | | | | SPA | 01 | QXR095T | 01 | 1 | DBC | B6 | | | | |
| 63640 | | XA315 | 5T | | | | | | | | | | SPA | 01 | QXRAF5T | 01 | 1 | DBC | A6 | | | | |
| 60879 | | XA315 | 50 | | XA209 | 22 | | | 16B | 9 | | | PEENBA | 01 | PSTCT1U | 01 | 5 | DBC | C1 | | 24A | | |
| 60837 | | XA315 | 51 | | | | | | | | | | PEBCKA | 02 | PEBCT2U | 01 | 1 | DBC | D2 | | 25B | | |
| 60862 | | XA315 | 52 | | | | | | | | | | PEBCT5U | 02 | PEBCT5U | 00 | 1 | DBC | D5 | | 25A | | |
| 61947 | | XA315 | 53 | | | | | | | | | | PXR3CR | 04 | PEBCT1U | 01 | 1 | DBC | D1 | | 26B | | |
| 60853 | | XA315 | 54 | | XA338 | 71 | | | 16B | 9 | | | PEBCT1U | 01 | PEBCT1U | 00 | 1 | DBC | D1 | | 26A | FOR COUNTER, CPU- | |
| 61939 | | XA315 | 55 | | | | | | | | | | PXR2CR | 05 | PEBCT1U | 01 | 2 | DBC | D1 | | 27B | | |
| 60856 | | XA315 | 56 | | | | | | | | | | PEBCT2U | 02 | PEBCT2U | 00 | 1 | DBC | D2 | | 28B | | |
| 61930 | | XA315 | 57 | | | | | | | | | | PXR1CR | 05 | PEBCT1U | 01 | 3 | DBC | D1 | | 29B | | |
| 60476 | | XA315 | 58 | | | | | | | | | | GND | 01 | | | | DBC | | | | | |
| 61891 | | XA315 | 59 | | | | | | | | | | PXR0CR | 04 | PEBCT1U | 01 | 4 | DBC | D1 | | 30B | | |
| 63641 | | XA315 | 6T | | | | | | | | | | SPA | 01 | QXR096T | 01 | 1 | DBC | B7 | | | | |
| 63642 | | XA315 | 6T | | | | | | | | | | SPA | 01 | QXRAF6T | 01 | 1 | DBC | A7 | | | | |
| 60857 | | XA315 | 60 | | XA338 | 72 | | | 16B | 9 | | | PEBCT3U | 01 | PEBCT3U | 00 | 1 | DBC | D3 | | 28A | | |
| 63890 | | XA315 | 61 | | XA316 | 61 | | | 16B | 9 | | | SPIO073 | 17 | PEBCT3U | 01 | 1 | DBC | D3 | | 31B | | |
| 60860 | | XA315 | 62 | | | | | | | | | | PEBCT4U | 02 | PEBCT4U | 00 | 1 | DBC | D4 | | 29A | | |
| 60922 | | XA315 | 63 | | | | | | | | | | PXDEVR | 03 | PEBCT1U | 01 | 5 | DBC | D1 | | 31A | | |
| 63892 | | XA315 | 64 | | XA315 | 48 | | | 16B | 9 | | | SPIO233 | 14 | PEBCT4U | 01 | 1 | DBC | D4 | | 30A | A03 | |
| 60209 | | XA315 | 65 | | | | | | | | | | DNW | 01 | | | | DBC | | | | | |
| 63602 | | XA315 | 66 | | XA319 | 01 | | | 16B | 9 | | | QONL20 | 08 | QEBCT5U | 01 | 1 | DBC | E5 | | 32B | | |
| 60477 | | XA315 | 67 | | | | | | | | | | GND | 01 | | | | DBC | | | | | |
| 62614 | | XA315 | 68 | | | | | | | | | | QEBCT5U | 02 | QEBCT5U | 00 | 1 | DBC | E5 | | 33A | | |
| 60838 | | XA315 | 69 | | | | | | | | | | QEBCKA | 02 | QEBCT2U | 01 | 1 | DBC | E2 | | 32A | | |
| 63643 | | XA315 | 7T | | | | | | | | | | SPA | 01 | QXR097T | 01 | 1 | DBC | B8 | | | | |
| CONNECTOR (XA315) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA315
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 199

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS (AND OR) | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|----------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FTG | PREFIX | CONNECTOR | PIN | SH FTG | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 63644 | | XA315 | 71 | | | | | | | | | | SPA | 01 | QXRAF7T | 01 | 1 | DBC | A8 | | | | |
| 62606 | | XA315 | 70 | | | | | | | | | | QEBCT1U | 02 | QEBCT1U | 00 | 1 | DBC | E1 | | 34A | FOB COUNTER, CPU- | |
| 63137 | | XA315 | 71 | | XA308 | 49 | | | 16B | 9 | | | QXR3CR | 01 | QEBCT1U | 01 | 1 | DBC | E1 | | 33B | | |
| 62607 | | XA315 | 72 | | XA338 | 75 | | | 16B | 9 | | | QEBCT2U | 01 | QEBCT2U | 00 | 1 | DBC | E2 | | 35A | | |
| 63128 | | XA315 | 73 | | XA308 | 48 | | | 16B | 9 | | | QXR2CR | 01 | QEBCT1U | 01 | 2 | DBC | E1 | | 34B | | |
| 62610 | | XA315 | 74 | | | | | | | | | | QEBCT3U | 02 | QEBCT3U | 00 | 1 | DBC | E3 | | 36A | | |
| 63123 | | XA315 | 75 | | | | | | | | | | QXR1CR | 05 | QEBCT1U | 01 | 3 | DBC | E1 | | 35B | | |
| 62611 | | XA315 | 76 | | XA338 | 76 | | | 16B | 9 | | | QEBCT4U | 01 | QEBCT4U | 00 | 1 | DBC | E4 | | 37A | | |
| 63084 | | XA315 | 77 | | | | | | | | | | QXR0CR | 04 | QEBCT1U | 01 | 4 | DBC | E1 | | 36B | | |
| 63897 | | XA315 | 78 | | XA315 | 64 | | | 16B | 9 | | | SPI0233 | 13 | QEBCT4U | 01 | 1 | DBC | E4 | | 38A | A03 | |
| 63900 | | XA315 | 79 | | XA314 | 71 | | | 16B | 9 | | | SPI0073 | 27 | QEBCT3U | 01 | 1 | DBC | E3 | | 37B | | |
| 63645 | | XA315 | 8T | | | | | | | | | | SPA | 01 | QXR098T | 01 | 1 | DBC | B9 | | | | |
| 63646 | | XA315 | 8T | | | | | | | | | | SPA | 01 | QXRAF8T | 01 | 1 | DBC | A9 | | | | |
| 60921 | | XA315 | 80 | | | | | | | | | | QXDEVR | 03 | QEBCT1U | 01 | 5 | DBC | E1 | | 38B | | |
| 63647 | | XA315 | 9T | | | | | | | | | | SPA | 01 | QXR099T | 01 | 1 | DBC | B0 | | | | |
| 63648 | | XA315 | 9T | | | | | | | | | | SPA | 01 | QXRAF9T | 01 | 1 | DBC | A0 | | | | |
| 60210 | | XA316 | 01 | | | | | | | | | | DNW | 01 | | | | DBC | | | | | |
| 60478 | | XA316 | 02 | | | | | | | | | | GND | 01 | | | | DBC | | | 01A | | |
| 61253 | | XA316 | 03 | | XA319 | 19 | | | 16B | 9 | | | PSTCT3U | 03 | PSTDE2T | 01 | 1 | DBC | A3 | | 02B | | |
| 61245 | | XA316 | 04 | | | | | | | | | | PSTCT1U | 05 | PSTDE0T | 01 | 1 | DBC | A1 | | 02A | | |
| 61258 | | XA316 | 05 | | XA319 | 20 | | | 16B | 9 | | | PSTCT4U | 03 | PSTDE3T | 01 | 1 | DBC | A4 | | 03B | | |
| 61248 | | XA316 | 06 | | XA319 | 18 | | | 16B | 9 | | | PSTCT2U | 03 | PSTDE1T | 01 | 1 | DBC | A2 | | 03A | | |
| 61281 | | XA316 | 07 | | | | | | | | | | PSTDE5T | 02 | PSTDE5T | 00 | 1 | DBC | A6 | | 04B | | |
| 61265 | | XA316 | 08 | | XA328 | 54 | | | 16B | 9 | | | PSTDE0T | 01 | PSTDE0T | 00 | 1 | DBC | A1 | | 04A | STATE 0 DECODE | |
| 61282 | | XA316 | 09 | | XA328 | 53 | | | 16B | 9 | | | PSTDE6T | 01 | PSTDE6T | 00 | 1 | DBC | A7 | | 05B | | |
| 61268 | | XA316 | 10 | | XA328 | 48 | | | 16B | 9 | | | PSTDE1T | 02 | PSTDE1T | 00 | 1 | DBC | A2 | | 05A | | |
| 61285 | | XA316 | 11 | | | | | | | | | | PSTDE7T | 02 | PSTDE7T | 00 | 1 | DBC | A8 | | 06B | | |
| 60083 | | XA316 | 12 | | | | | | | | | | +5V | 01 | | | | DBC | | | 08A | | |
| 61276 | | XA316 | 13 | | | | | | | | | | PSTDE3T | 03 | PSTDE3T | 00 | 1 | DBC | A4 | | 07A | | |
| 61272 | | XA316 | 14 | | XA328 | 41 | | | 16B | 9 | | | PSTDE2T | 03 | PSTDE2T | 00 | 1 | DBC | A3 | | 06A | | |
| 61286 | | XA316 | 15 | | XA327 | 36 | | | 16B | 9 | | | PSTDE8T | 01 | PSTDE8T | 00 | 1 | DBC | A9 | | 07B | | |
| 60479 | | XA316 | 16 | | | | | | | | | | GND | 01 | | | | DBC | | | 01B | | |
| 61279 | | XA316 | 17 | | | | | | | | | | PSTDE4T | 03 | PSTDE4T | 00 | 1 | DBC | A5 | | 08B | | |
| 61292 | | XA316 | 18 | | XA209 | 07 | | | 16B | 9 | | | PSTDE9T | 04 | PSTDE9T | 00 | 1 | DBC | A0 | | 09A | | |
| 63878 | | XA316 | 19 | | XA316 | 48 | | | 16B | 9 | | | SPI0243 | 031 | | 01 | 1 | DBC | B3 | | 09B | A03 | |
| 63877 | | XA316 | 20 | | XA316 | 79 | | | 16B | 9 | | | SPI0253 | 051 | | 01 | 1 | DBC | B1 | | 10A | A03 | |
| 63879 | | XA316 | 21 | | XA317 | 69 | | | 16B | 9 | | | SPI0263 | 042 | | 01 | 1 | DBC | B4 | | 10B | A03 | |
| 63876 | | XA316 | 22 | | XA314 | 35 | | | 16B | 9 | | | SPI0073 | 03 | | 01 | 1 | DBC | B2 | | 11A | A03 | |
| 64750 | | XA316 | 23 | | | | | | | | | | SPO | 01 | | 00 | 1 | DBC | B6 | | 11B | | |
| 64751 | | XA316 | 24 | | | | | | | | | | SPO | 01 | | 00 | 1 | DBC | B1 | | 12A | | |
| 64752 | | XA316 | 25 | | | | | | | | | | SPO | 01 | | 00 | 1 | DBC | B7 | | 12B | | |
| 64753 | | XA316 | 26 | | | | | | | | | | SPO | 01 | | 00 | 1 | DBC | B2 | | 13A | | |
| 64754 | | XA316 | 27 | | | | | | | | | | SPO | 01 | | 00 | 1 | DBC | B3 | | 14A | | |
| 60084 | | XA316 | 28 | | | | | | | | | | +5V | 01 | | | | DBC | | | 08A | | |
| 64755 | | XA316 | 29 | | | | | | | | | | SPO | 01 | | 00 | 1 | DBC | B8 | | 13B | | |
| 64756 | | XA316 | 30 | | | | | | | | | | SPO | 01 | | 00 | 1 | DBC | B4 | | 15A | | |
| 64757 | | XA316 | 31 | | | | | | | | | | SPO | 01 | | 00 | 1 | DBC | B9 | | 14B | | |
| 60480 | | XA316 | 32 | | | | | | | | | | GND | 01 | | | | DBC | | | 27A | | |
| CONNECTOR (XA316) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA316
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 200

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SPEC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|------|----------------|--------|---------|----------|------|------|------------------|-------|---------------------|-------------|-----|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SEC ID | PREFIX | CONNECTOR | PIN | SEC ID | MULTI GROUP | CODE | COLOR | IDEN | | | | | | | | | | AND | OR | | |
| 64758 | | XA316 | 33 | | | | | | | | | | SPO | 01 | | 00 | 1 | DBC | B5 | | 16A | | | | |
| 64759 | | XA316 | 34 | | | | | | | | | | SPO | 01 | | 00 | 1 | DBC | B0 | | 15B | | | | |
| 63881 | | XA316 | 35 | | XA315 | 47 | | | 16B | 9 | | M | SPIO073 | 08 | QXS035U | 01 | 1 | DBC | C5 | | 16B | | A03 | | |
| 64961 | | XA316 | 36 | | | | | | | | | | QXS035U | 01 | QXS035U | 00 | 1 | DBC | C5 | | 17A | | | | |
| 63186 | | XA316 | 37 | | XA316 | 51 | | | 16B | 9 | | | QXSK00 | 01 | QXS032U | 01 | 1 | DBC | C2 | | 17B | | | | |
| 63207 | | XA316 | 38 | | | | | | | | | | QXS031U | 03 | QXS031U | 00 | 1 | DBC | C1 | | 18A | | | | |
| 62849 | | XA316 | 39 | | XA314 | 55 | | | 16B | 9 | | | QXDB0TA | 01 | QXS031U | 01 | 1 | DBC | C1 | | 18B | | | | |
| 63649 | | XA316 | 4T | | | | | | | | | | SPA | 01 | PSTDE4T | 01 | 1 | DBC | A5 | | | | | | |
| 63208 | | XA316 | 40 | | XA318 | 33 | | | 16B | 9 | | | QXS032U | 01 | QXS032U | 00 | 1 | DBC | C2 | | 19A | | | | |
| 62852 | | XA316 | 41 | | | | | | | | | | QXDB0TB | 02 | QXS031U | 01 | 2 | DBC | C1 | | 19B | | | | |
| 63213 | | XA316 | 42 | | | | | | | | | | QXS033U | 03 | QXS033U | 00 | 1 | DBC | C3 | | 20A | | | | |
| 62853 | | XA316 | 43 | | XA314 | 60 | | | 16B | 9 | | | QXDB0TC | 01 | QXS031U | 01 | 3 | DBC | C1 | | 22B | | | | |
| 60481 | | XA316 | 44 | | | | | | | | | | GND | 01 | | | | DBC | | | 40B | | | | |
| 62856 | | XA316 | 45 | | | | | | | | | | QXDB0TD | 02 | QXS031U | 01 | 4 | DBC | C1 | | 23B | | | | |
| 63215 | | XA316 | 46 | | XA318 | 37 | | | 16B | 9 | | | QXS034U | 02 | QXS034U | 00 | 1 | DBC | C4 | | 21A | | | | |
| 63885 | | XA316 | 47 | | XA316 | 49 | | | 16B | 9 | | | SPIO233 | 10 | QXS033U | 01 | 1 | DBC | C3 | | 23A | | | | |
| 63884 | | XA316 | 48 | | XA316 | 64 | | | 16B | 9 | | | SPIO243 | 032 | QXS034U | 01 | 1 | DBC | C4 | | 22A | | A03 | | |
| 63887 | | XA316 | 49 | | XA315 | 78 | | | 16B | 9 | | | SPIO233 | 11 | QXS475U | 01 | 1 | DBC | D5 | | 24B | | B06 | | |
| 63650 | | XA316 | 51 | | | | | | | | | | SPA | 01 | PSTDE5T | 01 | 1 | DBC | A6 | | | | | | |
| 62990 | | XA316 | 50 | | XA314 | 29 | | | 16B | 9 | | | QXGN4A | 03 | QXS031U | 01 | 5 | DBC | C1 | | 24A | | | | |
| 63187 | | XA316 | 51 | | XA309 | 52 | | | 16B | 9 | | | QXSK00 | 02 | QXS472U | 01 | 1 | DBC | D2 | | 25B | | | | |
| 64962 | | XA316 | 52 | | | | | | | | | M | QXS475U | 01 | QXS475U | 00 | 1 | DBC | D5 | | 25A | | | | |
| 62865 | | XA316 | 53 | | XA312 | 55 | | | 16B | 9 | | | QXDB4TA | 01 | QXS471U | 01 | 1 | DBC | D1 | | 26B | | | | |
| 63218 | | XA316 | 54 | | XA346 | 71 | | | 16B | 9 | | | QXS471U | 02 | QXS471U | 00 | 1 | DBC | D1 | | 26A | | | | |
| 62868 | | XA316 | 55 | | | | | | | | | | QXDB4TB | 02 | QXS471U | 01 | 2 | DBC | D1 | | 27B | | | | |
| 63221 | | XA316 | 56 | | XA318 | 36 | | | 16B | 9 | | | QXS472U | 02 | QXS472U | 00 | 1 | DBC | D2 | | 28B | | | | |
| 62869 | | XA316 | 57 | | XA312 | 60 | | | 16B | 9 | | | QXDB4TC | 01 | QXS471U | 01 | 3 | DBC | D1 | | 29B | | | | |
| 60482 | | XA316 | 58 | | | | | | | | | | GND | 01 | | | | DBC | | | | | | | |
| 62872 | | XA316 | 59 | | | | | | | | | | QXDB4TD | 02 | QXS471U | 01 | 4 | DBC | D1 | | 30B | | | | |
| 63651 | | XA316 | 6T | | | | | | | | | | SPA | 01 | PSTDE6T | 01 | 1 | DBC | A7 | | | | | | |
| 63224 | | XA316 | 60 | | XA346 | 74 | | | 16B | 9 | | | QXS473U | 02 | QXS473U | 00 | 1 | DBC | D3 | | 28A | | | | |
| 63891 | | XA316 | 61 | | XA316 | 66 | | | 16B | 9 | | | SPIO073 | 18 | QXS473U | 01 | 1 | DBC | D3 | | 31B | | A03 | | |
| 63227 | | XA316 | 62 | | XA318 | 30 | | | 16B | 9 | | | QXS474U | 02 | QXS474U | 00 | 1 | DBC | D4 | | 29A | | | | |
| 62989 | | XA316 | 63 | | XA316 | 50 | | | 16B | 9 | | | QXGN4A | 02 | QXS471U | 01 | 5 | DBC | D1 | | 31A | | | | |
| 63893 | | XA316 | 64 | | XA316 | 75 | | | 16B | 9 | | | SPIO243 | 033 | QXS474U | 01 | 1 | DBC | D4 | | 30A | | A03 | | |
| 60211 | | XA316 | 65 | | | | | | | | | | DNW | 01 | | | | DBC | | | | | | | |
| 63894 | | XA316 | 66 | | XA315 | 79 | | | 16B | 9 | | | SPIO073 | 21 | | 01 | 1 | DBC | E5 | | 32B | | A03 | | |
| 60483 | | XA316 | 67 | | | | | | | | | | GND | 01 | | | | DBC | | | | | | | |
| 64760 | | XA316 | 68 | | | | | | | | | | SPO | 01 | | | 00 | 1 | DBC | E5 | | 33A | | | |
| 63895 | | XA316 | 69 | | | | | | | | | | SPIO133 | 11 | | | 01 | 1 | DBC | E2 | | 32A | | B06 | |
| 63652 | | XA316 | 7T | | | | | | | | | | SPA | 01 | PSTDE7T | 01 | 1 | DBC | A8 | | | | | | |
| 64761 | | XA316 | 70 | | | | | | | | | | SPO | 01 | | | 00 | 1 | DBC | E1 | | 34A | | | |
| 63711 | | XA316 | 71 | | XA314 | 43 | | | 16B | 9 | | | SPIO023 | 11 | | 01 | 1 | DBC | E1 | | 33B | | | | |
| 64762 | | XA316 | 72 | | | | | | | | | | SPO | 01 | | | 00 | 1 | DBC | E2 | | 35A | | | |
| 63829 | | XA316 | 73 | | XA314 | 68 | | | 16B | 9 | | | SPIO053 | 18 | | 01 | 2 | DBC | E1 | | 34B | | | | |
| 64763 | | XA316 | 74 | | | | | | | | | | SPO | 01 | | | 00 | 1 | DBC | E3 | | 36A | | | |
| 63896 | | XA316 | 75 | | XA317 | 75 | | | 16B | 9 | | | SPIO243 | 034 | | 01 | 3 | DBC | E1 | | 35B | | A03 | | |
| 64764 | | XA316 | 76 | | | | | | | | | | SPO | 01 | | | 00 | 1 | DBC | F4 | | 37A | | | |
| 63933 | | XA316 | 77 | | XA317 | 71 | | | 16B | 9 | | | SPIO093 | 06 | | 01 | 4 | DBC | E1 | | 36B | | | | |
| 63899 | | XA316 | 78 | | XA316 | 21 | | | 16B | 9 | | | SPIO263 | 041 | | 01 | 1 | DBC | E4 | | 38A | | A03 | | |
| CONNECTOR (XA316) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA316
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 201

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO | |
|---|--------|-----------|-----|------|--------|-----------|-----|------|-------|-------------|------|-------|--------|---------|----------|---------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|-------|
| | PREFIX | CONNECTOR | PIN | DATE | PREFIX | CONNECTOR | PIN | DATE | DI FG | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | IDENT |
| 63898 | | XA316 | 79 | | | | | | | | | | | SPIO253 | 052 | | | | | | | | | |
| 63653 | | XA316 | 8T | | XA317 | 79 | | | | 16B | 9 | | | SPA | 01 | PSTDE8T | 01 | 1 | DBC | E3 | | 37B | A03 | |
| 63916 | | XA316 | 80 | | XA317 | 80 | | | | 16B | 9 | | | SPIO083 | 09 | | | | | | | | | |
| 63654 | | XA316 | 9T | | | | | | | | | | | SPA | 01 | PSTDE9T | 01 | 1 | DBC | E1 | | 38B | | |
| 60212 | | XA317 | 01 | | | | | | | | | | | DNW | 01 | | | | | | | | | |
| 60484 | | XA317 | 02 | | | | | | | | | | | GND | 01 | | | | | | | | | |
| 61965 | | XA317 | 03 | | XA317 | 19 | | | | 16B | 9 | | | PXR5CS | 01 | PXRAF2T | 01 | 1 | DBC | A3 | | 02B | | |
| 61985 | | XA317 | 04 | | XA317 | 20 | | | | 16B | 9 | | | PXR7CS | 01 | PXRAF0T | 01 | 1 | DBC | A1 | | 02A | | |
| 61956 | | XA317 | 05 | | | | | | | | | | | PXR4CR | 04 | PXRAF3T | 01 | 1 | DBC | A4 | | 03B | | |
| 61981 | | XA317 | 06 | | | | | | | | | | | PXR6CS | 08 | PXRAF1T | 01 | 1 | DBC | A2 | | 03A | | |
| 61751 | | XA317 | 07 | | | | | | | | | | | PXRAF5T | 02 | PXRAF5T | 00 | 1 | DBC | A6 | | 04B | | |
| 64876 | | XA317 | 08 | | | | | | | | | | M | PXRAF0T | 01 | PXRAF0T | 00 | 1 | DBC | A1 | | 04A | | |
| 61753 | | XA317 | 09 | | XA328 | 17 | | | | 16B | 9 | | | PXRAF6T | 02 | PXRAF6T | 00 | 1 | DBC | A7 | | 05B | | |
| 64877 | | XA317 | 10 | | | | | | | | | | M | PXRAF1T | 01 | PXRAF1T | 00 | 1 | DBC | A2 | | 05A | | |
| 61756 | | XA317 | 11 | | XA206 | 73 | | | | 16B | 9 | | | PXRAF7T | 02 | PXRAF7T | 00 | 1 | DBC | A8 | | 06B | | |
| 60085 | | XA317 | 12 | | | | | | | | | | | +5V | 01 | | | | | | | 08A | | |
| 64879 | | XA317 | 13 | | | | | | | | | | M | PXRAF3T | 01 | PXRAF3T | 00 | 1 | DBC | A4 | | 07A | | |
| 64878 | | XA317 | 14 | | | | | | | | | | M | PXRAF2T | 01 | PXRAF2T | 00 | 1 | DBC | A3 | | 06A | | |
| 64881 | | XA317 | 15 | | | | | | | | | | M | PXRAF8T | 01 | PXRAF8T | 00 | 1 | DBC | A9 | | 07B | | |
| 60485 | | XA317 | 16 | | | | | | | | | | | GND | 01 | | | | | | | 01B | | |
| 64880 | | XA317 | 17 | | | | | | | | | | M | PXRAF4T | 01 | PXRAF4T | 00 | 1 | DBC | A5 | | 08B | | |
| 64882 | | XA317 | 18 | | | | | | | | | | M | PXRAF9T | 01 | PXRAF9T | 00 | 1 | DBC | A0 | | 09A | | |
| 61966 | | XA317 | 19 | | XA318 | 22 | | | | 16B | 9 | | | PXR5CS | 02 | PXR092T | 01 | 1 | DBC | B3 | | 09B | | |
| 61986 | | XA317 | 20 | | XA318 | 18 | | | | 16B | 9 | | | PXR7CS | 02 | PXR090T | 01 | 1 | DBC | B1 | | 10A | | |
| 61961 | | XA317 | 21 | | | | | | | | | | | PXR4CS | 05 | PXR093T | 01 | 1 | DBC | B4 | | 10B | | |
| 61980 | | XA317 | 22 | | XA317 | 06 | | | | 16B | 9 | | | PXR6CS | 07 | PXR091T | 01 | 1 | DBC | B2 | | 11A | | |
| 61916 | | XA317 | 23 | | XA206 | 40 | | | | 16B | 9 | | | PXR095T | 02 | PXR095T | 00 | 1 | DBC | B6 | | 11B | | |
| 61906 | | XA317 | 24 | | XA342 | 24 | | | | 16B | 9 | | | PXR090T | 01 | PXR090T | 00 | 1 | DBC | B1 | | 12A | | |
| 61920 | | XA317 | 25 | | | | | | | | | | | PXR096T | 02 | PXR096T | 00 | 1 | DBC | B7 | | 12B | | |
| 61909 | | XA317 | 26 | | | | | | | | | | | PXR091T | 02 | PXR091T | 00 | 1 | DBC | B2 | | 13A | | |
| 61910 | | XA317 | 27 | | XA341 | 17 | | | | 16B | 9 | | | PXR092T | 01 | PXR092T | 00 | 1 | DBC | B3 | | 14A | | |
| 60086 | | XA317 | 28 | | | | | | | | | | | +5V | 01 | | | | | | | 08A | | |
| 61923 | | XA317 | 29 | | | | | | | | | | | PXR097T | 02 | PXR097T | 00 | 1 | DBC | B8 | | 13B | | |
| 64883 | | XA317 | 30 | | | | | | | | | | M | PXR093T | 01 | PXR093T | 00 | 1 | DBC | B4 | | 15A | | |
| 61925 | | XA317 | 31 | | | | | | | | | | | PXR098T | 02 | PXR098T | 00 | 1 | DBC | B9 | | 14B | | |
| 60486 | | XA317 | 32 | | | | | | | | | | | GND | 01 | | | | | | | 27A | | |
| 61913 | | XA317 | 33 | | XA206 | 42 | | | | 16B | 9 | | | PXR094T | 02 | PXR094T | 00 | 1 | DBC | B5 | | 16A | | |
| 64884 | | XA317 | 34 | | | | | | | | | | M | PXR099T | 01 | PXR099T | 00 | 1 | DBC | B0 | | 15B | | |
| 63882 | | XA317 | 35 | | XA325 | 14 | | | | 16B | 9 | | | SPIO243 | 037 | PXS035U | 01 | 1 | DBC | C5 | | 16B | A03 | |
| 64887 | | XA317 | 36 | | | | | | | | | | M | PXS035U | 01 | PXS035U | 00 | 1 | DBC | C5 | | 17A | | |
| 61993 | | XA317 | 37 | | XA317 | 51 | | | | 16B | 9 | | | PXSK00 | 01 | PXS032U | 01 | 1 | DBC | C2 | | 17B | | |
| 62013 | | XA317 | 38 | | XA345 | 49 | | | | 16B | 9 | | | PXS031U | 02 | PXS031U | 00 | 1 | DBC | C1 | | 18A | | |
| 61548 | | XA317 | 39 | | XA339 | 55 | | | | 16B | 9 | | | PXDB0TA | 01 | PXS031U | 01 | 1 | DBC | C1 | | 18B | | |
| 63655 | | XA317 | 4T | | | | | | | | | | | SPA | 01 | PXRAF4T | 01 | 1 | DBC | A5 | | | | |
| 63656 | | XA317 | 4T | | | | | | | | | | | SPA | 01 | PXR094T | 01 | 1 | DBC | B5 | | | | |
| 62016 | | XA317 | 40 | | XA318 | 05 | | | | 16B | 9 | | | PXS032U | 02 | PXS032U | 00 | 1 | DBC | C2 | | 19A | | |
| 61551 | | XA317 | 41 | | | | | | | | | | | PXDB0TB | 02 | PXS031U | 01 | 2 | DBC | C1 | | 19B | | |
| 62019 | | XA317 | 42 | | XA345 | 54 | | | | 16B | 9 | | | PXS033U | 02 | PXS033U | 00 | 1 | DBC | C3 | | 20A | | |
| CONNECTOR XA317 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA317
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 202

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------|--------|----------|------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FC | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 61552 | | XA317 | 43 | | | | | | | | | | PXDB0TC | 01 | PXS031U | 01 | 3 | DBC | C1 | | 22B | | |
| 60487 | | XA317 | 44 | | | XA339 | 60 | | | 16B | 9 | | GND | 01 | | | | | | | 40B | | |
| 61555 | | XA317 | 45 | | | | | | | | | | PXDB0TD | 02 | PXS031U | 01 | 4 | DBC | C1 | | 23B | | |
| 62022 | | XA317 | 46 | | | XA318 | 09 | | | 16B | 9 | | PXS034U | 02 | PXS034U | 00 | 1 | DBC | C4 | | 21A | | |
| 63883 | | XA317 | 47 | | | XA316 | 47 | | | 16B | 9 | | SPI0233 | 09 | PXS033U | 01 | 1 | DBC | C3 | | 23A | A03 | |
| 63875 | | XA317 | 48 | | | XA316 | 22 | | | 16B | 9 | | SPI0073 | 02 | PXS034U | 01 | 1 | DBC | C4 | | 22A | | |
| 64032 | | XA317 | 49 | | | | | | | | | | SPI0173 | 37 | PXS475U | 01 | 1 | DBC | D5 | | 24B | | |
| 63657 | | XA317 | 5T | | | | | | | | | | SPA | 01 | PXRAF5T | 01 | 1 | DBC | A6 | | | | |
| 63658 | | XA317 | 5T | | | | | | | | | | SPA | 01 | PXR095T | 01 | 1 | DBC | B6 | | | | |
| 61695 | | XA317 | 50 | | | XA325 | 08 | | | 16B | 9 | | PXGN4A | 02 | PXS031U | 01 | 5 | DBC | C1 | | 24A | | |
| 61994 | | XA317 | 51 | | | XA341 | 75 | | | 16B | 9 | | PXSK00 | 02 | PXS472U | 01 | 1 | DBC | D2 | | 25B | | |
| 64888 | | XA317 | 52 | | | | | | | | | M | PXS475U | 01 | PXS475U | 00 | 1 | DBC | D5 | | 25A | | |
| 61564 | | XA317 | 53 | | | XA338 | 55 | | | 16B | 9 | | PXDB4TA | 01 | PXS471U | 01 | 1 | DBC | D1 | | 26B | | |
| 62025 | | XA317 | 54 | | | XA345 | 71 | | | 16B | 9 | | PXS471U | 02 | PXS471U | 00 | 1 | DBC | D1 | | 26A | | |
| 61567 | | XA317 | 55 | | | | | | | | | | PXDB4TB | 02 | PXS471U | 01 | 2 | DBC | D1 | | 27B | | |
| 62028 | | XA317 | 56 | | | XA318 | 08 | | | 16B | 9 | | PXS472U | 02 | PXS472U | 00 | 1 | DBC | D2 | | 28B | | |
| 61568 | | XA317 | 57 | | | XA338 | 60 | | | 16B | 9 | | PXDB4TC | 01 | PXS471U | 01 | 3 | DBC | D1 | | 29B | | |
| 60488 | | XA317 | 58 | | | | | | | | | | GND | 01 | | | | | | | | | |
| 61571 | | XA317 | 59 | | | | | | | | | | PXDB4TD | 02 | PXS471U | 01 | 4 | DBC | D1 | | 30B | | |
| 63659 | | XA317 | 6T | | | | | | | | | | SPA | 01 | PXR096T | 01 | 1 | DBC | B7 | | | | |
| 63660 | | XA317 | 6T | | | | | | | | | | SPA | 01 | PXRAF6T | 01 | 1 | DBC | A7 | | | | |
| 62031 | | XA317 | 60 | | | XA345 | 74 | | | 16B | 9 | | PXS473U | 02 | PXS473U | 00 | 1 | DBC | D3 | | 28A | | |
| 64031 | | XA317 | 61 | | | XA317 | 47 | | | 16B | 9 | | SPI0233 | 08 | PXS473U | 01 | 1 | DBC | D3 | | 31B | A03 | |
| 62034 | | XA317 | 62 | | | XA318 | 04 | | | 16B | 9 | | PXS474U | 02 | PXS474U | 00 | 1 | DBC | D4 | | 29A | | |
| 61694 | | XA317 | 63 | | | XA317 | 50 | | | 16B | 9 | | PXGN4A | 01 | PXS471U | 01 | 5 | DBC | D1 | | 31A | | |
| 64030 | | XA317 | 64 | | | XA317 | 35 | | | 16B | 9 | | SPI0243 | 036 | PXS474U | 01 | 1 | DBC | D4 | | 30A | A03 | |
| 60213 | | XA317 | 65 | | | | | | | | | | DNW | 01 | | | | | | | | | |
| 64029 | | XA317 | 66 | | | XA317 | 61 | | | 16B | 9 | | SPI0233 | 07 | | 01 | 1 | DBC | E5 | | 32B | A03 | |
| 60489 | | XA317 | 67 | | | | | | | | | | GND | 01 | | | | | | | | | |
| 64765 | | XA317 | 68 | | | | | | | | | | SPO | 01 | | 00 | 1 | DBC | E5 | | 33A | | |
| 64028 | | XA317 | 69 | | | XA319 | 38 | | | 16B | 9 | | SPI0263 | 043 | | 01 | 1 | DBC | E2 | | 32A | A03 | |
| 63661 | | XA317 | 7T | | | | | | | | | | SPA | 01 | PXR097T | 01 | 1 | DBC | B8 | | | | |
| 63662 | | XA317 | 7T | | | | | | | | | | SPA | 01 | PXRAF7T | 01 | 1 | DBC | A8 | | | | |
| 64766 | | XA317 | 70 | | | | | | | | | | SPO | 01 | | 00 | 1 | DBC | E1 | | 34A | | |
| 63934 | | XA317 | 71 | | | XA318 | 75 | | | 16B | 9 | | SPI0093 | 07 | | 01 | 1 | DBC | E1 | | 33B | | |
| 64767 | | XA317 | 72 | | | | | | | | | | SPO | 01 | | 00 | 1 | DBC | E2 | | 35A | | |
| 63710 | | XA317 | 73 | | | XA316 | 71 | | | 16B | 9 | | SPI0023 | 10 | | 01 | 2 | DBC | E1 | | 34B | | |
| 64768 | | XA317 | 74 | | | | | | | | | | SPO | 01 | | 00 | 1 | DBC | E3 | | 36A | | |
| 64027 | | XA317 | 75 | | | XA317 | 64 | | | 16B | 9 | | SPI0243 | 035 | | 01 | 3 | DBC | E1 | | 35B | A03 | |
| 64769 | | XA317 | 76 | | | | | | | | | | SPO | 01 | | 00 | 1 | DBC | F4 | | 37A | | |
| 63828 | | XA317 | 77 | | | XA316 | 73 | | | 16B | 9 | | SPI0053 | 17 | | 01 | 4 | DBC | E1 | | 36B | | |
| 64025 | | XA317 | 78 | | | XA317 | 49 | | | 16B | 9 | | SPI0173 | 30 | | 01 | 1 | DBC | F4 | | 38A | A03 | |
| 64026 | | XA317 | 79 | | | XA319 | 37 | | | 16B | 9 | | SPI0253 | 053 | | 01 | 1 | DBC | E3 | | 37B | A03 | |
| 63663 | | XA317 | 8T | | | | | | | | | | SPA | 01 | PXRAF8T | 01 | 1 | DBC | A9 | | | | |
| 63664 | | XA317 | 8T | | | | | | | | | | SPA | 01 | PXR098T | 01 | 1 | DBC | B9 | | | | |
| 63917 | | XA317 | 80 | | | XA318 | 71 | | | 16B | 9 | | SPI0083 | 10 | | 01 | 5 | DBC | E1 | | 38B | | |
| 63665 | | XA317 | 9T | | | | | | | | | | SPA | 01 | PXRAF9T | 01 | 1 | DBC | A0 | | | | |
| 63666 | | XA317 | 9T | | | | | | | | | | SPA | 01 | PXR099T | 01 | 1 | DBC | B0 | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA318
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 203

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SP. FC | PREFIX | CONNECTOR | PIN | SP. FC | MULTI-GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 60214 | | XA318 | 01 | | | | | | | | | | DNW | 01 | | | PAR | | | | 02B | | |
| 60490 | | XA318 | 02 | | | | | | | | | | GND | 01 | | | PAR | | | | 01A | | |
| 62012 | | XA318 | 03 | | XA317 | 38 | | | 168 | 9 | | | PXS031U | 01 | PXDSBPR | 01 1 | PAR | A1 | | | 03B | | |
| 62035 | | XA318 | 04 | | | | | | | | | | PXS474U | 03 | PXDSBPR | 01 8 | PAR | A1 | | | 02A | | |
| 62017 | | XA318 | 05 | | | | | | | | | | PXS032U | 03 | PXDSBPR | 01 2 | PAR | A1 | | | 04B | | |
| 62030 | | XA318 | 06 | | XA317 | 60 | | | 168 | 9 | | | PXS473U | 01 | PXDSBPR | 01 7 | PAR | A1 | | | 03A | | |
| 62018 | | XA318 | 07 | | XA317 | 42 | | | 168 | 9 | | | PXS033U | 01 | PXDSBPR | 01 3 | PAR | A1 | | | 05B | | |
| 62029 | | XA318 | 08 | | | | | | | | | | PXS472U | 03 | PXDSBPR | 01 6 | PAR | A1 | | | 04A | | |
| 62023 | | XA318 | 09 | | | | | | | | | | PXS034U | 03 | PXDSBPR | 01 4 | PAR | A1 | | | 06B | | |
| 62024 | | XA318 | 10 | | XA317 | 54 | | | 168 | 9 | | | PXS471U | 01 | PXDSBPR | 01 5 | PAR | A1 | | | 05A | | |
| 62172 | | XA318 | 11 | | XA325 | 13 | | | 168 | 9 | | | PXXCIQ | 01 | PXDSBPR | 02 1 | PAR | A1 | | | 07B | | |
| 60087 | | XA318 | 12 | | | | | | | | | | +5V | 01 | | | PAR | | | | 08A | | |
| 61598 | | XA318 | 13 | | XA345 | 04 | | | 168 | 9 | | | PXDSBPR | 01 | PXDSBPR | 00 1 | PAR | A1 | | | 07A | | |
| 60215 | | XA318 | 14 | | | | | | | | | | DNW | 01 | | | PAR | | | | 06A | | |
| 60216 | | XA318 | 15 | | | | | | | | | | DNW | 01 | | | PAR | | | | 08B | | |
| 60491 | | XA318 | 16 | | | | | | | | | | GND | 01 | | | PAR | | | | 01B | | |
| 61896 | | XA318 | 17 | | | | | | | | | | PXR0CS | 05 | PXROPPR | 01 1 | PAR | B1 | | | 09B | | |
| 61987 | | XA318 | 18 | | XA337 | 78 | | | 168 | 9 | | | PXR7CS | 03 | PXROPPR | 01 8 | PAR | B1 | | | 09A | | |
| 61931 | | XA318 | 19 | | XA337 | 59 | | | 168 | 9 | | | PXR1CS | 01 | PXROPPR | 01 2 | PAR | B1 | | | 10B | | |
| 61979 | | XA318 | 20 | | XA317 | 22 | | | 168 | 9 | | | PXR6CS | 06 | PXROPPR | 01 7 | PAR | B1 | | | 10A | | |
| 61940 | | XA318 | 21 | | XA337 | 56 | | | 168 | 9 | | | PXR2CS | 01 | PXROPPR | 01 3 | PAR | B1 | | | 11B | | |
| 61967 | | XA318 | 22 | | XA337 | 77 | | | 168 | 9 | | | PXR5CS | 03 | PXROPPR | 01 6 | PAR | B1 | | | 11A | | |
| 61948 | | XA318 | 23 | | XA341 | 18 | | | 168 | 9 | | | PXR3CS | 01 | PXROPPR | 01 4 | PAR | B1 | | | 12B | | |
| 61960 | | XA318 | 24 | | XA317 | 21 | | | 168 | 9 | | | PXR4CS | 04 | PXROPPR | 01 5 | PAR | B1 | | | 12A | | |
| 61905 | | XA318 | 25 | | | | | | | | | | PXROPPR | 04 | PXROPPR | 00 1 | PAR | B1 | | | 14A | | |
| 60217 | | XA318 | 26 | | | | | | | | | | DNW | 01 | | | PAR | | | | 13A | | |
| 61776 | | XA318 | 27 | | XA331 | 07 | | | 168 | 9 | | | PXRPCS | 01 | PXROPPR | 02 1 | PAR | B1 | | | 13B | | |
| 60088 | | XA318 | 28 | | | | | | | | | | +5V | 01 | | | PAR | | | | 08A | | |
| 60218 | | XA318 | 29 | | | | | | | | | | DNW | 01 | | | PAR | | | | 14B | | |
| 63228 | | XA318 | 30 | | | | | | | | | | QXS474U | 03 | QXDSBPR | 01 8 | PAR | C1 | | | 15A | | |
| 63206 | | XA318 | 31 | | XA316 | 38 | | | 168 | 9 | | | QXS031U | 02 | QXDSBPR | 01 1 | PAR | C1 | | | 15B | | |
| 60492 | | XA318 | 32 | | | | | | | | | | GND | 01 | | | PAR | | | | 20B | | |
| 63209 | | XA318 | 33 | | XA346 | 51 | | | 168 | 9 | | | QXS032U | 02 | QXDSBPR | 01 2 | PAR | C1 | | | 16B | | |
| 63223 | | XA318 | 34 | | XA316 | 60 | | | 168 | 9 | | | QXS473U | 01 | QXDSBPR | 01 7 | PAR | C1 | | | 16A | | |
| 63212 | | XA318 | 35 | | XA316 | 42 | | | 168 | 9 | | | QXS033U | 02 | QXDSBPR | 01 3 | PAR | C1 | | | 17B | | |
| 63222 | | XA318 | 36 | | | | | | | | | | QXS472U | 03 | QXDSBPR | 01 6 | PAR | C1 | | | 17A | | |
| 63216 | | XA318 | 37 | | | | | | | | | | QXS034U | 03 | QXDSBPR | 01 4 | PAR | C1 | | | 18B | | |
| 63217 | | XA318 | 38 | | XA316 | 54 | | | 168 | 9 | | | QXS471U | 01 | QXDSBPR | 01 5 | PAR | C1 | | | 18A | | |
| 63365 | | XA318 | 39 | | XA314 | 52 | | | 168 | 9 | | | QXXCIQ | 01 | QXDSBPR | 02 1 | PAR | C1 | | | 19B | | |
| 60219 | | XA318 | 40 | | | | | | | | | | DNW | 01 | | | PAR | | | | 19A | | |
| 60220 | | XA318 | 41 | | | | | | | | | | DNW | 01 | | | PAR | | | | 22B | | |
| 62899 | | XA318 | 42 | | XA346 | 04 | | | 168 | 9 | | | QXDSBPR | 01 | QXDSBPR | 00 1 | PAR | C1 | | | 20A | | |
| 63088 | | XA318 | 43 | | XA337 | 51 | | | 168 | 9 | | | QXR0CS | 04 | QXROPPR | 01 1 | PAR | D1 | | | 23B | | |
| 60493 | | XA318 | 44 | | | | | | | | | | GND | 01 | | | PAR | | | | 27A | | |
| 63126 | | XA318 | 45 | | XA337 | 57 | | | 168 | 9 | | | QXR1CS | 03 | QXROPPR | 01 2 | PAR | D1 | | | 24B | | |
| 63182 | | XA318 | 46 | | XA337 | 76 | | | 168 | 9 | | | QXR7CS | 05 | QXROPPR | 01 8 | PAR | D1 | | | 21A | | |
| 63135 | | XA318 | 47 | | XA337 | 54 | | | 168 | 9 | | | QXR2CS | 03 | QXROPPR | 01 3 | PAR | D1 | | | 25B | | |
| 63173 | | XA318 | 48 | | XA337 | 70 | | | 168 | 9 | | | QXR6CS | 07 | QXROPPR | 01 7 | PAR | D1 | | | 22A | | |
| 63144 | | XA318 | 49 | | XA337 | 62 | | | 168 | 9 | | | QXR3CS | 04 | QXROPPR | 01 4 | PAR | D1 | | | 26B | | |
| 63162 | | XA318 | 50 | | XA337 | 75 | | | 168 | 9 | | | QXR5CS | 05 | QXROPPR | 01 6 | PAR | D1 | | | 23A | | |
| CONNECTOR (XA318) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA318
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 204

| RECORD NUMBER | FROM | | | SMT POS | TO | | | MULTI GROUP | WIRE | | | SPEC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | FCO NO | | |
|---------------|-----------|-----------|-----|---------|---------------------------------|-----------|-----|-------------|------|-------|-------|----------------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|--|--|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | | CODE | COLOR | IDENT | | | | | | | | | | | | | | |
| 63066 | | XA318 | 51 | | | | | | | | | | QXRPCS | 04 | QXROPPR | 02 | 1 | PAR | D1 | | 27B | | | | |
| 63153 | | XA318 | 52 | | XA337 | 69 | | 16B | 9 | | | | QXR4CS | 04 | QXROPPR | 01 | 5 | PAR | D1 | | 24A | | | | |
| 60221 | | XA318 | 53 | | | | | | | | | | DNW | 01 | | | | PAR | | | 28B | | | | |
| 60222 | | XA318 | 54 | | | | | | | | | | DNW | 01 | | | | PAR | | | 25A | | | | |
| 63919 | | XA318 | 55 | | XA319 | 30 | | 16B | 9 | | | | SPI0083 | 12 | | 01 | 1 | PAR | E1 | | 29B | | | | |
| 63096 | | XA318 | 56 | | XA305 | 62 | | 16B | 9 | | | | QXROPPR | 02 | QXROPPR | 00 | 1 | PAR | D1 | | 26A | | | | |
| 63936 | | XA318 | 57 | | XA337 | 47 | | 16B | 9 | | | | SPI0093 | 09 | | 01 | 8 | PAR | E1 | | 28A | | | | |
| 60494 | | XA318 | 58 | | | | | | | | | | GND | 01 | | | | PAR | | | 40A | | | | |
| 63975 | | XA318 | 59 | | XA318 | 79 | | 16B | 9 | | | | SPI0133 | 04 | | 01 | 2 | PAR | E1 | | 30B | | | | |
| 64013 | | XA318 | 60 | | XA320 | 63 | | 16B | 9 | | | | SPI0173 | 18 | | 01 | 7 | PAR | E1 | | 29A | | | | |
| 63706 | | XA318 | 61 | | XA319 | 78 | | 16B | 9 | | | | SPI0023 | 06 | | 01 | 3 | PAR | E1 | | 31B | | | | |
| 63824 | | XA318 | 62 | | XA318 | 72 | | 16B | 9 | | | | SPI0053 | 13 | | 01 | 6 | PAR | E1 | | 30A | | | | |
| 63968 | | XA318 | 63 | | XA337 | 39 | | 16B | 9 | | | | SPI0123 | 07 | | 01 | 4 | PAR | E1 | | 32B | | | | |
| 63946 | | XA318 | 64 | | XA337 | 50 | | 16B | 9 | | | | SPI0103 | 07 | | 01 | 5 | PAR | E1 | | 31A | | | | |
| 63956 | | XA318 | 65 | | XA318 | 76 | | 16B | 9 | | | | SPI0113 | 06 | | 02 | 1 | PAR | E1 | | 33B | | | | |
| 60223 | | XA318 | 66 | | | | | | | | | | DNW | 01 | | | | PAR | | | 32A | | | | |
| 60495 | | XA318 | 67 | | | | | | | | | | GND | 01 | | | | PAR | | | 40B | | | | |
| 64770 | | XA318 | 68 | | | | | | | | | | SPO | 01 | | 00 | 1 | PAR | EJ | | 33A | | | | |
| 60224 | | XA318 | 69 | | | | | | | | | | DNW | 01 | | | | PAR | | | 34B | | | | |
| 63967 | | XA318 | 70 | | XA318 | 63 | | 16B | 9 | | | | SPI0123 | 06 | | 01 | 8 | PAR | F1 | | 34A | | | | |
| 63918 | | XA318 | 71 | | XA318 | 55 | | 16B | 9 | | | | SPI0083 | 11 | | 01 | 1 | PAR | F1 | | 35B | | | | |
| 63825 | | XA318 | 72 | | XA319 | 72 | | 16B | 9 | | | | SPI0053 | 14 | | 01 | 7 | PAR | F1 | | 35A | | | | |
| 63709 | | XA318 | 73 | | XA317 | 73 | | 16B | 9 | | | | SPI0023 | 09 | | 01 | 2 | PAR | F1 | | 36B | | | | |
| 64024 | | XA318 | 74 | | XA317 | 78 | | 16B | 9 | | | | SPI0173 | 29 | | 01 | 6 | PAR | F1 | | 36A | | | | |
| 63935 | | XA318 | 75 | | XA318 | 57 | | 16B | 9 | | | | SPI0093 | 08 | | 01 | 3 | PAR | F1 | | 37B | | | | |
| 63957 | | XA318 | 76 | | XA339 | 72 | | 16B | 9 | | | | SPI0113 | 07 | | 01 | 5 | PAR | F1 | | 37A | | | | |
| 63945 | | XA318 | 77 | | XA318 | 64 | | 16B | 9 | | | | SPI0103 | 06 | | 01 | 4 | PAR | F1 | | 38B | | | | |
| 60225 | | XA318 | 78 | | | | | | | | | | DNW | 01 | | | | PAR | | | 38A | | | | |
| 63976 | | XA318 | 79 | | XA314 | 78 | | 16B | 9 | | | | SPI0133 | 05 | | 02 | 1 | PAR | F1 | | 39B | | | | |
| 64771 | | XA318 | 80 | | | | | | | | | | SPO | 01 | | 00 | 1 | PAR | F1 | | 39A | | | | |
| 63603 | | XA319 | 01 | | XA332 | 21 | | 16B | 9 | | | | QONL20 | 09 | QOFRTA | 01 | 1 | TD4 | A2 | | 02B | | | | |
| 60496 | | XA319 | 02 | | | | | | | | | | GND | 01 | | | | TD4 | | | 01A | | | | |
| 60226 | | XA319 | 03 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | | | |
| 63539 | | XA319 | 04 | | XA208 | 76 | | 16B | 9 | | | | QXOFERS | 01 | QOFRTA | 01 | 2 | TD4 | A2 | | 04A | | | | |
| 63326 | | XA319 | 05 | | XA324 | 08 | | 16B | 9 | | | | SPI0253 | 08 | QOFRTA | 01 | 3 | TD4 | A2 | | 03B | | | | |
| 62433 | | XA319 | 06 | | XA315 | 49 | | 16B | 9 | | | | PONL20 | 06 | POFRTA | 01 | 1 | TD4 | A1 | | 05A | | | | |
| 61312 | | XA319 | 07 | | XA319 | 13 | | 16B | 9 | | | | PST010 | 04 | QOFRTA | 01 | 4 | TD4 | A2 | | 03A | | | | |
| 62347 | | XA319 | 08 | | XA336 | 29 | | 16B | 9 | | | | PXOFERS | 01 | POFRTA | 01 | 2 | TD4 | A1 | | 06A | | | | |
| 63560 | | XA319 | 09 | | | | | | | | | | QOFRTA | 02 | QOFRTA | 00 | 1 | TD4 | A2 | | 04B | QFR FR. CPU-B | | | |
| 62133 | | XA319 | 10 | | XA319 | 05 | | 16B | 9 | | | | SPI0253 | 07 | POFRTA | 01 | 3 | TD4 | A1 | | 07A | | | | |
| 62387 | | XA319 | 11 | | XA323 | 05 | | 16B | 9 | | | | POFRTA | 01 | POFRTA | 00 | 1 | TD4 | A1 | | 05B | QFR FR. CPU-A | | | |
| 60089 | | XA319 | 12 | | | | | | | | | | +5V | 01 | | | | TD4 | | | | | | | |
| 61313 | | XA319 | 13 | | XA328 | 46 | | 16B | 9 | | | | PST010 | 05 | POFRTA | 01 | 4 | TD4 | A1 | | 06B | | | | |
| 61233 | | XA319 | 14 | | | | | | | | | | PSC000 | 02 | PST10A | 01 | 1 | TD4 | B2 | | 09A | | | | |
| 60227 | | XA319 | 15 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | | | |
| 60497 | | XA319 | 16 | | | | | | | | | | GND | 01 | | | | TD4 | | | 20B | | | | |
| 60228 | | XA319 | 17 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | | | |
| 61249 | | XA319 | 18 | | XA339 | 50 | | 16B | 9 | | | | PSTCT2U | 04 | PST10A | 01 | 2 | TD4 | B2 | | 10A | | | | |
| | CONNECTOR | XA319 | | | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA319
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 205

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------|--------|----------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FE | PREFIX | CONNECTOR | PIN | SH FE | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | |
| 61254 | | XA319 | 19 | | | XA339 | 33 | | | 16B | 9 | | PSTCT3U | 04 | PST10A | 01 3 | TD4 B2 | | 09B | | | |
| 61259 | | XA319 | 20 | | | XA339 | 17 | | | 16B | 9 | | PSTCT4U | 04 | PST10A | 01 4 | TD4 B2 | | 11A | | | |
| 61351 | | XA319 | 21 | | | XA327 | 13 | | | 16B | 9 | | PST10A | 02 | PST10A | 00 1 | TD4 B2 | | 10B | STATE 10 | | |
| 60902 | | XA319 | 22 | | | XA208 | 06 | | | 16B | 9 | | PEN11A | 01 | PEENB0 | 01 1 | TD4 B1 | | 12A | | | |
| 60881 | | XA319 | 23 | | | XA209 | 24 | | | 16B | 9 | | PEENB0 | 01 | PEENB0 | 00 1 | TD4 B1 | | 11B | SUM, ALL PRESETS | | |
| 60888 | | XA319 | 24 | | | XA315 | 43 | | | 16B | 9 | | PST11A | 05 | PEENB0 | 01 2 | TD4 B1 | | 13A | | | |
| 60889 | | XA319 | 25 | | | XA315 | 41 | | | 16B | 9 | | PELO5A | 01 | PEENB0 | 01 3 | TD4 B1 | | 12B | | | |
| 61291 | | XA319 | 26 | | | XA316 | 18 | | | 16B | 9 | | PSTDE9T | 03 | PEENB0 | 01 4 | TD4 B1 | | 14A | | | |
| 60229 | | XA319 | 27 | | | | | | | | | | DNW | 01 | | | TD4 | | | | | |
| 60090 | | XA319 | 28 | | | | | | | | | | +5V | 01 | | | TD4 | | | | | |
| 60230 | | XA319 | 29 | | | | | | | | | | DNW | 01 | | | TD4 | | | | | |
| 63920 | | XA319 | 30 | | | XA314 | 45 | | | 16B | 9 | | SPI0083 | 13 | | 01 1 | TD4 C2 | | 15A | | | |
| 63823 | | XA319 | 31 | | | XA318 | 62 | | | 16B | 9 | | SPI0053 | 12 | | 01 2 | TD4 C2 | | 15B | | | |
| 60498 | | XA319 | 32 | | | | | | | | | | GND | 01 | | | TD4 | | 21B | | | |
| 64772 | | XA319 | 33 | | | | | | | | | | SPO | 01 | | 00 1 | TD4 C2 | | 16B | | | |
| 63705 | | XA319 | 34 | | | XA318 | 61 | | | 16B | 9 | | SPI0023 | 05 | | 01 3 | TD4 C2 | | 16A | | | |
| 60839 | | XA319 | 35 | | | | | | | | | | SPO | 01 | | 00 1 | TD4 C1 | | 17B | * | 0 | |
| 64006 | | XA319 | 36 | | | XA320 | 39 | | | 16B | 9 | | SPI0173 | 11 | | 01 4 | TD4 C2 | | 17A | | | |
| 62449 | | XA319 | 37 | | | XA319 | 10 | | | 16B | 9 | | SPI0253 | 06 | | 01 1 | TD4 C1 | | 18B | | | |
| 62497 | | XA319 | 38 | | | XA324 | 72 | | | 16B | 9 | | SPI0263 | 05 | | 01 2 | TD4 C1 | | 18A | | | |
| 60231 | | XA319 | 39 | | | | | | | | | | DNW | 01 | | | TD4 | | | | | |
| 60906 | | XA319 | 40 | | | XA324 | 13 | | | 16B | 9 | | SPI0153 | 02 | | 01 3 | TD4 C1 | | 19A | | | |
| 60232 | | XA319 | 41 | | | | | | | | | | DNW | 01 | | | TD4 | | | | | |
| 62625 | | XA319 | 42 | | | XA324 | 62 | | | 16B | 9 | | SPI0163 | 02 | | 01 4 | TD4 C1 | | 20A | | A01 | |
| 62418 | | XA319 | 43 | | | XA314 | 51 | | | 16B | 9 | | PONL10 | 04 | QLSD0A | 01 1 | TD4 D2 | | 23B | CPU-B | | |
| 60499 | | XA319 | 44 | | | | | | | | | | GND | 01 | | | TD4 | | 27A | | | |
| 62643 | | XA319 | 45 | | | XA206 | 13 | | | 16B | 9 | | QLSD0A | 01 | QLSD0A | 00 1 | TD4 D2 | | 24B | LAST DATA BYTE TO | | |
| 63382 | | XA319 | 46 | | | | | | | 16B | 9 | | QXXDS0 | 02 | QLSD0A | 01 2 | TD4 D2 | | 21A | | A05 | |
| 60936 | | XA319 | 47 | | | | | | | | | | PLSD0A | 02 | PLSD0A | 00 1 | TD4 D1 | | 25B | LAST DATA BYTE TO | | |
| 63454 | | XA319 | 48 | | | XA332 | 60 | | | 16B | 9 | | QXXDOP | 02 | QLSD0A | 01 3 | TD4 D2 | | 22A | | | |
| 63585 | | XA319 | 49 | | | XA314 | 57 | | | 16B | 9 | | QONL10 | 04 | PLSD0A | 01 1 | TD4 D1 | | 26B | CPU-A | | |
| 63466 | | XA319 | 50 | | | XA304 | 60 | | | 16B | 9 | | QXXD1P | 01 | QLSD0A | 01 4 | TD4 D2 | | 23A | | | |
| 60233 | | XA319 | 51 | | | | | | | | | | DNW | 01 | | | TD4 | | | | | |
| 62191 | | XA319 | 52 | | | | | | | | | | PXXDS0 | 02 | PLSD0A | 01 2 | TD4 D1 | | 24A | | A05 | |
| 60234 | | XA319 | 53 | | | | | | | | | | DNW | 01 | | | TD4 | | | | | |
| 62260 | | XA319 | 54 | | | XA330 | 57 | | | 16B | 9 | | PXXDOP | 01 | PLSD0A | 01 3 | TD4 D1 | | 25A | | | |
| 61384 | | XA319 | 55 | | | XA328 | 38 | | | 16B | 9 | | PWRIT0 | 02 | PXED3A | 01 1 | TD4 E2 | | 29B | | | |
| 62277 | | XA319 | 56 | | | XA325 | 09 | | | 16B | 9 | | PXXD1P | 05 | PLSD0A | 01 4 | TD4 D1 | | 26A | | | |
| 61671 | | XA319 | 57 | | | XA206 | 59 | | | 16B | 9 | | PXED3A | 03 | PXED3A | 00 1 | TD4 E2 | | 30B | RECEIVE DATA STRO | | |
| 60500 | | XA319 | 58 | | | | | | | | | | GND | 01 | | | TD4 | | 40A | | | |
| 61668 | | XA319 | 59 | | | | | | | | | | PXED2A | 03 | PXED2A | 00 1 | TD4 E1 | | 31B | RECEIVE DATA STRO | | |
| 61675 | | XA319 | 60 | | | XA319 | 66 | | | 16B | 9 | | PXENAS | 01 | PXED3A | 01 2 | TD4 E2 | | 28A | | | |
| 61383 | | XA319 | 61 | | | XA319 | 55 | | | 16B | 9 | | PWRIT0 | 01 | PXED2A | 01 1 | TD4 E1 | | 32B | | | |
| 62159 | | XA319 | 62 | | | XA334 | 51 | | | 16B | 9 | | PXX340 | 07 | PXED3A | 01 3 | TD4 E2 | | 29A | | | |
| 60235 | | XA319 | 63 | | | | | | | | | | DNW | 01 | | | TD4 | | | | | |
| 62083 | | XA319 | 64 | | | XA335 | 27 | | | 16B | 9 | | PXXA50 | 02 | PXED3A | 01 4 | TD4 E2 | | 30A | | | |
| 60236 | | XA319 | 65 | | | | | | | | | | DNW | 01 | | | TD4 | | | | | |
| 61676 | | XA319 | 66 | | | XA340 | 77 | | | 16B | 9 | | PXENAS | 02 | PXED2A | 01 2 | TD4 F1 | | 31A | | | |
| 60501 | | XA319 | 67 | | | | | | | | | | GND | 01 | | | TD4 | | 40B | | | |
| 62154 | | XA319 | 68 | | | XA334 | 45 | | | 16B | 9 | | PXXR30 | 07 | PXED2A | 01 3 | TD4 F1 | | 32A | | | |
| CONNECTOR (XA319) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA319
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 206

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FC | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 64773 | | XA319 | 69 | | | | | | | | | | SPO | 01 | | | | 01 1 TD4 F2 | | | 35A | | |
| 62082 | | XA319 | 70 | | XA319 | 64 | | | 16B | 9 | | | PXXA50 | 01 | PXED2A | | | 01 4 TD4 F1 | | | 33A | | |
| 64023 | | XA319 | 71 | | XA318 | 74 | | | 16B | 9 | | | SPI0173 | 28 | | | | 01 1 TD4 F2 | | | 34A | | |
| 63826 | | XA319 | 72 | | XA319 | 77 | | | 16B | 9 | | | SPI0053 | 15 | | | | 01 2 TD4 F2 | | | 34A | | |
| 63708 | | XA319 | 73 | | XA318 | 73 | | | 16B | 9 | | | SPI0023 | 08 | | | | 01 3 TD4 F2 | | | 34B | | |
| 63914 | | XA319 | 74 | | XA319 | 75 | | | 16B | 9 | | | SPI0083 | 07 | | | | 01 4 TD4 F2 | | | 35B | | |
| 63915 | | XA319 | 75 | | XA316 | 80 | | | 16B | 9 | | | SPI0083 | 08 | | | | 01 1 TD4 F1 | | | 37B | | |
| 64774 | | XA319 | 76 | | | | | | | | | | SPO | 01 | | | | 00 1 TD4 F1 | | | 37A | | |
| 63827 | | XA319 | 77 | | XA317 | 77 | | | 16B | 9 | | | SPI0053 | 16 | | | | 01 2 TD4 F1 | | | 38B | | |
| 63707 | | XA319 | 78 | | XA319 | 73 | | | 16B | 9 | | | SPI0023 | 07 | | | | 01 3 TD4 F1 | | | 38A | | |
| 64022 | | XA319 | 79 | | XA319 | 71 | | | 16B | 9 | | | SPI0173 | 27 | | | | 01 4 TD4 F1 | | | 39B | | |
| 60237 | | XA319 | 80 | | | | | | | | | | DNW | 01 | | | | | | | | | |
| 62394 | | XA320 | 01 | | | | | | | | | | PONCKA | 02 | PONLNN | | | 01 1 TDD BN | | | 02B | | |
| 60502 | | XA320 | 02 | | | | | | | | | | GND | 01 | | | | | | | 01B | | |
| 63822 | | XA320 | 03 | | XA319 | 31 | | | 16B | 9 | | | SPI0053 | 11 | PONLNQ | | | 01 1 TDD BQ | | | 02A | | |
| 62397 | | XA320 | 04 | | XA207 | 52 | | | 16B | 9 | | | PONCLA | 01 | PONLNP | | | 01 1 TDD BP | | | 04A | | |
| 61359 | | XA320 | 05 | | XA319 | 24 | | | 16B | 9 | | | PST11A | 04 | PONLNI | | | 01 1 TDD BI | | | 03B | | |
| 64000 | | XA320 | 06 | | XA321 | 06 | | | 16B | 9 | | | SPI0173 | 05 | PX1MAP | | | 01 1 TDD AP | | | 05A | | |
| 62410 | | XA320 | 07 | | XA205 | 75 | | | 16B | 9 | | | PONLNQ | 05 | PONLNO | | | 00 1 TDD BO | | | 03A | | |
| 62369 | | XA320 | 08 | | XA321 | 11 | | | 16B | 9 | | | PX1MBP | 02 | PX1MAI | | | 01 1 TDD AI | | | 04A | | |
| 62401 | | XA320 | 09 | | XA202 | 68 | | | 16B | 9 | | | PONLNP | 01 | PONLNP | | | 00 1 TDD BP | | | 04B | | |
| 62459 | | XA320 | 10 | | XA202 | 45 | | | 16B | 9 | | | P04MH0 | 02 | PX1MAN | | | 01 1 TDD AN | | | 07A | | |
| 62364 | | XA320 | 11 | | | | | | | | | | PX1MAP | 02 | PX1MAP | | | 00 1 TDD AP | | | 05B | | |
| 60091 | | XA320 | 12 | | | | | | | | | | +5V | 01 | | | | | | | | | |
| 62366 | | XA320 | 13 | | XA202 | 48 | | | 16B | 9 | | | PX1MA0 | 02 | PX1MA0 | | | 00 1 TDD AQ | | | 06B | SYNC CLOCK BIT 0 | |
| 60985 | | XA320 | 14 | | XA320 | 26 | | | 16B | 9 | | | PRCP00 | 03 | PRO3BN | | | 01 1 TDD DN | | | 09A | | |
| 63702 | | XA320 | 15 | | XA320 | 17 | | | 16B | 9 | | | SPI0023 | 02 | PX1MA0 | | | 01 1 TDD AQ | | | 07B | | |
| 60503 | | XA320 | 16 | | | | | | | | | | GND | 01 | | | | | | | 20B | | |
| 63703 | | XA320 | 17 | | XA320 | 29 | | | 16B | 9 | | | SPI0023 | 03 | PRO3BQ | | | 01 1 TDD DQ | | | 08B | | |
| 61039 | | XA320 | 18 | | XA321 | 34 | | | 16B | 9 | | | PRD80TD | 02 | PRO3BI | | | 01 1 TDD DI | | | 10A | | |
| 61146 | | XA320 | 19 | | XA337 | 03 | | | 16B | 9 | | | PRO3BQ | 02 | PRO3BQ | | | 00 1 TDD DQ | | | 09B | | |
| 61081 | | XA320 | 20 | | XA322 | 06 | | | 16B | 9 | | | PRRS0A | 02 | PRO3BP | | | 01 1 TDD DP | | | 11A | | |
| 64805 | | XA320 | 21 | | | | | | | | | M | PRO3BP | 01 | PRO3BP | | | 00 1 TDD DP | | | 10B | | |
| 61080 | | XA320 | 22 | | XA320 | 20 | | | 16B | 9 | | | PRRS0A | 01 | PRO2BP | | | 01 1 TDD CP | | | 12A | | |
| 64804 | | XA320 | 23 | | | | | | | | | M | PRO2BP | 01 | PRO2BP | | | 00 1 TDD CP | | | 11B | | |
| 61037 | | XA320 | 24 | | | | | | | | | | PRD80TC | 05 | PRO2BI | | | 01 1 TDD CI | | | 13A | | |
| 61143 | | XA320 | 25 | | XA338 | 35 | | | 16B | 9 | | | PRO2BQ | 02 | PRO2BQ | | | 00 1 TDD CQ | | | 12B | | |
| 60986 | | XA320 | 26 | | XA323 | 23 | | | 16B | 9 | | | PRCP00 | 04 | PRO2BN | | | 01 1 TDD CN | | | 14A | | |
| 64005 | | XA320 | 27 | | XA319 | 36 | | | 16B | 9 | | | SPI0173 | 10 | PRO2BQ | | | 01 1 TDD CQ | | | 13B | | |
| 60092 | | XA320 | 28 | | | | | | | | | | +5V | 01 | | | | | | | | | |
| 63704 | | XA320 | 29 | | XA319 | 34 | | | 16B | 9 | | | SPI0023 | 04 | PR17BQ | | | 01 1 TDD FQ | | | 14B | | |
| 61004 | | XA320 | 30 | | XA320 | 42 | | | 16B | 9 | | | PRCP40 | 02 | PR17BN | | | 01 1 TDD FN | | | 15A | | |
| 61188 | | XA320 | 31 | | XA338 | 25 | | | 16B | 9 | | | PR17BQ | 02 | PR17BQ | | | 00 1 TDD FO | | | 15B | | |
| 60504 | | XA320 | 32 | | | | | | | | | | GND | 01 | | | | | | | 21B | | |
| 64819 | | XA320 | 33 | | | | | | | | | M | PR17BP | 01 | PR17BP | | | 00 1 TDD FP | | | 16B | | |
| 61030 | | XA320 | 34 | | XA322 | 34 | | | 16B | 9 | | | PRD80TB | 03 | PR17BI | | | 01 1 TDD FI | | | 16A | | |
| 64818 | | XA320 | 35 | | | | | | | | | M | PR16BP | 01 | PR16BP | | | 00 1 TDD EP | | | 17B | | |
| 61112 | | XA320 | 36 | | XA201 | 75 | | | 16B | 9 | | | PRRS4A | 04 | PR17BP | | | 01 1 TDD EP | | | 17A | | |
| CONNECTOR (XA320) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA320
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 207

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|---------------------------------|--------|--------|-----------|-----|--------|-------------|------|-------|-------|---------|--------|----------|------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FCS | PREFIX | CONNECTOR | PIN | SH FCS | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 61185 | | XA320 | 37 | | | XA338 | 09 | | | 16B | 9 | | PR16BQ | 02 | PR16BQ | 00 | 1 | TDD | EQ | | 18B | | |
| 61111 | | XA320 | 38 | | | XA320 | 36 | | | 16B | 9 | | PRRS4A | 03 | PR16BP | 01 | 1 | TDD | EP | | 18A | | |
| 64007 | | XA320 | 39 | | | XA321 | 39 | | | 16B | 9 | | SPIO173 | 12 | PR16BQ | 01 | 1 | TDD | EQ | | 19B | | |
| 61025 | | XA320 | 40 | | | XA322 | 40 | | | 16B | 9 | | PRDB0TA | 03 | PR16BI | 01 | 1 | TDD | EI | | 19A | | |
| 64043 | | XA320 | 41 | | | XA321 | 41 | | | 16B | 9 | | SPIO183 | 11 | PR27BQ | 01 | 1 | TDD | HQ | | 22B | | |
| 61005 | | XA320 | 42 | | | XA321 | 42 | | | 16B | 9 | | PRCP40 | 03 | PR16BN | 01 | 1 | TDD | FN | | 20A | | |
| 61218 | | XA320 | 43 | | | XA337 | 05 | | | 16B | 9 | | PR27BQ | 02 | PR27BQ | 00 | 1 | TDD | HO | | 23B | | |
| 60505 | | XA320 | 44 | | | | | | | | | | GND | 01 | | | | TDD | | | 27A | | |
| 64829 | | XA320 | 45 | | | | | | | | | | PR27BP | 01 | PR27BP | 00 | 1 | TDD | HP | | 24B | | |
| 61015 | | XA320 | 46 | | | XA320 | 56 | | | 16B | 9 | | PRCP60 | 03 | PR27BN | 01 | 1 | TDD | HN | | 21A | | |
| 64828 | | XA320 | 47 | | | | | | | | | | PR26BP | 01 | PR26BP | 00 | 1 | TDD | GP | | 25B | | |
| 61041 | | XA320 | 48 | | | XA337 | 63 | | | 16B | 9 | | PRDB0TD | 04 | PR27BI | 01 | 1 | TDD | HI | | 22A | | |
| 61215 | | XA320 | 49 | | | XA338 | 37 | | | 16B | 9 | | PR26BQ | 02 | PR26BQ | 00 | 1 | TDD | GQ | | 26B | | |
| 61120 | | XA320 | 50 | | | XA322 | 38 | | | 16B | 9 | | PRRS6A | 02 | PR27BP | 01 | 1 | TDD | HP | | 23A | | |
| 64012 | | XA320 | 51 | | | XA318 | 60 | | | 16B | 9 | | SPIO173 | 17 | PR26BQ | 01 | 1 | TDD | GQ | | 27B | | |
| 61119 | | XA320 | 52 | | | XA320 | 50 | | | 16B | 9 | | PRRS6A | 01 | PR26BP | 01 | 1 | TDD | GP | | 24A | | |
| 64042 | | XA320 | 53 | | | XA320 | 41 | | | 16B | 9 | | SPIO183 | 10 | PR13BQ | 01 | 1 | TDD | KQ | | 28B | | |
| 61034 | | XA320 | 54 | | | XA321 | 40 | | | 16B | 9 | | PRDB0TC | 02 | PR26BI | 01 | 1 | TDD | GI | | 25A | | |
| 61176 | | XA320 | 55 | | | XA339 | 23 | | | 16B | 9 | | PR13BQ | 02 | PR13BQ | 00 | 1 | TDD | KQ | | 29B | | |
| 61016 | | XA320 | 56 | | | XA323 | 59 | | | 16B | 9 | | PRCP60 | 04 | PR26BN | 01 | 1 | TDD | GN | | 26A | | |
| 64815 | | XA320 | 57 | | | | | | | | | | PR13BP | 01 | PR13BP | 00 | 1 | TDD | KP | | 30B | | |
| 60506 | | XA320 | 58 | | | | | | | | | | GND | 01 | | | | TDD | | | 40A | | |
| 64814 | | XA320 | 59 | | | | | | | | | | PR12BP | 01 | PR12BP | 00 | 1 | TDD | JP | | 31B | | |
| 61000 | | XA320 | 60 | | | XA321 | 60 | | | 16B | 9 | | PRCP30 | 03 | PR13BN | 01 | 1 | TDD | KN | | 28A | | |
| 61173 | | XA320 | 61 | | | XA339 | 07 | | | 16B | 9 | | PR12BQ | 02 | PR12BQ | 00 | 1 | TDD | JQ | | 32B | | |
| 61050 | | XA320 | 62 | | | XA321 | 71 | | | 16B | 9 | | PRDB4TB | 03 | PR13BI | 01 | 1 | TDD | KI | | 29A | | |
| 64014 | | XA320 | 63 | | | XA321 | 63 | | | 16B | 9 | | SPIO173 | 19 | PR12BQ | 01 | 1 | TDD | JQ | | 33B | | |
| 61107 | | XA320 | 64 | | | XA202 | 80 | | | 16B | 9 | | PRRS3A | 04 | PR13BP | 01 | 1 | TDD | KP | | 30A | | |
| 64037 | | XA320 | 65 | | | XA321 | 65 | | | 16B | 9 | | SPIO183 | 05 | PR23BQ | 01 | 1 | TDD | MQ | | 34B | | |
| 61106 | | XA320 | 66 | | | XA320 | 64 | | | 16B | 9 | | PRRS3A | 03 | PR12BP | 01 | 1 | TDD | JP | | 31A | | |
| 60507 | | XA320 | 67 | | | | | | | | | | GND | 01 | | | | TDD | | | 40B | | |
| 61045 | | XA320 | 68 | | | XA322 | 68 | | | 16B | 9 | | PRDB4TA | 03 | PR12BI | 01 | 1 | TDD | JT | | 32A | | |
| 64825 | | XA320 | 69 | | | | | | | | | | PR23BP | 01 | PR23BP | 00 | 1 | TDD | MP | | 35A | | |
| 60999 | | XA320 | 70 | | | XA320 | 60 | | | 16B | 9 | | PRCP30 | 02 | PR12BN | 01 | 1 | TDD | JN | | 33A | | |
| 61060 | | XA320 | 71 | | | XA322 | 71 | | | 16B | 9 | | PRDB4TD | 03 | PR23BI | 01 | 1 | TDD | MI | | 36A | | |
| 61009 | | XA320 | 72 | | | XA322 | 70 | | | 16B | 9 | | PRCP50 | 02 | PR23BN | 01 | 1 | TDD | MN | | 34A | | |
| 61117 | | XA320 | 73 | | | XA201 | 72 | | | 16B | 9 | | PRRS5A | 04 | PR23BP | 01 | 1 | TDD | MP | | 36B | | |
| 61207 | | XA320 | 74 | | | | | | | | | | PR23BQ | 03 | PR23BQ | 00 | 1 | TDD | MQ | | 35B | | |
| 61116 | | XA320 | 75 | | | XA320 | 73 | | | 16B | 9 | | PRRS5A | 03 | PR22BP | 01 | 1 | TDD | LP | | 37B | | |
| 64824 | | XA320 | 76 | | | | | | | | | | PR22BP | 01 | PR22BP | 00 | 1 | TDD | LP | | 37A | | |
| 61057 | | XA320 | 77 | | | | | | | | | | PRDB4TC | 05 | PR22BI | 01 | 1 | TDD | LI | | 38B | | |
| 61203 | | XA320 | 78 | | | XA339 | 41 | | | 16B | 9 | | PR22BQ | 02 | PR22BQ | 00 | 1 | TDD | LO | | 38A | | |
| 61008 | | XA320 | 79 | | | XA320 | 72 | | | 16B | 9 | | PRCP50 | 01 | PR22BN | 01 | 1 | TDD | LN | | 39B | | |
| 64021 | | XA320 | 80 | | | XA319 | 79 | | | 16B | 9 | | SPIO173 | 26 | PR22BQ | 01 | 1 | TDD | LO | | 39A | | |
| 63566 | | XA321 | 01 | | | | | | | | | | QONCKA | 02 | QONLNN | 01 | 1 | TDD | BN | | 02B | | |
| 60508 | | XA321 | 02 | | | | | | | | | | GND | 01 | | | | TDD | | | 01B | | |
| 63821 | | XA321 | 03 | | | XA320 | 03 | | | 16B | 9 | | SPIO053 | 10 | QONLNQ | 01 | 1 | TDD | BQ | | 02A | | |
| 61880 | | XA321 | 04 | | | | | | | | | | PXRS2B | 21 | QONLNP | 01 | 1 | TDD | BP | | 04A | | |
| CONNECTOR | | XA321 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA321
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 208

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|------|-------------|------|-------|--------|---------|----------|--------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SIZE | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 51358 | | XA321 | 05 | | XA320 | 05 | | | 168 | 9 | | PST11A | 03 | QONLNI | 01 | 1 | TDD | BI | 03B | | |
| 64001 | | XA321 | 06 | | XA322 | 15 | | | 168 | 9 | | SPIO173 | 06 | PX1MBP | 01 | 1 | TDD | AP | 05A | | |
| 53573 | | XA321 | 07 | | XA311 | 62 | | | 168 | 9 | | QONLNQ | 01 | QONLNQ | 00 | 1 | TDD | BQ | 03A | | |
| 62365 | | XA321 | 08 | | XA320 | 13 | | | 168 | 9 | | PX1MAQ | 01 | PX1MBI | 01 | 1 | TDD | AT | 06A | | |
| 53572 | | XA321 | 09 | | XA334 | 74 | | | 168 | 9 | | QONLNP | 04 | QONLNP | 00 | 1 | TDD | BP | 04B | | |
| 62458 | | XA321 | 10 | | XA320 | 10 | | | 168 | 9 | | P04MHO | 01 | PX1MBN | 01 | 1 | TDD | AN | 07A | | |
| 62370 | | XA321 | 11 | | | | | | | | | PX1MBP | 03 | PX1MBP | 00 | 1 | TDD | AP | 05B | | |
| 60093 | | XA321 | 12 | | | | | | | | | +5V | 01 | | | | TDD | | | | |
| 62372 | | XA321 | 13 | | XA306 | 05 | | | 168 | 9 | | PX1MBQ | 02 | PX1MBQ | 00 | 1 | TDD | AQ | 06B | SYNC CLOCK BIT 1 | |
| 60994 | | XA321 | 14 | | XA321 | 26 | | | 168 | 9 | | PRCP20 | 02 | PRO9BN | 01 | 1 | TDD | DN | 09A | | |
| 64049 | | XA321 | 15 | | XA322 | 17 | | | 168 | 9 | | SPIO183 | 17 | PX1MBQ | 01 | 1 | TDD | AQ | 07B | | |
| 60509 | | XA321 | 16 | | | | | | | | | GND | 01 | | | | TDD | | 20B | | |
| 64048 | | XA321 | 17 | | XA321 | 15 | | | 168 | 9 | | SPIO183 | 16 | PRO9BQ | 01 | 1 | TDD | DQ | 08B | | |
| 61029 | | XA321 | 18 | | XA320 | 34 | | | 168 | 9 | | PRDB0TB | 02 | PRO9BI | 01 | 1 | TDD | DI | 10A | | |
| 61164 | | XA321 | 19 | | XA338 | 23 | | | 168 | 9 | | PRO9BQ | 02 | PRO9BQ | 00 | 1 | TDD | DQ | 09B | | |
| 61100 | | XA321 | 20 | | XA321 | 22 | | | 168 | 9 | | PRRS2A | 02 | PRO9BP | 01 | 1 | TDD | DP | 11A | | |
| 64811 | | XA321 | 21 | | | | | | | | M | PRO9BP | 01 | PRO9BP | 00 | 1 | TDD | DP | 10B | | |
| 61101 | | XA321 | 22 | | XA322 | 22 | | | 168 | 9 | | PRRS2A | 03 | PRO8BP | 01 | 1 | TDD | CP | 12A | | |
| 64810 | | XA321 | 23 | | | | | | | | M | PRO8BP | 01 | PRO8BP | 00 | 1 | TDD | CP | 11B | | |
| 61024 | | XA321 | 24 | | XA320 | 40 | | | 168 | 9 | | PRDB0TA | 02 | PRO8BI | 01 | 1 | TDD | CI | 13A | | |
| 61161 | | XA321 | 25 | | XA338 | 07 | | | 168 | 9 | | PRO8BQ | 02 | PRO8BQ | 00 | 1 | TDD | CQ | 12B | | |
| 60995 | | XA321 | 26 | | XA322 | 26 | | | 168 | 9 | | PRCP20 | 03 | PRO8BN | 01 | 1 | TDD | CN | 14A | | |
| 64004 | | XA321 | 27 | | XA320 | 27 | | | 168 | 9 | | SPIO173 | 09 | PRO8BQ | 01 | 1 | TDD | CQ | 13B | | |
| 60094 | | XA321 | 28 | | | | | | | | | +5V | 01 | | | | TDD | | | | |
| 64047 | | XA321 | 29 | | XA321 | 17 | | | 168 | 9 | | SPIO183 | 15 | PR19BQ | 01 | 1 | TDD | FQ | 14B | | |
| 61003 | | XA321 | 30 | | XA320 | 30 | | | 168 | 9 | | PRCP40 | 01 | PR19BN | 01 | 1 | TDD | FN | 15A | | |
| 61194 | | XA321 | 31 | | XA337 | 09 | | | 168 | 9 | | PR19BQ | 02 | PR19BQ | 00 | 1 | TDD | FO | 15B | | |
| 60510 | | XA321 | 32 | | | | | | | | | GND | 01 | | | | TDD | | 21B | | |
| 64821 | | XA321 | 33 | | | | | | | | M | PR19BP | 01 | PR19BP | 00 | 1 | TDD | FP | 16B | | |
| 61040 | | XA321 | 34 | | XA320 | 48 | | | 168 | 9 | | PRDB0TD | 03 | PR19BI | 01 | 1 | TDD | EI | 16A | | |
| 64820 | | XA321 | 35 | | | | | | | | M | PR18BP | 01 | PR18BP | 00 | 1 | TDD | EP | 17B | | |
| 61109 | | XA321 | 36 | | XA321 | 38 | | | 168 | 9 | | PRRS4A | 01 | PR19BP | 01 | 1 | TDD | FP | 17A | | |
| 61191 | | XA321 | 37 | | XA338 | 41 | | | 168 | 9 | | PR18BQ | 02 | PR18BQ | 00 | 1 | TDD | EQ | 18B | | |
| 61110 | | XA321 | 38 | | XA320 | 38 | | | 168 | 9 | | PRRS4A | 02 | PR18BP | 01 | 1 | TDD | EP | 18A | | |
| 64008 | | XA321 | 39 | | XA322 | 39 | | | 168 | 9 | | SPIO173 | 13 | PR18BQ | 01 | 1 | TDD | EQ | 19B | | |
| 61035 | | XA321 | 40 | | XA322 | 24 | | | 168 | 9 | | PRDB0TC | 03 | PR18BI | 01 | 1 | TDD | EI | 19A | | |
| 64044 | | XA321 | 41 | | XA322 | 41 | | | 168 | 9 | | SPIO183 | 12 | PRO5BQ | 01 | 1 | TDD | HQ | 22B | | |
| 61006 | | XA321 | 42 | | XA323 | 47 | | | 168 | 9 | | PRCP40 | 04 | PR18BN | 01 | 1 | TDD | EN | 20A | | |
| 61152 | | XA321 | 43 | | XA339 | 19 | | | 168 | 9 | | PRO5BQ | 02 | PRO5BQ | 00 | 1 | TDD | HQ | 23B | | |
| 60511 | | XA321 | 44 | | | | | | | | | GND | 01 | | | | TDD | | 27A | | |
| 64807 | | XA321 | 45 | | | | | | | | M | PRO5BP | 01 | PRO5BP | 00 | 1 | TDD | HP | 24B | | |
| 60990 | | XA321 | 46 | | XA322 | 46 | | | 168 | 9 | | PRCP10 | 03 | PRO5BN | 01 | 1 | TDD | HN | 21A | | |
| 64806 | | XA321 | 47 | | | | | | | | M | PRO4BP | 01 | PRO4BP | 00 | 1 | TDD | GP | 25B | | |
| 61048 | | XA321 | 48 | | XA322 | 62 | | | 168 | 9 | | PRDB4TB | 01 | PRO5BI | 01 | 1 | TDD | HI | 22A | | |
| 61149 | | XA321 | 49 | | XA339 | 03 | | | 168 | 9 | | PRO4BQ | 02 | PRO4BQ | 00 | 1 | TDD | GO | 26B | | |
| 61097 | | XA321 | 50 | | XA202 | 72 | | | 168 | 9 | | PRRS1A | 04 | PRO5BP | 01 | 1 | TDD | HP | 23A | | |
| 64011 | | XA321 | 51 | | XA320 | 51 | | | 168 | 9 | | SPIO173 | 16 | PRO4BQ | 01 | 1 | TDD | GO | 27B | | |
| 61096 | | XA321 | 52 | | XA321 | 50 | | | 168 | 9 | | PRRS1A | 03 | PRO4BP | 01 | 1 | TDD | GP | 24A | | |
| 64041 | | XA321 | 53 | | XA320 | 53 | | | 168 | 9 | | SPIO183 | 09 | PR15BQ | 01 | 1 | TDD | KQ | 28B | | |
| 61047 | | XA321 | 54 | | | | | | | | | PRDB4TA | 05 | PRO4BI | 01 | 1 | TDD | GI | 25A | | |
| CONNECTOR XA321 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA321
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 209

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTORS | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|------|--------|-----------|-----|------|-------------|------|-------|-------|---------|--------|----------|------|---------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DATE | PREFIX | CONNECTOR | PIN | DATE | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 61182 | | XA321 | 55 | | | | | | | | | | PR15BQ | 02 | PR15BQ | 00 | 1 | TDD | KO | | 29B | | |
| 60989 | | XA321 | 56 | | | XA321 | 46 | | | 16B | 9 | | PRCP10 | 02 | PR048N | 01 | 1 | TDD | GN | | 26A | | |
| 64817 | | XA321 | 57 | | | | | | | | | | PR15BP | 01 | PR15BP | 00 | 1 | TDD | KP | | 30B | | |
| 60512 | | XA321 | 58 | | | | | | | | | GND | 01 | | | | | TDD | | | 40A | | |
| 64816 | | XA321 | 59 | | | | | | | | | | PR14BP | 01 | PR14BP | 00 | 1 | TDD | JP | | 31B | | |
| 61001 | | XA321 | 60 | | | XA323 | 33 | | | 16B | 9 | | PRCP30 | 04 | PR15BN | 01 | 1 | TDD | KN | | 28A | | |
| 61179 | | XA321 | 61 | | | XA339 | 39 | | | 16B | 9 | | PR14BQ | 02 | PR14BQ | 00 | 1 | TDD | JQ | | 32B | | |
| 61059 | | XA321 | 62 | | | XA320 | 71 | | | 16B | 9 | | PRDB4TD | 02 | PR15BI | 01 | 1 | TDD | KT | | 29A | | |
| 64015 | | XA321 | 63 | | | XA322 | 63 | | | 16B | 9 | | SPIO173 | 20 | PR14BQ | 01 | 1 | TDD | JQ | | 33B | | |
| 61104 | | XA321 | 64 | | | XA321 | 66 | | | 16B | 9 | | PRRS3A | 01 | PR15BP | 01 | 1 | TDD | KP | | 30A | | |
| 64038 | | XA321 | 65 | | | XA322 | 65 | | | 16B | 9 | | SPIO183 | 06 | PR29BQ | 01 | 1 | TDD | MQ | | 34B | | |
| 61105 | | XA321 | 66 | | | XA320 | 66 | | | 16B | 9 | | PRRS3A | 02 | PR14BP | 01 | 1 | TDD | JP | | 31A | | |
| 60513 | | XA321 | 67 | | | | | | | | | GND | 01 | | | | | TDD | | | 40B | | |
| 61055 | | XA321 | 68 | | | XA322 | 77 | | | 16B | 9 | | PRDB4TC | 03 | PR14BT | 01 | 1 | TDD | JT | | 32A | | |
| 64831 | | XA321 | 69 | | | | | | | | | | PR29BP | 01 | PR29BP | 00 | 1 | TDD | MP | | 35A | | |
| 60998 | | XA321 | 70 | | | XA320 | 70 | | | 16B | 9 | | PRCP30 | 01 | PR14BN | 01 | 1 | TDD | JN | | 33A | | |
| 61051 | | XA321 | 71 | | | XA337 | 79 | | | 16B | 9 | | PRDB4TB | 04 | PR29BI | 01 | 1 | TDD | MI | | 36A | | |
| 61020 | | XA321 | 72 | | | XA322 | 79 | | | 16B | 9 | | PRCP70 | 03 | PR29BN | 01 | 1 | TDD | MN | | 34A | | |
| 61127 | | XA321 | 73 | | | XA201 | 80 | | | 16B | 9 | | PRRS7A | 04 | PR29BP | 01 | 1 | TDD | MP | | 36B | | |
| 61224 | | XA321 | 74 | | | XA339 | 21 | | | 16B | 9 | | PR29BQ | 02 | PR29BQ | 00 | 1 | TDD | MQ | | 35B | | |
| 61126 | | XA321 | 75 | | | XA321 | 73 | | | 16B | 9 | | PRRS7A | 03 | PR28BP | 01 | 1 | TDD | LP | | 37B | | |
| 64830 | | XA321 | 76 | | | | | | | | | | PR28BP | 01 | PR28BP | 00 | 1 | TDD | LP | | 37A | | |
| 61044 | | XA321 | 77 | | | XA320 | 68 | | | 16B | 9 | | PRDB4TA | 02 | PR28BI | 01 | 1 | TDD | LI | | 38B | | |
| 61222 | | XA321 | 78 | | | | | | | | | | PR28BQ | 03 | PR28BQ | 00 | 1 | TDD | LO | | 38A | | |
| 61022 | | XA321 | 79 | | | | | | | | | | PRCP70 | 05 | PR28BN | 01 | 1 | TDD | LN | | 39B | | |
| 64020 | | XA321 | 80 | | | XA320 | 80 | | | 16B | 9 | | SPIO173 | 25 | PR28BQ | 01 | 1 | TDD | LO | | 39A | | |
| 60983 | | XA322 | 01 | | | XA322 | 10 | | | 16B | 9 | | PRCP00 | 01 | PROIBN | 01 | 1 | TDD | BN | | 02B | | |
| 60514 | | XA322 | 02 | | | | | | | | | GND | 01 | | | | | TDD | | | 01B | | |
| 64051 | | XA322 | 03 | | | XA326 | 03 | | | 16B | 9 | | SPIO183 | 19 | PRO1BQ | 01 | 1 | TDD | BQ | | 02A | | |
| 61083 | | XA322 | 04 | | | XA202 | 75 | | | 16B | 9 | | PRRS0A | 04 | PRO1BP | 01 | 1 | TDD | BP | | 04A | | |
| 61028 | | XA322 | 05 | | | XA321 | 18 | | | 16B | 9 | | PRDR0TB | 01 | PRO1BT | 01 | 1 | TDD | BT | | 03B | | |
| 61082 | | XA322 | 06 | | | XA322 | 04 | | | 16B | 9 | | PRRS0A | 03 | PRO0BP | 01 | 1 | TDD | AP | | 05A | | |
| 61140 | | XA322 | 07 | | | XA338 | 19 | | | 16B | 9 | | PRO1BQ | 02 | PRO1BQ | 00 | 1 | TDD | BQ | | 03A | | |
| 61023 | | XA322 | 08 | | | XA321 | 24 | | | 16B | 9 | | PRDR0TA | 01 | PRO0BT | 01 | 1 | TDD | AT | | 06A | | |
| 64803 | | XA322 | 09 | | | | | | | | | | PRO1BP | 01 | PRO1BP | 00 | 1 | TDD | BP | | 04B | | |
| 60984 | | XA322 | 10 | | | XA320 | 14 | | | 16B | 9 | | PRCP00 | 02 | PRO0BN | 01 | 1 | TDD | AN | | 07A | | |
| 64802 | | XA322 | 11 | | | | | | | | | | PRO0BP | 01 | PRO0BP | 00 | 1 | TDD | AP | | 05B | | |
| 60095 | | XA322 | 12 | | | | | | | | | +5V | 01 | | | | | TDD | | | | | |
| 61134 | | XA322 | 13 | | | XA338 | 03 | | | 16B | 9 | | PRO0BQ | 02 | PRO0BQ | 00 | 1 | TDD | AQ | | 06B | | |
| 60993 | | XA322 | 14 | | | XA321 | 14 | | | 16B | 9 | | PRCP20 | 01 | PR11BN | 01 | 1 | TDD | DN | | 09A | | |
| 64002 | | XA322 | 15 | | | XA322 | 27 | | | 16B | 9 | | SPIO173 | 07 | PRO0BQ | 01 | 1 | TDD | AQ | | 07B | | |
| 60515 | | XA322 | 16 | | | | | | | | | GND | 01 | | | | | TDD | | | 20B | | |
| 64050 | | XA322 | 17 | | | XA322 | 03 | | | 16B | 9 | | SPIO183 | 18 | PR11BQ | 01 | 1 | TDD | DQ | | 08B | | |
| 61038 | | XA322 | 18 | | | XA320 | 18 | | | 16B | 9 | | PRDR0TD | 01 | PR11BT | 01 | 1 | TDD | DT | | 10A | | |
| 61170 | | XA322 | 19 | | | XA337 | 07 | | | 16B | 9 | | PR11BQ | 02 | PR11BQ | 00 | 1 | TDD | DQ | | 09B | | |
| 61103 | | XA322 | 20 | | | | | | | | | | PRRS2A | 05 | PR11BP | 01 | 1 | TDD | DP | | 11A | | |
| 64813 | | XA322 | 21 | | | | | | | | | | PR11BP | 01 | PR11BP | 00 | 1 | TDD | DP | | 10B | | |
| 61102 | | XA322 | 22 | | | XA322 | 20 | | | 16B | 9 | | PRRS2A | 04 | PR10BP | 01 | 1 | TDD | CP | | 12A | | |
| CONNECTOR XA322 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA322
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 210

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | LCO NO | |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|--------|---------|----------|--------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|---------------|
| | PREFIX | CONNECTOR | PIN | SH FC | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | SPE INST MISC |
| 64812 | | XA322 | 23 | | | | | | | | | | M | PR10BP | 01 | PR10BP | 00 | 1 | TDD | CP | | 11B | | |
| 61036 | | XA322 | 24 | | | XA320 | 24 | | | 16B | 9 | | | PRDB0TC | 04 | PR10BI | 01 | 1 | TDD | CI | | 13A | | |
| 61167 | | XA322 | 25 | | | XA338 | 39 | | | 16B | 9 | | | PR10BQ | 02 | PR10BQ | 00 | 1 | TDD | CO | | 12B | | |
| 60996 | | XA322 | 26 | | | XA323 | 35 | | | 16B | 9 | | | PRCP20 | 04 | PR10BN | 01 | 1 | TDD | CN | | 14A | | |
| 64003 | | XA322 | 27 | | | XA321 | 27 | | | 16B | 9 | | | SPI0173 | 08 | PR10BQ | 01 | 1 | TDD | CQ | | 13B | | |
| 60096 | | XA322 | 28 | | | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 64046 | | XA322 | 29 | | | XA321 | 29 | | | 16B | 9 | | | SPI0183 | 14 | PR25BQ | 01 | 1 | TDD | FQ | | 14B | | |
| 61013 | | XA322 | 30 | | | XA322 | 42 | | | 16B | 9 | | | PRCP60 | 01 | PR25BN | 01 | 1 | TDD | FN | | 15A | | |
| 61212 | | XA322 | 31 | | | XA338 | 21 | | | 16B | 9 | | | PR25BQ | 02 | PR25BQ | 00 | 1 | TDD | FO | | 15B | | |
| 60516 | | XA322 | 32 | | | | | | | | | | | GND | 01 | | | | TDD | | | | 21B | |
| 64827 | | XA322 | 33 | | | | | | | | | | M | PR25BP | 01 | PR25BP | 00 | 1 | TDD | FP | | 16B | | |
| 61031 | | XA322 | 34 | | | XA337 | 61 | | | 16B | 9 | | | PRDB0TB | 04 | PR25BI | 01 | 1 | TDD | FI | | 16A | | |
| 64826 | | XA322 | 35 | | | | | | | | | | M | PR24BP | 01 | PR24BP | 00 | 1 | TDD | EP | | 17B | | |
| 61122 | | XA322 | 36 | | | XA201 | 69 | | | 16B | 9 | | | PRRS6A | 04 | PR25BP | 01 | 1 | TDD | FP | | 17A | | |
| 61209 | | XA322 | 37 | | | XA338 | 05 | | | 16B | 9 | | | PR24BQ | 02 | PR24BQ | 00 | 1 | TDD | EQ | | 18B | | |
| 61121 | | XA322 | 38 | | | XA322 | 36 | | | 16B | 9 | | | PRRS6A | 03 | PR24BP | 01 | 1 | TDD | EP | | 18A | | |
| 64009 | | XA322 | 39 | | | XA322 | 51 | | | 16B | 9 | | | SPI0173 | 14 | PR24BQ | 01 | 1 | TDD | EQ | | 19B | | |
| 61026 | | XA322 | 40 | | | XA337 | 55 | | | 16B | 9 | | | PRDB0TA | 04 | PR24BI | 01 | 1 | TDD | EI | | 19A | | |
| 64045 | | XA322 | 41 | | | XA322 | 29 | | | 16B | 9 | | | SPI0183 | 13 | PR07BQ | 01 | 1 | TDD | HQ | | 22B | | |
| 61014 | | XA322 | 42 | | | XA320 | 46 | | | 16B | 9 | | | PRCP60 | 02 | PR24BN | 01 | 1 | TDD | EN | | 20A | | |
| 61158 | | XA322 | 43 | | | XA337 | 19 | | | 16B | 9 | | | PR07BQ | 02 | PR07BQ | 00 | 1 | TDD | HQ | | 23B | | |
| 60517 | | XA322 | 44 | | | | | | | | | | | GND | 01 | | | | TDD | | | | 27A | |
| 64809 | | XA322 | 45 | | | | | | | | | | M | PR07BP | 01 | PR07BP | 00 | 1 | TDD | HP | | 24B | | |
| 60991 | | XA322 | 46 | | | XA323 | 21 | | | 16B | 9 | | | PRCP10 | 04 | PR07BN | 01 | 1 | TDD | HN | | 21A | | |
| 64808 | | XA322 | 47 | | | | | | | | | | M | PR06BP | 01 | PR06BP | 00 | 1 | TDD | GP | | 25B | | |
| 61058 | | XA322 | 48 | | | XA321 | 62 | | | 16B | 9 | | | PRDB4TD | 01 | PR07BI | 01 | 1 | TDD | HI | | 22A | | |
| 61155 | | XA322 | 49 | | | XA339 | 35 | | | 16B | 9 | | | PR06BQ | 02 | PR06BQ | 00 | 1 | TDD | GO | | 26B | | |
| 61094 | | XA322 | 50 | | | XA322 | 52 | | | 16B | 9 | | | PRRS1A | 01 | PR07BP | 01 | 1 | TDD | HP | | 23A | | |
| 64010 | | XA322 | 51 | | | XA321 | 51 | | | 16B | 9 | | | SPI0173 | 15 | PR06BQ | 01 | 1 | TDD | GO | | 27B | | |
| 61095 | | XA322 | 52 | | | XA321 | 52 | | | 16B | 9 | | | PRRS1A | 02 | PR06BP | 01 | 1 | TDD | GP | | 24A | | |
| 64040 | | XA322 | 53 | | | XA321 | 53 | | | 16B | 9 | | | SPI0183 | 08 | PR21BQ | 01 | 1 | TDD | KQ | | 28B | | |
| 61054 | | XA322 | 54 | | | XA321 | 68 | | | 16B | 9 | | | PRDB4TC | 02 | PR06BI | 01 | 1 | TDD | GI | | 25A | | |
| 61200 | | XA322 | 55 | | | XA339 | 25 | | | 16B | 9 | | | PR21BQ | 02 | PR21BQ | 00 | 1 | TDD | KQ | | 29B | | |
| 60988 | | XA322 | 56 | | | XA321 | 56 | | | 16B | 9 | | | PRCP10 | 01 | PR06BN | 01 | 1 | TDD | GN | | 26A | | |
| 64823 | | XA322 | 57 | | | | | | | | | | M | PR21BP | 01 | PR21BP | 00 | 1 | TDD | KP | | 30B | | |
| 60518 | | XA322 | 58 | | | | | | | | | | | GND | 01 | | | | TDD | | | | 40A | |
| 64822 | | XA322 | 59 | | | | | | | | | | M | PR20BP | 01 | PR20BP | 00 | 1 | TDD | JP | | 31B | | |
| 61011 | | XA322 | 60 | | | XA323 | 45 | | | 16B | 9 | | | PRCP50 | 04 | PR21BN | 01 | 1 | TDD | KN | | 28A | | |
| 61197 | | XA322 | 61 | | | XA339 | 09 | | | 16B | 9 | | | PR20BQ | 02 | PR20BQ | 00 | 1 | TDD | JO | | 32B | | |
| 61049 | | XA322 | 62 | | | XA320 | 62 | | | 16B | 9 | | | PRDB4TB | 02 | PR21BI | 01 | 1 | TDD | KI | | 29A | | |
| 64016 | | XA322 | 63 | | | XA323 | 74 | | | 16B | 9 | | | SPI0173 | 21 | PR20BQ | 01 | 1 | TDD | JO | | 33B | | |
| 61114 | | XA322 | 64 | | | XA322 | 66 | | | 16B | 9 | | | PRRS5A | 01 | PR21BP | 01 | 1 | TDD | KP | | 30A | | |
| 64039 | | XA322 | 65 | | | XA322 | 53 | | | 16B | 9 | | | SPI0183 | 07 | PR31BQ | 01 | 1 | TDD | MQ | | 34B | | |
| 61115 | | XA322 | 66 | | | XA320 | 75 | | | 16B | 9 | | | PRRS5A | 02 | PR20BP | 01 | 1 | TDD | JP | | 31A | | |
| 60519 | | XA322 | 67 | | | | | | | | | | | GND | 01 | | | | TDD | | | | 40B | |
| 61046 | | XA322 | 68 | | | XA321 | 54 | | | 16B | 9 | | | PRDB4TA | 04 | PR20BI | 01 | 1 | TDD | JT | | 32A | | |
| 64833 | | XA322 | 69 | | | | | | | | | | M | PR31BP | 01 | PR31BP | 00 | 1 | TDD | MP | | 35A | | |
| 61010 | | XA322 | 70 | | | XA322 | 60 | | | 16B | 9 | | | PRCP50 | 03 | PR20BN | 01 | 1 | TDD | IN | | 33A | | |
| 61061 | | XA322 | 71 | | | XA337 | 80 | | | 16B | 9 | | | PRDB4TD | 04 | PR31BI | 01 | 1 | TDD | MI | | 36A | | |
| 61019 | | XA322 | 72 | | | XA321 | 72 | | | 16B | 9 | | | PRCP70 | 02 | PR31BN | 01 | 1 | TDD | MN | | 34A | | |
| CONNECTOR XA322 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA322
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 211

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FTG | PREFIX | CONNECTOR | PIN | SH FTG | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 61124 | | XA322 | 73 | | | | | | | 16B | 9 | | PRRS7A | 01 | PR318P | 01 | 1 | TDD | MP | | 36B | | |
| 61231 | | XA322 | 74 | | XA322 | 75 | | | | | | | PR318Q | 03 | PR318Q | 00 | 1 | TDD | MQ | | 35B | | |
| 61125 | | XA322 | 75 | | XA321 | 75 | | | | 16B | 9 | | PRRS7A | 02 | PR30BP | 01 | 1 | TDD | LP | | 37B | | |
| 64832 | | XA322 | 76 | | | | | | | | | M | PR30BP | 01 | PR30BP | 00 | 1 | TDD | LP | | 37A | | |
| 61056 | | XA322 | 77 | | XA320 | 77 | | | | 16B | 9 | | PRDB4TC | 04 | PR30B1 | 01 | 1 | TDD | LI | | 38B | | |
| 61227 | | XA322 | 78 | | XA339 | 37 | | | | 16B | 9 | | PR30BQ | 02 | PR30BQ | 00 | 1 | TDD | LQ | | 38A | | |
| 61021 | | XA322 | 79 | | XA321 | 79 | | | | 16B | 9 | | PRCP70 | 04 | PR30BN | 01 | 1 | TDD | LN | | 39B | | |
| 64019 | | XA322 | 80 | | XA321 | 80 | | | | 16B | 9 | | SPI0173 | 24 | PR30BQ | 01 | 1 | TDD | LQ | | 39A | | |
| 61069 | | XA323 | 01 | | XA327 | 11 | | | | 16B | 9 | | PRJCTA | 01 | PEN110 | 01 | 1 | TD4 | A2 | | 02B | STATE 11 | |
| 60520 | | XA323 | 02 | | | | | | | | | | GND | 01 | | | | TD4 | | | 01A | | |
| 60238 | | XA323 | 03 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 62689 | | XA323 | 04 | | XA310 | 08 | | | | 16B | 9 | | QRJCTA | 02 | PEN110 | 01 | 2 | TD4 | A2 | | 04A | | |
| 62388 | | XA323 | 05 | | | | | | | | | | POFRTA | 02 | PEN110 | 01 | 3 | TD4 | A2 | | 03B | | |
| 61429 | | XA323 | 06 | | XA203 | 27 | | | | 16B | 9 | | PXARSA | 01 | PXRPS0 | 01 | 1 | TD4 | A1 | | 05A | | |
| 63559 | | XA323 | 07 | | XA319 | 09 | | | | 16B | 9 | | QOFRTA | 01 | PEN110 | 01 | 4 | TD4 | A2 | | 03A | | |
| 62003 | | XA323 | 08 | | XA330 | 26 | | | | 16B | 9 | | PXST1A | 01 | PXRPS0 | 01 | 2 | TD4 | A1 | | 06A | | |
| 60905 | | XA323 | 09 | | | | | | | | | | PEN110 | 02 | PEN110 | 00 | 1 | TD4 | A2 | | 04B | SUM. CONDITIONS T | |
| 63197 | | XA323 | 10 | | XA303 | 42 | | | | 16B | 9 | | QXST1A | 02 | PXRPS0 | 01 | 3 | TD4 | A1 | | 07A | | |
| 61782 | | XA323 | 11 | | XA202 | 35 | | | | 16B | 9 | | PXRPS0 | 01 | PXRPS0 | 00 | 1 | TD4 | A1 | | 05B | | |
| 60097 | | XA323 | 12 | | | | | | | | | | +5V | 01 | | | | TD4 | | | | | |
| 62786 | | XA323 | 13 | | XA203 | 36 | | | | 16B | 9 | | QXBRSA | 01 | PXRPS0 | 01 | 4 | TD4 | A1 | | 06B | | |
| 61662 | | XA323 | 14 | | | | | | | | | | PXED0A | 03 | PRCP10 | 01 | 1 | TD4 | B2 | | 09A | | |
| 60239 | | XA323 | 15 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 60521 | | XA323 | 16 | | | | | | | | | | GND | 01 | | | | TD4 | | | 20B | | |
| 60240 | | XA323 | 17 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 62330 | | XA323 | 18 | | XA323 | 24 | | | | 16B | 9 | | PXOD0A | 01 | PRCP10 | 01 | 2 | TD4 | B2 | | 10A | | |
| 62959 | | XA323 | 19 | | XA311 | 11 | | | | 16B | 9 | | QXED0A | 02 | PRCP10 | 01 | 3 | TD4 | B2 | | 09B | | |
| 63524 | | XA323 | 20 | | XA203 | 43 | | | | 16B | 9 | | QXOD0A | 02 | PRCP10 | 01 | 4 | TD4 | B2 | | 11A | | |
| 60992 | | XA323 | 21 | | | | | | | | | | PRCP10 | 05 | PRCP10 | 00 | 1 | TD4 | B2 | | 10B | | |
| 61661 | | XA323 | 22 | | XA323 | 14 | | | | 16B | 9 | | PXED0A | 02 | PRCP00 | 01 | 1 | TD4 | B1 | | 12A | | |
| 60987 | | XA323 | 23 | | | | | | | | | | PRCP00 | 05 | PRCP00 | 00 | 1 | TD4 | B1 | | 11B | | |
| 62331 | | XA323 | 24 | | XA336 | 31 | | | | 16B | 9 | | PXOD0A | 02 | PRCP00 | 01 | 2 | TD4 | B1 | | 13A | | |
| 62958 | | XA323 | 25 | | XA323 | 19 | | | | 16B | 9 | | QXED0A | 01 | PRCP00 | 01 | 3 | TD4 | B1 | | 12B | | |
| 63523 | | XA323 | 26 | | XA323 | 20 | | | | 16B | 9 | | QXOD0A | 01 | PRCP00 | 01 | 4 | TD4 | B1 | | 14A | | |
| 60241 | | XA323 | 27 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 60098 | | XA323 | 28 | | | | | | | | | | +5V | 01 | | | | TD4 | | | | | |
| 60242 | | XA323 | 29 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 61663 | | XA323 | 30 | | XA323 | 37 | | | | 16B | 9 | | PXED1A | 01 | PRCP30 | 01 | 1 | TD4 | C2 | | 15A | | |
| 62335 | | XA323 | 31 | | | | | | | | | | PXOD1A | 03 | PRCP30 | 01 | 2 | TD4 | C2 | | 15B | | |
| 60522 | | XA323 | 32 | | | | | | | | | | GND | 01 | | | | TD4 | | | 21B | | |
| 61002 | | XA323 | 33 | | | | | | | | | | PRCP30 | 05 | PRCP30 | 00 | 1 | TD4 | C2 | | 16B | | |
| 62962 | | XA323 | 34 | | XA311 | 09 | | | | 16B | 9 | | QXED1A | 02 | PRCP30 | 01 | 3 | TD4 | C2 | | 16A | | |
| 60997 | | XA323 | 35 | | | | | | | | | | PRCP20 | 05 | PRCP20 | 00 | 1 | TD4 | C1 | | 17B | | |
| 63527 | | XA323 | 36 | | XA203 | 51 | | | | 16B | 9 | | QXOD1A | 02 | PRCP30 | 01 | 4 | TD4 | C2 | | 17A | | |
| 61664 | | XA323 | 37 | | XA340 | 57 | | | | 16B | 9 | | PXED1A | 02 | PRCP20 | 01 | 1 | TD4 | C1 | | 18B | | |
| 62334 | | XA323 | 38 | | XA323 | 31 | | | | 16B | 9 | | PXOD1A | 02 | PRCP20 | 01 | 2 | TD4 | C1 | | 18A | | |
| 60243 | | XA323 | 39 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 62961 | | XA323 | 40 | | XA323 | 34 | | | | 16B | 9 | | QXED1A | 01 | PRCP20 | 01 | 3 | TD4 | C1 | | 19A | | |
| CONNECTOR (XA323) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA323
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 212

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | CKT OR CHIP TYPE | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | FCO NO |
|---|--------|-----------|-----|------|--------|-----------|-----|------|-------------|------|-------|---------|--------|--------|----------|------|------------------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SMFC | PREFIX | CONNECTOR | PIN | SMFC | MULTI GROUP | CODE | COLOR | IDENY | | | | | | | | | |
| 60244 | | XA323 | 41 | | | | | | | | | | DNW | 01 | | | | | | | |
| 63526 | | XA323 | 42 | | XA323 | 36 | | | 16B | 9 | | QX0D1A | 01 | PRCP20 | 01 4 | TD4 | | | 20A | | |
| 61666 | | XA323 | 43 | | XA323 | 49 | | | 16B | 9 | | PXED2A | 01 | PRCP50 | 01 1 | TD4 | 02 | | 23B | | |
| 60523 | | XA323 | 44 | | | | | | | | | GND | 01 | | | TD4 | | | 27A | | |
| 61012 | | XA323 | 45 | | | | | | | | | PRCP50 | 05 | PRCP50 | 00 1 | TD4 | 02 | | 24B | | |
| 62336 | | XA323 | 46 | | XA323 | 52 | | | 16B | 9 | | PX0D2A | 01 | PRCP50 | 01 2 | TD4 | 02 | | 21A | | |
| 61007 | | XA323 | 47 | | | | | | | | | PRCP40 | 05 | PRCP40 | 00 1 | TD4 | 01 | | 25B | | |
| 62965 | | XA323 | 48 | | XA311 | 23 | | | 16B | 9 | | QXED2A | 02 | PRCP50 | 01 3 | TD4 | 02 | | 22A | | |
| 61667 | | XA323 | 49 | | XA319 | 59 | | | 16B | 9 | | PXED2A | 02 | PRCP40 | 01 1 | TD4 | 01 | | 26B | | |
| 63530 | | XA323 | 50 | | XA203 | 64 | | | 16B | 9 | | QX0D2A | 02 | PRCP50 | 01 4 | TD4 | 02 | | 23A | | |
| 60245 | | XA323 | 51 | | | | | | | | | DNW | 01 | | | TD4 | | | | | |
| 62337 | | XA323 | 52 | | XA336 | 50 | | | 16B | 9 | | PX0D2A | 02 | PRCP40 | 01 2 | TD4 | 01 | | 24A | | |
| 60246 | | XA323 | 53 | | | | | | | | | DNW | 01 | | | TD4 | | | | | |
| 62964 | | XA323 | 54 | | XA323 | 48 | | | 16B | 9 | | QXED2A | 01 | PRCP40 | 01 3 | TD4 | 01 | | 25A | | |
| 61670 | | XA323 | 55 | | XA319 | 57 | | | 16B | 9 | | PXED3A | 02 | PRCP70 | 01 1 | TD4 | E2 | | 29B | | |
| 63529 | | XA323 | 56 | | XA323 | 50 | | | 16B | 9 | | QX0D2A | 01 | PRCP40 | 01 4 | TD4 | 01 | | 26A | | |
| 61018 | | XA323 | 57 | | XA322 | 72 | | | 16B | 9 | | PRCP70 | 01 | PRCP70 | 00 1 | TD4 | E2 | | 30B | | |
| 60524 | | XA323 | 58 | | | | | | | | | GND | 01 | | | TD4 | | | 40A | | |
| 61017 | | XA323 | 59 | | | | | | | | | PRCP60 | 05 | PRCP60 | 00 1 | TD4 | E1 | | 31B | | |
| 62339 | | XA323 | 60 | | XA323 | 66 | | | 16B | 9 | | PX0D3A | 01 | PRCP70 | 01 2 | TD4 | E2 | | 28A | | |
| 61669 | | XA323 | 61 | | XA323 | 55 | | | 16B | 9 | | PXED3A | 01 | PRCP60 | 01 1 | TD4 | E1 | | 32B | | |
| 62969 | | XA323 | 62 | | XA323 | 68 | | | 16B | 9 | | QXED3A | 03 | PRCP70 | 01 3 | TD4 | E2 | | 29A | | |
| 60247 | | XA323 | 63 | | | | | | | | | DNW | 01 | | | TD4 | | | | | |
| 63533 | | XA323 | 64 | | XA311 | 36 | | | 16B | 9 | | QX0D3A | 02 | PRCP70 | 01 4 | TD4 | E2 | | 30A | | |
| 60248 | | XA323 | 65 | | | | | | | | | DNW | 01 | | | TD4 | | | | | |
| 62340 | | XA323 | 66 | | XA325 | 63 | | | 16B | 9 | | PX0D3A | 02 | PRCP60 | 01 2 | TD4 | E1 | | 31A | | |
| 60525 | | XA323 | 67 | | | | | | | | | GND | 01 | | | TD4 | | | 40B | | |
| 62970 | | XA323 | 68 | | | | | | | | | QXED3A | 04 | PRCP60 | 01 3 | TD4 | E1 | | 32A | | |
| 64775 | | XA323 | 69 | | | | | | | | | SPO | 01 | | 00 1 | TD4 | F2 | | 35A | | |
| 63532 | | XA323 | 70 | | XA323 | 64 | | | 16B | 9 | | QX0D3A | 01 | PRCP60 | 01 4 | TD4 | E1 | | 33A | | |
| 63913 | | XA323 | 71 | | XA319 | 74 | | | 16B | 9 | | SPI0083 | 06 | | 01 1 | TD4 | F2 | | 36A | | |
| 63819 | | XA323 | 72 | | XA325 | 41 | | | 16B | 9 | | SPI0053 | 08 | | 01 2 | TD4 | F2 | | 34A | | |
| 64036 | | XA323 | 73 | | XA320 | 65 | | | 16B | 9 | | SPI0183 | 04 | | 01 3 | TD4 | F2 | | 36B | | |
| 64017 | | XA323 | 74 | | XA323 | 75 | | | 16B | 9 | | SPI0173 | 22 | | 01 4 | TD4 | F2 | | 35B | | |
| 64018 | | XA323 | 75 | | XA322 | 80 | | | 16B | 9 | | SPI0173 | 23 | | 01 1 | TD4 | F1 | | 37B | | |
| 64776 | | XA323 | 76 | | | | | | | | | SPO | 01 | | 00 1 | TD4 | F1 | | 37A | | |
| 63818 | | XA323 | 77 | | XA323 | 72 | | | 16B | 9 | | SPI0053 | 07 | | 01 2 | TD4 | F1 | | 38B | | |
| 64035 | | XA323 | 78 | | XA323 | 73 | | | 16B | 9 | | SPI0183 | 03 | | 01 3 | TD4 | F1 | | 38A | | |
| 63912 | | XA323 | 79 | | XA323 | 71 | | | 16B | 9 | | SPI0083 | 05 | | 01 4 | TD4 | F1 | | 39B | | |
| 60249 | | XA323 | 80 | | | | | | | | | DNW | 01 | | | TD4 | | | | | |
| 64339 | | XA324 | 01 | | | | | | | | | PXXA0Q | 05 | PSTRBA | 01 1 | TS8 | A1 | | 02B | | |
| 60526 | | XA324 | 02 | | | | | | | | | GND | 01 | | | TS8 | | | 01A | | |
| 64340 | | XA324 | 03 | | | | | | | | | DNW | 01 | | | TS8 | | | | | |
| 64341 | | XA324 | 04 | | | | | | | | | PXXA3Q | 05 | PSTRBA | 01 2 | TS8 | A1 | | 04A | | |
| 64342 | | XA324 | 05 | | XA324 | 36 | | | 16B | 9 | | PXXB20 | 002 | PSTRBA | 01 3 | TS8 | A1 | | 03B | | |
| 64343 | | XA324 | 06 | | XA324 | 34 | | | 16B | 9 | | PXDEVS | 002 | PSTRBA | 01 4 | TS8 | A1 | | 05A | | |
| 64344 | | XA324 | 07 | | XA324 | 38 | | | 16B | 9 | | PXROPA | 002 | PSTRBA | 01 5 | TS8 | A1 | | 03A | | A01 |
| 64345 | | XA324 | 08 | | XA324 | 24 | | | 16B | 9 | | SPI0253 | 09 | PSTRBA | 01 6 | TS8 | A1 | | 06A | | |
| CONNECTOR (XA324) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA324
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CFC5 DATE 09-03-82 PAGE 213

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|--------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH TO | PREFIX | CONNECTOR | PIN | SH TO | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 64346 | | XA324 | 09 | | | | | | | | | | DNW | 01 | | | TS8 | | | | | | |
| 64347 | | XA324 | 10 | | XA325 | 20 | | | | 16B | 9 | | SPIO263 | 11 | PSTRBA | 01 | 7 | TS8 | A1 | | 07A | | |
| 64348 | | XA324 | 11 | | XA327 | 59 | | | | 16B | 9 | | PSTRBA | 02 | PSTRBA | 00 | 1 | TS8 | A1 | | 05B | | |
| 60099 | | XA324 | 12 | | | | | | | | | +5V | 01 | | | | TS8 | | | | | | |
| 64349 | | XA324 | 13 | | XA324 | 26 | | | | 16B | 9 | | SPIO153 | 03 | PSTRBA | 01 | 8 | TS8 | A1 | | 06B | | |
| 64350 | | XA324 | 14 | | XA324 | 43 | | | | 16B | 9 | | QXXA00 | 00C | QSTRBA | 01 | 1 | TS8 | B1 | | 09A | | |
| 64351 | | XA324 | 15 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 60527 | | XA324 | 16 | | | | | | | | | GND | 01 | | | | TS8 | | | | 21B | | |
| 64352 | | XA324 | 17 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 64353 | | XA324 | 18 | | XA324 | 46 | | | | 16B | 9 | | QXXA30 | 002 | QSTRBA | 01 | 2 | TS8 | B1 | | 10A | | |
| 64354 | | XA324 | 19 | | XA324 | 49 | | | | 16B | 9 | | QXXB20 | 002 | QSTRBA | 01 | 3 | TS8 | B1 | | 09B | | |
| 64355 | | XA324 | 20 | | XA308 | 14 | | | | 16B | 9 | | QXDEVS | 004 | QSTRBA | 01 | 4 | TS8 | B1 | | 11A | | |
| 64356 | | XA324 | 21 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 64357 | | XA324 | 22 | | | | | | | | | QXROPA | 07 | QSTRBA | 01 | 5 | TS8 | B1 | | | 12A | | |
| 64358 | | XA324 | 23 | | | | | | | | | QSTRBA | 03 | QSTRBA | 00 | 1 | TS8 | B1 | | | 11B | | |
| 64359 | | XA324 | 24 | | XA324 | 40 | | | | 16B | 9 | | SPIO253 | 10 | QSTRBA | 01 | 6 | TS8 | B1 | | 13A | | |
| 64360 | | XA324 | 25 | | XA324 | 10 | | | | 16B | 9 | | SPIO263 | 10 | QSTRBA | 01 | 7 | TS8 | B1 | | 12B | | |
| 64361 | | XA324 | 26 | | XA324 | 61 | | | | 16B | 9 | | SPIO153 | 04 | QSTRBA | 01 | 8 | TS8 | B1 | | 14A | A01 | |
| 64362 | | XA324 | 27 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 60100 | | XA324 | 28 | | | | | | | | | +5V | 01 | | | | TS8 | | | | | | |
| 64363 | | XA324 | 29 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 64364 | | XA324 | 30 | | XA324 | 01 | | | | 16B | 9 | | PXXA00 | 04 | PX111A | 01 | 1 | TS8 | C1 | | 15A | | |
| 64365 | | XA324 | 31 | | XA324 | 04 | | | | 16B | 9 | | PXXA30 | 04 | PX111A | 01 | 2 | TS8 | C1 | | 15B | | |
| 60528 | | XA324 | 32 | | | | | | | | | GND | 01 | | | | TS8 | | | | 27A | | |
| 64366 | | XA324 | 33 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 64367 | | XA324 | 34 | | XA331 | 14 | | | | 16B | 9 | | PXDEVS | 004 | PX111A | 01 | 3 | TS8 | C1 | | 16A | | |
| 64368 | | XA324 | 35 | | XA335 | 76 | | | | 16B | 9 | | PX111A | 01 | PX111A | 00 | 1 | TS8 | C1 | | 17B | | |
| 64369 | | XA324 | 36 | | XA331 | 18 | | | | 16B | 9 | | PXXB20 | 004 | PX111A | 01 | 4 | TS8 | C1 | | 17A | | |
| 64370 | | XA324 | 37 | | XA324 | 50 | | | | 16B | 9 | | PS1110 | 04 | PX111A | 01 | 5 | TS8 | C1 | | 18B | | |
| 64371 | | XA324 | 38 | | XA333 | 64 | | | | 16B | 9 | | PXROPA | 004 | PX111A | 01 | 6 | TS8 | C1 | | 18A | | |
| 64372 | | XA324 | 39 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 64373 | | XA324 | 40 | | XA324 | 54 | | | | 16B | 9 | | SPIO253 | 11 | PX111A | 01 | 7 | TS8 | C1 | | 19A | | |
| 64374 | | XA324 | 41 | | | | | | | | | SPP | 01 | | | | TS8 | | | | | | |
| 64375 | | XA324 | 42 | | XA324 | 25 | | | | 16B | 9 | | SPT0263 | 09 | PX111A | 01 | 8 | TS8 | C1 | | 20A | | |
| 64376 | | XA324 | 43 | | XA309 | 68 | | | | 16B | 9 | | QXXA00 | 005 | QX111A | 01 | 1 | TS8 | D1 | | 23B | | |
| 60529 | | XA324 | 44 | | | | | | | | | GND | 01 | | | | TS8 | | | | 40A | | |
| 64377 | | XA324 | 45 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 64378 | | XA324 | 46 | | XA309 | 70 | | | | 16B | 9 | | QXXA30 | 004 | QX111A | 01 | 2 | TS8 | D1 | | 21A | | |
| 64379 | | XA324 | 47 | | | | | | | | | QX111A | 02 | QX111A | 00 | 1 | TS8 | D1 | | | 25B | | |
| 64380 | | XA324 | 48 | | XA324 | 20 | | | | 16B | 9 | | QXDEVS | 002 | QX111A | 01 | 3 | TS8 | D1 | | 22A | | |
| 64381 | | XA324 | 49 | | XA310 | 38 | | | | 16B | 9 | | QXXB20 | 004 | QX111A | 01 | 4 | TS8 | D1 | | 26B | | |
| 64382 | | XA324 | 50 | | | | | | | | | PS1110 | 05 | QX111A | 01 | 5 | TS8 | D1 | | | 23A | | |
| 64383 | | XA324 | 51 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 64384 | | XA324 | 52 | | XA324 | 22 | | | | 16B | 9 | | QXROPA | 06 | QX111A | 01 | 6 | TS8 | D1 | | 24A | | |
| 64385 | | XA324 | 53 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 64386 | | XA324 | 54 | | XA324 | 55 | | | | 16B | 9 | | SPIO253 | 12 | QX111A | 01 | 7 | TS8 | D1 | | 25A | | |
| 64387 | | XA324 | 55 | | XA324 | 71 | | | | 16B | 9 | | SPIO253 | 13 | | 01 | 1 | TS8 | E1 | | 29B | | |
| 64388 | | XA324 | 56 | | XA324 | 42 | | | | 16B | 9 | | SPT0263 | 08 | QX111A | 01 | 8 | TS8 | D1 | | 26A | | |
| 64389 | | XA324 | 57 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 60530 | | XA324 | 58 | | | | | | | | | GND | 01 | | | | TS8 | | | | | | |
| CONNECTOR XA324 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA324
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 214

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|------|--------|-----------|-----|------|-------------|------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SM/C | PREFIX | CONNECTOR | PIN | SM/C | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 64390 | | XA324 | 59 | | | | | | | | | SPO | 01 | | | 00 1 | TS8 | E1 | | 31B | | |
| 64391 | | XA324 | 60 | | XA 324 | 56 | | | 16B | 9 | | SPIO263 | 07 | | | 01 2 | TS8 | E1 | | 28A | | |
| 64392 | | XA324 | 61 | | XA 324 | 73 | | | 16B | 9 | | SPIO153 | 05 | | | 01 3 | TS8 | E1 | | 32B | | |
| 64393 | | XA324 | 62 | | XA 324 | 74 | | | 16B | 9 | | SPIO163 | 03 | | | 01 4 | TS8 | E1 | | 29A | | |
| 64394 | | XA324 | 63 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 64395 | | XA324 | 64 | | XA 324 | 75 | | | 16B | 9 | | SPIO233 | 05 | | | 01 5 | TS8 | E1 | | 30A | | |
| 64396 | | XA324 | 65 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 64397 | | XA324 | 66 | | XA 324 | 77 | | | 16B | 9 | | SPIO203 | 002 | | | 01 6 | TS8 | E1 | | 31A | | |
| 60531 | | XA324 | 67 | | | | | | | | | GND | 01 | | | | TS8 | | | | | |
| 64398 | | XA324 | 68 | | XA 544 | 63 | | | 16B | 9 | | SPIO193 | 36 | | | 01 7 | TS8 | E1 | | 32A | A05 | |
| 64399 | | XA324 | 69 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 64400 | | XA324 | 70 | | XA 324 | 79 | | | 16B | 9 | | SPIO183 | 022 | | | 01 8 | TS8 | E1 | | 33A | | |
| 64401 | | XA324 | 71 | | XA 325 | 62 | | | 16B | 9 | | SPIO253 | 14 | | | 01 1 | TS8 | F1 | | 36A | | |
| 64402 | | XA324 | 72 | | XA 324 | 60 | | | 16B | 9 | | SPIO263 | 06 | | | 01 2 | TS8 | F1 | | 34A | | |
| 64403 | | XA324 | 73 | | XA 337 | 48 | | | 16B | 9 | | SPIO153 | 06 | | | 01 3 | TS8 | F1 | | 36B | | |
| 64404 | | XA324 | 74 | | XA 337 | 42 | | | 16B | 9 | | SPIO163 | 04 | | | 01 4 | TS8 | F1 | | 35B | | |
| 64405 | | XA324 | 75 | | XA 317 | 66 | | | 16B | 9 | | SPIO233 | 06 | | | 01 5 | TS8 | F1 | | 37B | A03 | |
| 64406 | | XA324 | 76 | | | | | | | | | SPO | 01 | | | 00 1 | TS8 | F1 | | 37A | | |
| 64407 | | XA324 | 77 | | XA 331 | 70 | | | 16B | 9 | | SPIO203 | 004 | | | 01 6 | TS8 | F1 | | 38B | | |
| 64408 | | XA324 | 78 | | XA 324 | 68 | | | 16B | 9 | | SPIO193 | 35 | | | 01 7 | TS8 | F1 | | 38A | | |
| 64409 | | XA324 | 79 | | XA 323 | 78 | | | 16B | 9 | | SPIO183 | 024 | | | 01 8 | TS8 | F1 | | 39B | | |
| 64410 | | XA324 | 80 | | | | | | | | | SPP | 01 | | | | TS8 | | | | | |
| 62201 | | XA325 | 01 | | XA 326 | 23 | | | 16B | 9 | | PXXC3P | 01 | PXXD1N | 01 1 | TDD | BN | | 02B | | | |
| 60532 | | XA325 | 02 | | | | | | | | | GND | 01 | | | | TDD | | 01B | | | |
| 62220 | | XA325 | 03 | | XA 329 | 53 | | | 16B | 9 | | PXXD1A | 01 | PXXD1Q | 01 1 | TDD | BQ | | 02A | | | |
| 62179 | | XA325 | 04 | | XA 326 | 22 | | | 16B | 9 | | PXXCRO | 01 | PXXD1P | 01 1 | TDD | BP | | 04A | | | |
| 62272 | | XA325 | 05 | | | | | | | | | PXXD0Q | 10 | PXXD1I | 01 1 | TDD | BI | | 03B | | | |
| 61812 | | XA325 | 06 | | XA 326 | 15 | | | 16B | 9 | | PXRS0R | 13 | PXXC1P | 01 1 | TDD | AP | | 05A | | | |
| 62288 | | XA325 | 07 | | | | | | | | | PXXD1Q | 10 | PXXD1Q | 00 1 | TDD | BQ | | 03A | INPUT BYTE COUNT | | |
| 61696 | | XA325 | 08 | | XA 325 | 24 | | | 16B | 9 | | PXGN4A | 03 | PXXC1I | 01 1 | TDD | AI | | 06A | | | |
| 62278 | | XA325 | 09 | | | | | | | | | PXXD1P | 06 | PXXD1P | 00 1 | TDD | BP | | 04B | | | |
| 62209 | | XA325 | 10 | | | | | | | | | PXXC4P | 03 | PXXC1N | 01 1 | TDD | AN | | 07A | | | |
| 62171 | | XA325 | 11 | | | | | | | | | PXXC1P | 03 | PXXC1P | 00 1 | TDD | AP | | 05B | | | |
| 60101 | | XA325 | 12 | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 62173 | | XA325 | 13 | | XA 338 | 52 | | | 16B | 9 | | PXXC1Q | 02 | PXXC1Q | 00 1 | TDD | AQ | | 06B | DEV/OFR INDICATOR | | |
| 61629 | | XA325 | 14 | | XA 325 | 42 | | | 16B | 9 | | SPIO243 | 04 | | | 01 1 | TDD | DN | | 09A | | |
| 62168 | | XA325 | 15 | | | | | | | | | PXXC1A | 02 | PXXC1Q | 01 1 | TDD | AQ | | 07B | | | |
| 60533 | | XA325 | 16 | | | | | | | | | GND | 01 | | | | TDD | | 20B | | | |
| 63999 | | XA325 | 17 | | XA 320 | 06 | | | 16B | 9 | | SPIO173 | 04 | | | 01 1 | TDD | DQ | | 08B | | |
| 60740 | | XA325 | 18 | | XA 326 | 38 | | | 16B | 9 | | SPIO253 | 17 | | | 01 1 | TDD | DI | | 10A | | |
| 60737 | | XA325 | 19 | | | | | | | | | SPO | 01 | | | 00 1 | TDD | DQ | | 09B | | |
| 60813 | | XA325 | 20 | | XA 325 | 40 | | | 16B | 9 | | SPIO263 | 12 | | | 01 1 | TDD | DP | | 11A | | |
| 64789 | | XA325 | 21 | | | | | | | | | SPO | 01 | | | 00 1 | TDD | DP | | 10B | | |
| 61814 | | XA325 | 22 | | XA 203 | 22 | | | 16B | 9 | | PXRS0R | 15 | PXXRCP | 01 1 | TDD | CP | | 12A | | | |
| 64895 | | XA325 | 23 | | | | | | | | | PXXRCP | 01 | PXXRCP | 00 1 | TDD | CP | | 11B | | | |
| 61697 | | XA325 | 24 | | XA 326 | 77 | | | 16B | 9 | | PXGN4A | 04 | PXXRCI | 01 1 | TDD | CI | | 13A | | | |
| 62294 | | XA325 | 25 | | | | | | | | | PXXRCQ | 04 | PXXRCQ | 00 1 | TDD | CO | | 12B | REQUEST CONTROL F | | |
| 62315 | | XA325 | 26 | | XA 326 | 21 | | | 16B | 9 | | PXXR2P | 02 | PXXRCN | 01 1 | TDD | CN | | 14A | | | |
| CONNECTOR XA325 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA325
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 215

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|------|--------|-----------|-----|------|-------------|------|-------|-------|---------|--------|----------|------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DATE | PREFIX | CONNECTOR | PIN | DATE | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 62289 | | XA325 | 27 | | | XA335 | 63 | | | 16B | 9 | | PXXRCA | 01 | PXXRCO | 01 | 1 | TDD | CO | | 13B | | |
| 60102 | | XA325 | 28 | | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 64055 | | XA325 | 29 | | | XA326 | 41 | | | 16B | 9 | | SPI0183 | 23 | PDLQ1Q | 01 | 1 | TDD | FQ | | 14B | | |
| 60774 | | XA325 | 30 | | | XA326 | 30 | | | 16B | 9 | | PDLCKA | 04 | PDLQ1N | 01 | 1 | TDD | FN | | 15A | | |
| 60787 | | XA325 | 31 | | | | | | | | | | PDLQ1Q | 02 | PDLQ1Q | 00 | 1 | TDD | FQ | | 15B | | |
| 60534 | | XA325 | 32 | | | | | | | | | | GND | 01 | | | | TDD | | | 21B | | |
| 64792 | | XA325 | 33 | | | | | | | | | M | PDLQ1P | 01 | PDLQ1P | 00 | 1 | TDD | FP | | 16B | | |
| 60794 | | XA325 | 34 | | | XA326 | 46 | | | 16B | 9 | | PDLQ5P | 01 | PDLQ1I | 01 | 1 | TDD | FI | | 16A | | |
| 64790 | | XA325 | 35 | | | | | | | | | | SPO | 01 | | | | TDD | EP | | 17B | | |
| 60969 | | XA325 | 36 | | | XA326 | 36 | | | 16B | 9 | | PQDLCA | 06 | PDLQ1P | 01 | 1 | TDD | FP | | 17A | | |
| 60760 | | XA325 | 37 | | | | | | | | | | SPO | 01 | | | | TDD | EQ | | 18B | | |
| 60812 | | XA325 | 38 | | | XA325 | 18 | | | 16B | 9 | | SPI0253 | 16 | | | | TDD | EP | | 18A | | |
| 63998 | | XA325 | 39 | | | XA325 | 17 | | | 16B | 9 | | SPI0173 | 03 | | | | TDD | EQ | | 19B | | |
| 61728 | | XA325 | 40 | | | XA325 | 64 | | | 16B | 9 | | SPI0263 | 13 | | | | TDD | FI | | 19A | | |
| 63820 | | XA325 | 41 | | | XA321 | 03 | | | 16B | 9 | | SPI0053 | 09 | PLPTSQ | 01 | 1 | TDD | HQ | | 22B | | |
| 61627 | | XA325 | 42 | | | XA325 | 60 | | | 16B | 9 | | SPI0263 | 05 | | | | TDD | FN | | 20A | | |
| 64797 | | XA325 | 43 | | | | | | | | | M | PLPTSQ | 01 | PLPTSQ | 00 | 1 | TDD | HQ | | 23B | | |
| 60535 | | XA325 | 44 | | | | | | | | | | GND | 01 | | | | TDD | | | 27A | | |
| 60926 | | XA325 | 45 | | | XA209 | 59 | | | 16B | 9 | | PLPTSP | 01 | PLPTSP | 00 | 1 | TDD | HP | | 24B | | |
| 60933 | | XA325 | 46 | | | XA326 | 61 | | | 16B | 9 | | PLPT4Q | 02 | PLPTSQ | 01 | 1 | TDD | HN | | 21A | | |
| 64794 | | XA325 | 47 | | | | | | | | | M | PDLQ3P | 01 | PDLQ3P | 00 | 1 | TDD | GP | | 25B | | |
| 64057 | | XA325 | 48 | | | XA326 | 53 | | | 16B | 9 | | SPI0183 | 25 | PLPTSI | 01 | 1 | TDD | HI | | 22A | | |
| 60791 | | XA325 | 49 | | | | | | | | | | PDLQ3Q | 02 | PDLQ3Q | 00 | 1 | TDD | GO | | 26B | | |
| 61363 | | XA325 | 50 | | | XA327 | 27 | | | 16B | 9 | | PST110 | 03 | PLPTSP | 01 | 1 | TDD | HP | | 23A | | |
| 63997 | | XA325 | 51 | | | XA325 | 39 | | | 16B | 9 | | SPI0173 | 02 | PDLQ3Q | 01 | 1 | TDD | GQ | | 27B | | |
| 60968 | | XA325 | 52 | | | XA325 | 36 | | | 16B | 9 | | PQDLCA | 05 | PDLQ3P | 01 | 1 | TDD | GP | | 24A | | |
| 64098 | | XA325 | 53 | | | XA327 | 62 | | | 16B | 9 | | SPI0193 | 25 | | | | TDD | KQ | | 28B | | |
| 60788 | | XA325 | 54 | | | XA326 | 31 | | | 16B | 9 | | PDLQ2Q | 01 | PDLQ3I | 01 | 1 | TDD | GI | | 25A | | |
| 61064 | | XA325 | 55 | | | | | | | | | | SPO | 01 | | | | TDD | KO | | 29B | | |
| 60773 | | XA325 | 56 | | | XA325 | 30 | | | 16B | 9 | | PDLCKA | 03 | PDLQ3N | 01 | 1 | TDD | GN | | 26A | | |
| 64801 | | XA325 | 57 | | | | | | | | | | SPO | 01 | | | | TDD | KP | | 30B | | |
| 60536 | | XA325 | 58 | | | | | | | | | | GND | 01 | | | | TDD | | | 40A | | |
| 64799 | | XA325 | 59 | | | | | | | | | M | PLTS1P | 01 | PLTS1P | 00 | 1 | TDD | JP | | 31B | | |
| 61626 | | XA325 | 60 | | | XA326 | 42 | | | 16B | 9 | | SPI0243 | 06 | | | | TDD | KN | | 28A | | |
| 60944 | | XA325 | 61 | | | | | | | | | | PLTS1Q | 02 | PLTS1Q | 00 | 1 | TDD | JO | | 32B | | |
| 61068 | | XA325 | 62 | | | XA325 | 38 | | | 16B | 9 | | SPI0253 | 15 | | | | TDD | KI | | 29A | | |
| 82341 | | XA325 | 63 | | | XA336 | 43 | | | 16B | 9 | | PX003A | 03 | PLTS1Q | 01 | 1 | TDD | JK | | 33B | | |
| 62593 | | XA325 | 64 | | | XA326 | 40 | | | 16B | 9 | | SPI0263 | 14 | | | | TDD | KP | | 30A | | |
| 64034 | | XA325 | 65 | | | XA324 | 70 | | | 16B | 9 | | SPI0183 | 02 | PSTR2Q | 01 | 1 | TDD | MQ | | 34B | | |
| 61802 | | XA325 | 66 | | | XA326 | 66 | | | 16B | 9 | | PXRS0B | 03 | PLTS1P | 01 | 1 | TDD | JP | | 31A | | |
| 60537 | | XA325 | 67 | | | | | | | | | | GND | 01 | | | | TDD | | | 40B | | |
| 61699 | | XA325 | 68 | | | XA329 | 62 | | | 16B | 9 | | PXGN4A | 06 | PLTS1I | 01 | 1 | TDD | JI | | 32A | | |
| 61300 | | XA325 | 69 | | | | | | | | | | PSTR2P | 02 | PSTR2P | 00 | 1 | TDD | MP | | 35A | | |
| 60931 | | XA325 | 70 | | | | | | | | | | PLPT1A | 04 | PLTS1N | 01 | 1 | TDD | JN | | 33A | | |
| 61303 | | XA325 | 71 | | | XA328 | 27 | | | 16B | 9 | | PSTR90 | 01 | PSTR2I | 01 | 1 | TDD | MI | | 36A | | |
| 61625 | | XA325 | 72 | | | XA325 | 79 | | | 16B | 9 | | PX1110 | 01 | PSTR2N | 01 | 1 | TDD | MN | | 34A | | |
| 62594 | | XA325 | 73 | | | | | | | | | | QDVCLA | 06 | PSTR2P | 01 | 1 | TDD | MP | | 36B | | |
| 64835 | | XA325 | 74 | | | | | | | | | M | PSTR2Q | 01 | PSTR2Q | 00 | 1 | TDD | MQ | | 35B | | |
| 61800 | | XA325 | 75 | | | XA326 | 75 | | | 16B | 9 | | PXRS0B | 01 | PSTR1P | 01 | 1 | TDD | LP | | 37B | | |
| 61297 | | XA325 | 76 | | | XA209 | 77 | | | 16B | 9 | | PSTR1P | 01 | PSTR1P | 00 | 1 | TDD | LP | | 37A | | |
| CONNECTOR XA325 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA325
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 216

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|-----|--------|-----------|-----|------|-------------|------|-------|--------|---------|----------|--------|--------|------------------|-------|---------------------|-------------|-----|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SIZE | MULTI GROUP | CODE | COLOR | | | | | | | | | IDENT | AND | | |
| 61302 | | XA325 | 77 | | | | | | | | | PSTR80 | 02 | PSTR1I | 01 | 1 | TDD | LI | 38B | | | |
| 64834 | | XA325 | 78 | | | | | | | | | PSTR1Q | 01 | PSTR1Q | 00 | 1 | TDD | LQ | 38A | | | |
| 61624 | | XA325 | 79 | | XA335 | 80 | | | 16B | 9 | | PX1110 | 02 | PSTR1N | 01 | 1 | TDD | LN | 39B | | | |
| 64107 | | XA325 | 80 | | XA324 | 78 | | | 16B | 9 | | SPI0193 | 34 | PSTR1Q | 01 | 1 | TDD | LQ | 39A | | | |
| 62101 | | XA326 | 01 | | XA329 | 30 | | | 16B | 9 | | PXXBKO | 01 | PXXBON | 01 | 1 | TDD | BN | 02B | | | |
| 60538 | | XA326 | 02 | | | | | | | | | GND | 01 | | | | TDD | | 01B | | | |
| 64052 | | XA326 | 03 | | XA326 | 17 | | | 16B | 9 | | SPI0183 | 20 | PXXB0Q | 01 | 1 | TDD | BQ | 02A | | | |
| 62095 | | XA326 | 04 | | XA329 | 36 | | | 16B | 9 | | PXXRCA | 01 | PXXBOP | 01 | 1 | TDD | BP | 04A | | | |
| 62137 | | XA326 | 05 | | XA330 | 33 | | | 16B | 9 | | PXXB2P | 01 | PXXB0I | 01 | 1 | TDD | BI | 03B | | | |
| 62046 | | XA326 | 06 | | | | | | | | | PXXADA | 02 | PXXACP | 01 | 1 | TDD | AP | 05A | | | |
| 62117 | | XA326 | 07 | | | | | | | | | PXXB0Q | 04 | PXXB0Q | 00 | 1 | TDD | BQ | 03A | | | |
| 64079 | | XA326 | 08 | | XA326 | 27 | | | 16B | 9 | | SPI0193 | 06 | PXXACI | 01 | 1 | TDD | AI | 06A | | I/O BYTE COUNTER | |
| 62110 | | XA326 | 09 | | XA334 | 29 | | | 16B | 9 | | PXXB0P | 01 | PXXBOP | 00 | 1 | TDD | BP | 04B | | | |
| 62070 | | XA326 | 10 | | XA329 | 18 | | | 16B | 9 | | PXXA3P | 01 | PXXACN | 01 | 1 | TDD | AN | 07A | | | |
| 62042 | | XA326 | 11 | | | | | | | | | PXXACP | 05 | PXXACP | 00 | 1 | TDD | AP | 05B | | | |
| 60103 | | XA326 | 12 | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 64889 | | XA326 | 13 | | | | | | | | | PXXACQ | 01 | PXXACQ | 00 | 1 | TDD | AQ | 06B | | I/O STATE COUNTER | |
| 62510 | | XA326 | 14 | | XA202 | 22 | | | 16B | 9 | | P16MHO | 07 | PXXR2N | 01 | 1 | TDD | DN | 09A | | | |
| 61813 | | XA326 | 15 | | XA325 | 22 | | | 16B | 9 | | PXRS0B | 14 | PXXACQ | 01 | 1 | TDD | AQ | 07B | | | |
| 60539 | | XA326 | 16 | | | | | | | | | GND | 01 | | | | TDD | | 20B | | | |
| 64053 | | XA326 | 17 | | XA326 | 29 | | | 16B | 9 | | SPI0183 | 21 | PXXR2Q | 01 | 1 | TDD | DQ | 08B | | | |
| 62312 | | XA326 | 18 | | XA329 | 74 | | | 16B | 9 | | PXXR1Q | 05 | PXXR2I | 01 | 1 | TDD | DI | 10A | | | |
| 64898 | | XA326 | 19 | | | | | | | | | PXXR2Q | 01 | PXXR2Q | 00 | 1 | TDD | DQ | 09B | | REQUEST STROBE CQ | |
| 62293 | | XA326 | 20 | | XA325 | 25 | | | 16B | 9 | | PXXRCQ | 03 | PXXR2P | 01 | 1 | TDD | DP | 11A | | | |
| 62316 | | XA326 | 21 | | | | | | | | | PXXR2P | 03 | PXXR2P | 00 | 1 | TDD | DP | 10B | | | |
| 62180 | | XA326 | 22 | | XA333 | 23 | | | 16B | 9 | | PXXCRO | 02 | PXXC3P | 01 | 1 | TDD | CP | 12A | | | |
| 62202 | | XA326 | 23 | | XA330 | 60 | | | 16B | 9 | | PXXC3P | 02 | PXXC3P | 00 | 1 | TDD | CP | 11B | | | |
| 62197 | | XA326 | 24 | | XA329 | 43 | | | 16B | 9 | | PXXC2Q | 02 | PXXC3I | 01 | 1 | TDD | CI | 13A | | | |
| 62205 | | XA326 | 25 | | XA330 | 48 | | | 16B | 9 | | PXXC3Q | 01 | PXXC3Q | 00 | 1 | TDD | CQ | 12B | | INPUT STROBE COUN | |
| 62516 | | XA326 | 26 | | XA202 | 14 | | | 16B | 9 | | P16MIO | 05 | PXXC3N | 01 | 1 | TDD | CN | 14A | | | |
| 64080 | | XA326 | 27 | | XA327 | 25 | | | 16B | 9 | | SPI0193 | 07 | PXXC3Q | 01 | 1 | TDD | CQ | 13B | | | |
| 60104 | | XA326 | 28 | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 64054 | | XA326 | 29 | | XA325 | 29 | | | 16B | 9 | | SPI0183 | 22 | PDLQ2Q | 01 | 1 | TDD | FQ | 14B | | | |
| 60775 | | XA326 | 30 | | XA328 | 01 | | | 16B | 9 | | PDLCKA | 05 | PDLQ2N | 01 | 1 | TDD | FN | 15A | | | |
| 60789 | | XA326 | 31 | | | | | | | | | PDLQ2Q | 02 | PDLQ2Q | 00 | 1 | TDD | FQ | 15B | | | |
| 60540 | | XA326 | 32 | | | | | | | | | GND | 01 | | | | TDD | | 21B | | | |
| 64793 | | XA326 | 33 | | | | | | | | | PDLQ2P | 01 | PDLQ2P | 00 | 1 | TDD | FP | 16B | | | |
| 60786 | | XA326 | 34 | | XA325 | 31 | | | 16B | 9 | | PDLQ1Q | 01 | PDLQ2I | 01 | 1 | TDD | FI | 16A | | | |
| 64791 | | XA326 | 35 | | | | | | | | | SPO | 01 | | | | TDD | EP | 17B | | | |
| 60970 | | XA326 | 36 | | XA327 | 01 | | | 16B | 9 | | PDDLCA | 07 | PDLQ2P | 01 | 1 | TDD | FP | 17A | | | |
| 60766 | | XA326 | 37 | | | | | | | | | SPO | 01 | | | | TDD | EQ | 18B | | | |
| 60811 | | XA326 | 38 | | XA544 | 53 | | | 16B | 9 | | SPI0253 | 18 | | | | TDD | EP | 18A | | A03 | |
| 64096 | | XA326 | 39 | | XA326 | 51 | | | 16B | 9 | | SPI0193 | 23 | | | | TDD | EQ | 19B | | | |
| 60769 | | XA326 | 40 | | XA547 | 71 | | | 16B | 9 | | SPI0263 | 15 | | | | TDD | ET | 19A | | A03 | |
| 64056 | | XA326 | 41 | | XA325 | 48 | | | 16B | 9 | | SPI0183 | 24 | PDLQ6Q | 01 | 1 | TDD | HQ | 22B | | | |
| 61628 | | XA326 | 42 | | XA347 | 77 | | | 16B | 9 | | SPI0243 | 07 | | | | TDD | FN | 20A | | A03 | |
| 60802 | | XA326 | 43 | | | | | | | | | PDLQ6Q | 02 | PDLQ6Q | 00 | 1 | TDD | HO | 23B | | | |
| 60541 | | XA326 | 44 | | | | | | | | | GND | 01 | | | | TDD | | 27A | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA326
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1F5 DATE 09-03-82 PAGE 217

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | F. FACTOR | CHK OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------|--------|----------|------|-----------|------------------|-------|---------------------|--------------------|------------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH TO | PREFIX | CONNECTOR | PIN | SH TO | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 60800 | | XA326 | 45 | | | | | | | | | | PDLQ6P | 02 | PDLQ6P | 00 | 1 | TDD | HP | | 24B | | |
| 60795 | | XA326 | 46 | | XA329 | 76 | | | | 16B | 9 | | PDLQ5P | 02 | PDLQ6N | 01 | 1 | TDD | HN | | 21A | | |
| 64795 | | XA326 | 47 | | | | | | | | | | PDLQ4P | 01 | PDLQ4P | 00 | 1 | TDD | GP | | 25B | | |
| 60798 | | XA326 | 48 | | | | | | | | | | PDLQ6A | 02 | PDLQ6I | 01 | 1 | TDD | HI | | 22A | | |
| 60793 | | XA326 | 49 | | | | | | | | | | PDLQ4Q | 02 | PDLQ4Q | 00 | 1 | TDD | GQ | | 26B | | |
| 60966 | | XA326 | 50 | | XA326 | 52 | | | | 16B | 9 | | PDLQ6P | 03 | PDLQ6P | 01 | 1 | TDD | HP | | 23A | | |
| 64097 | | XA326 | 51 | | XA325 | 53 | | | | 16B | 9 | | SPIO193 | 24 | PDLQ4Q | 01 | 1 | TDD | GQ | | 27B | | |
| 60967 | | XA326 | 52 | | XA325 | 52 | | | | 16B | 9 | | PDLQ4Q | 04 | PDLQ4P | 01 | 1 | TDD | GP | | 24A | | |
| 64058 | | XA326 | 53 | | XA327 | 55 | | | | 16B | 9 | | SPIO183 | 26 | PLTS20 | 01 | 1 | TDD | KO | | 28B | | |
| 60790 | | XA326 | 54 | | XA325 | 49 | | | | 16B | 9 | | PDLQ3Q | 01 | PDLQ4I | 01 | 1 | TDD | GI | | 25A | | |
| 60946 | | XA326 | 55 | | | | | | | | | | PLTS2Q | 02 | PLTS2Q | 00 | 1 | TDD | KQ | | 29B | | |
| 60772 | | XA326 | 56 | | XA325 | 56 | | | | 16B | 9 | | PDLQ4N | 02 | PDLQ4N | 01 | 1 | TDD | GN | | 26A | | |
| 64800 | | XA326 | 57 | | | | | | | | | | PLTS2P | 01 | PLTS2P | 00 | 1 | TDD | KP | | 30B | | |
| 60542 | | XA326 | 58 | | | | | | | | | | GND | 01 | | | | TDD | | | 40A | | |
| 64798 | | XA326 | 59 | | | | | | | | | | PLPT4P | 01 | PLPT4P | 00 | 1 | TDD | JP | | 31B | | |
| 61519 | | XA326 | 60 | | XA304 | 42 | | | | 16B | 9 | | PXCP1B | 04 | PLTS2N | 01 | 1 | TDD | KN | | 28A | | |
| 60934 | | XA326 | 61 | | | | | | | | | | PLPT4Q | 03 | PLPT4Q | 00 | 1 | TDD | JO | | 32B | | |
| 60943 | | XA326 | 62 | | XA325 | 61 | | | | 16B | 9 | | PLTS1Q | 01 | PLTS2I | 01 | 1 | TDD | KI | | 29A | | |
| 60930 | | XA326 | 63 | | XA325 | 70 | | | | 16B | 9 | | PLPT1A | 03 | PLPT4Q | 01 | 1 | TDD | JO | | 33B | | |
| 61804 | | XA326 | 64 | | XA329 | 64 | | | | 16B | 9 | | PXRS0B | 05 | PLTS2P | 01 | 1 | TDD | KP | | 30A | | |
| 64033 | | XA326 | 65 | | XA325 | 65 | | | | 16B | 9 | | SPIO183 | 01 | PE0B0Q | 01 | 1 | TDD | MQ | | 34B | | |
| 61803 | | XA326 | 66 | | XA326 | 64 | | | | 16B | 9 | | PXRS0B | 04 | PLPT4P | 01 | 1 | TDD | JP | | 31A | | |
| 60543 | | XA326 | 67 | | | | | | | | | | GND | 01 | | | | TDD | | | 40B | | |
| 64109 | | XA326 | 68 | | | | | | | | | | QXGN5A | 10 | PLPT4I | 01 | 1 | TDD | JL | | 32A | A05 | |
| 60912 | | XA326 | 69 | | XA209 | 65 | | | | 16B | 9 | | PE0B0P | 02 | PE0B0P | 00 | 1 | TDD | MP | | 35A | | |
| 61641 | | XA326 | 70 | | XA333 | 57 | | | | 16B | 9 | | PXEAOA | 02 | PLPT4N | 01 | 1 | TDD | JN | | 33A | | |
| 64108 | | XA326 | 71 | | XA315 | 52 | | | | 16B | 9 | | PEBCT5U | 01 | PE0B0I | 01 | 1 | TDD | MI | | 36A | CPU-A | |
| 60843 | | XA326 | 72 | | | | | | | | | | PXE010 | 02 | PE0B0N | 01 | 1 | TDD | MN | | 34A | | |
| 60863 | | XA326 | 73 | | XA209 | 80 | | | | 16B | 9 | | PEBSRA | 01 | PE0B0P | 01 | 1 | TDD | MP | | 36B | | |
| 60915 | | XA326 | 74 | | | | | | | | | | PE0B0Q | 02 | PE0B0Q | 00 | 1 | TDD | MQ | | 35B | | |
| 61801 | | XA326 | 75 | | XA325 | 66 | | | | 16B | 9 | | PXRS0B | 02 | PXXREP | 01 | 1 | TDD | LP | | 37B | | |
| 62300 | | XA326 | 76 | | | | | | | | | | PXXREP | 04 | PXXREP | 00 | 1 | TDD | LP | | 37A | | |
| 61698 | | XA326 | 77 | | XA325 | 68 | | | | 16B | 9 | | PXGN4A | 05 | PXXREI | 01 | 1 | TDD | LI | | 38B | | |
| 64896 | | XA326 | 78 | | XA338 | 18 | | | | 16B | 9 | | PXXREQ | 02 | PXXREQ | 00 | 1 | TDD | LQ | | 38A | REQUEST ENABLE F/A05 | |
| 61640 | | XA326 | 79 | | XA326 | 70 | | | | 16B | 9 | | PXEAOA | 01 | PXXREN | 01 | 1 | TDD | LN | | 39B | | |
| 62303 | | XA326 | 80 | | | | | | | | | | PXXROP | 02 | PXXREQ | 01 | 1 | TDD | LQ | | 39A | | |
| 60971 | | XA327 | 01 | | | | | | | | | | PQDLCA | 08 | PQDLCA | 00 | 1 | TQ2 | A2 | | 02B | START REQ. DELAY | |
| 60544 | | XA327 | 02 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01A | | |
| 61750 | | XA327 | 03 | | XA317 | 07 | | | | 16B | 9 | | PXRAF5T | 01 | PREL90 | 01 | 1 | TQ2 | A3 | | 02A | | |
| 62305 | | XA327 | 04 | | XA329 | 71 | | | | 16B | 9 | | PXXR0Q | 02 | PQDLCA | 01 | 1 | TQ2 | A2 | | 04A | | |
| 64077 | | XA327 | 05 | | XA327 | 07 | | | | 16B | 9 | | SPIO193 | 04 | PQDLCA | 01 | 2 | TQ2 | A2 | | 03B | | |
| 60949 | | XA327 | 06 | | XA209 | 35 | | | | 16B | 9 | | PNLCA | 01 | PNLCA | 00 | 1 | TQ2 | A1 | | 05A | VALID COMMAND, CPU/A05 | |
| 64078 | | XA327 | 07 | | XA326 | 08 | | | | 16B | 9 | | SPIO193 | 05 | PREL90 | 01 | 2 | TQ2 | A3 | | 03A | | |
| 62176 | | XA327 | 08 | | XA333 | 09 | | | | 16B | 9 | | PXXCIO | 01 | PNLCA | 01 | 1 | TQ2 | A1 | | 06A | | |
| 61067 | | XA327 | 09 | | | | | | | | | | PREL90 | 02 | PREL90 | 00 | 1 | TQ2 | A3 | | 04B | | |
| 62409 | | XA327 | 10 | | XA320 | 07 | | | | 16B | 9 | | PONLNQ | 04 | PNLCA | 01 | 2 | TQ2 | A1 | | 07A | | |
| 61070 | | XA327 | 11 | | XA332 | 19 | | | | 16B | 9 | | PRJCTA | 02 | PRJ100 | 01 | 1 | TQ2 | A4 | | 05B | | |
| 60105 | | XA327 | 12 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| CONNECTOR (XA327) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA327
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 218

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | LCO NO |
|--|--------|-----------|-----|--------|-----------|-----|------|-------------|------|-------|--------|---------|----------|--------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SIZE | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 61352 | | XA327 | 13 | | XA328 | 65 | | | 16B | 9 | | PST10A | 03 | PRJ100 | 01 | 2 | TQ2 | A4 | 06B | | |
| 61130 | | XA327 | 14 | | | | | | | | | PRTDEA | 02 | PRTDEA | 00 | 1 | TQ2 | B2 | 09A | ENABLE DATA TO RE | |
| 61073 | | XA327 | 15 | | | | | | | | | PRJ100 | 02 | PRJ100 | 00 | 1 | TQ2 | A4 | 07B | DATA REJECT, CPU- | |
| 60545 | | XA327 | 16 | | | | | | | | | GND | 01 | | | | TQ2 | | 01B | | |
| 61769 | | XA327 | 17 | | XA328 | 10 | | | 16B | 9 | | SPI0193 | 01 | | 01 | 1 | TQ2 | B3 | 08B | | A05 |
| 61645 | | XA327 | 18 | | XA328 | 18 | | | 16B | 9 | | PXEA00 | 01 | PRTDEA | 01 | 1 | TQ2 | B2 | 10A | | |
| 62344 | | XA327 | 19 | | | | | | | | | SPI0053 | 29 | | 01 | 2 | TQ2 | B3 | 09B | | A05 |
| 61339 | | XA327 | 20 | | XA310 | 05 | | | 16B | 9 | | PST070 | 02 | PRTDEA | 01 | 2 | TQ2 | B2 | 11A | | |
| 61136 | | XA327 | 21 | | | | | | | | | SPO | 01 | | 00 | 1 | TQ2 | B3 | 10B | | A05 |
| 61075 | | XA327 | 22 | | XA307 | 24 | | | 16B | 9 | | PRQ0F0 | 02 | PRQ0F0 | 00 | 1 | TQ2 | B1 | 12A | ENABLE INDICATOR | |
| 61357 | | XA327 | 23 | | XA321 | 05 | | | 16B | 9 | | PST11A | 02 | PST110 | 01 | 1 | TQ2 | B4 | 11B | | |
| 62456 | | XA327 | 24 | | XA331 | 74 | | | 16B | 9 | | P0304A | 02 | PRQ0F0 | 01 | 1 | TQ2 | B1 | 13A | CPU | |
| 64081 | | XA327 | 25 | | XA328 | 19 | | | 16B | 9 | | SPI0193 | 08 | PST110 | 01 | 2 | TQ2 | B4 | 12B | | |
| 62479 | | XA327 | 26 | | | | | | | | | P0910A | 03 | PRQ0F0 | 01 | 2 | TQ2 | B1 | 14A | | |
| 61364 | | XA327 | 27 | | | | | | | | | PST110 | 04 | PST110 | 00 | 1 | TQ2 | B4 | 13B | STATE 11 | |
| 60106 | | XA327 | 28 | | | | | | | | | +5V | 01 | | | | TQ2 | | | | |
| 62408 | | XA327 | 29 | | XA327 | 10 | | | 16B | 9 | | PONLNG | 03 | PWRITA | 01 | 1 | TQ2 | C3 | 14B | | |
| 61369 | | XA327 | 30 | | XA305 | 31 | | | 16B | 9 | | PST480 | 02 | PST480 | 00 | 1 | TQ2 | C2 | 15A | STATE 4 OR 8 | |
| 61331 | | XA327 | 31 | | XA307 | 19 | | | 16B | 9 | | PST050 | 02 | PWRITA | 01 | 2 | TQ2 | C3 | 15B | | |
| 60546 | | XA327 | 32 | | | | | | | | | GND | 01 | | | | TQ2 | | 20B | | |
| 61382 | | XA327 | 33 | | | | | | | | | PWRITA | 02 | PWRITA | 00 | 1 | TQ2 | C3 | 16B | STATE 5, CPU-A SE | |
| 61278 | | XA327 | 34 | | XA316 | 17 | | | 16B | 9 | | PSTDE4T | 02 | PST480 | 01 | 1 | TQ2 | C2 | 16A | | |
| 61242 | | XA327 | 35 | | XA315 | 38 | | | 16B | 9 | | PSTCT1U | 02 | PSC000 | 01 | 1 | TQ2 | C4 | 17B | | |
| 61287 | | XA327 | 36 | | XA328 | 77 | | | 16B | 9 | | PSTDE8T | 02 | PST480 | 01 | 2 | TQ2 | C2 | 17A | | |
| 64095 | | XA327 | 37 | | XA326 | 39 | | | 16B | 9 | | SPI0193 | 22 | PSC000 | 01 | 2 | TQ2 | C4 | 18B | | |
| 61366 | | XA327 | 38 | | XA311 | 64 | | | 16B | 9 | | PST390 | 02 | PST390 | 00 | 1 | TQ2 | C1 | 18A | STATE 3 OR 9 | |
| 61232 | | XA327 | 39 | | XA319 | 14 | | | 16B | 9 | | PSC000 | 01 | PSC000 | 00 | 1 | TQ2 | C4 | 19B | BIT 1, STATE COUNT | |
| 61275 | | XA327 | 40 | | XA316 | 13 | | | 16B | 9 | | PSTDE3T | 02 | PST390 | 01 | 1 | TQ2 | C1 | 19A | | |
| 60850 | | XA327 | 41 | | | | | | | | | PEBCTTC | 02 | PEBCCA | 01 | 1 | TQ2 | D3 | 22B | | |
| 61290 | | XA327 | 42 | | XA319 | 26 | | | 16B | 9 | | PSTDE9T | 02 | PST390 | 01 | 2 | TQ2 | C1 | 20A | | |
| 64094 | | XA327 | 43 | | XA327 | 37 | | | 16B | 9 | | SPI0193 | 21 | PEBCCA | 01 | 2 | TQ2 | D3 | 23B | | |
| 60547 | | XA327 | 44 | | | | | | | | | GND | 01 | | | | TQ2 | | 21B | | |
| 60831 | | XA327 | 45 | | XA312 | 33 | | | 16B | 9 | | PEBCCA | 02 | PEBCCA | 00 | 1 | TQ2 | D3 | 24B | | |
| 60828 | | XA327 | 46 | | XA338 | 50 | | | 16B | 9 | | PEBCBA | 02 | PEBCBA | 00 | 1 | TQ2 | D2 | 21A | | |
| 60851 | | XA327 | 47 | | XA338 | 80 | | | 16B | 9 | | PEBCTTD | 01 | PEBCDA | 01 | 1 | TQ2 | D4 | 25B | | |
| 60847 | | XA327 | 48 | | XA338 | 79 | | | 16B | 9 | | PEBCTTB | 01 | PEBCBA | 01 | 1 | TQ2 | D2 | 22A | | |
| 64090 | | XA327 | 49 | | XA327 | 50 | | | 16B | 9 | | SPI0193 | 17 | PEBCDA | 01 | 2 | TQ2 | D4 | 26B | | |
| 64091 | | XA327 | 50 | | XA328 | 49 | | | 16B | 9 | | SPI0193 | 18 | PEBCBA | 01 | 2 | TQ2 | D2 | 23A | | |
| 60834 | | XA327 | 51 | | XA338 | 17 | | | 16B | 9 | | PEBCDA | 02 | PEBCDA | 00 | 1 | TQ2 | D4 | 27B | | |
| 60825 | | XA327 | 52 | | XA313 | 17 | | | 16B | 9 | | PEBCAA | 02 | PEBCAA | 00 | 1 | TQ2 | D1 | 24A | | |
| 64089 | | XA327 | 53 | | XA327 | 49 | | | 16B | 9 | | SPI0193 | 16 | QXGN5A | 01 | 1 | TQ2 | E3 | 28B | | |
| 60846 | | XA327 | 54 | | | | | | | | | PEBCTTA | 02 | PEBCAA | 01 | 1 | TQ2 | D1 | 25A | | |
| 64059 | | XA327 | 55 | | XA327 | 64 | | | 16B | 9 | | SPI0183 | 27 | QXGN5A | 01 | 2 | TQ2 | E3 | 29B | | |
| 64088 | | XA327 | 56 | | XA327 | 53 | | | 16B | 9 | | SPI0193 | 15 | PEBCBA | 01 | 2 | TQ2 | D1 | 26A | | |
| 63008 | | XA327 | 57 | | XA326 | 68 | | | 16B | 9 | | QXGN5A | 09 | QXGN5A | 00 | 1 | TQ2 | E3 | 30B | | A05 |
| 60548 | | XA327 | 58 | | | | | | | | | GND | 01 | | | | TQ2 | | 27A | | |
| 64060 | | XA327 | 59 | | | | | | | | | PSTRBA | 03 | PEBCKO | 01 | 1 | TQ2 | E4 | 31B | | |
| 62988 | | XA327 | 60 | | XA316 | 63 | | | 16B | 9 | | QXGN4A | 01 | QXGN4A | 00 | 1 | TQ2 | E2 | 28A | | |
| 64099 | | XA327 | 61 | | XA208 | 54 | | | 16B | 9 | | PXEB1A | 03 | PEBCKO | 01 | 2 | TQ2 | E4 | 32B | | |
| 64100 | | XA327 | 62 | | XA328 | 64 | | | 16B | 9 | | SPI0193 | 27 | QXGN4A | 01 | 1 | TQ2 | E2 | 29A | | |
| CONNECTOR XA327 CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA327
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 219

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------|-------------|------|-------|--------|---------|----------|--------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | DR EG | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 64777 | | XA327 | 63 | | XA209 | 53 | | | 16B | 9 | | PEBCK0 | 01 | PEBCK0 | 00 | 1 | TQ2 | E4 | 33B | | |
| 64061 | | XA327 | 64 | | XA327 | 68 | | | 16B | 9 | | SPI0183 | 29 | QXGN4A | 01 | 2 | TQ2 | E2 | 30A | | |
| 63199 | | XA327 | 65 | | XA304 | 37 | | | 16B | 9 | | QXST1Q | 01 | QXST1A | 01 | 1 | TQ2 | F3 | 34B | | |
| 62984 | | XA327 | 66 | | XA314 | 34 | | | 16B | 9 | | QXGN1A | 03 | QXGN1A | 00 | 1 | TQ2 | E1 | 31A | | |
| 60549 | | XA327 | 67 | | | | | | | | | GND | 01 | | | | TQ2 | | 40A | | |
| 64062 | | XA327 | 68 | | XA329 | 65 | | | 16B | 9 | | SPI0183 | 30 | QXGN1A | 01 | 1 | TQ2 | F1 | 32A | | |
| 63196 | | XA327 | 69 | | XA323 | 10 | | | 16B | 9 | | QXST1A | 01 | QXST1A | 00 | 1 | TQ2 | F3 | 35A | | |
| 64103 | | XA327 | 70 | | XA327 | 73 | | | 16B | 9 | | SPI0193 | 30 | QXGN1A | 01 | 2 | TQ2 | E1 | 33A | | |
| 63115 | | XA327 | 71 | | XA315 | 29 | | | 16B | 9 | | QXR097T | 01 | QXSST0 | 01 | 1 | TQ2 | F2 | 36A | | |
| 63189 | | XA327 | 72 | | XA308 | 37 | | | 16B | 9 | | QXSST0 | 01 | QXSST0 | 00 | 1 | TQ2 | F2 | 34A | | |
| 64104 | | XA327 | 73 | | XA327 | 79 | | | 16B | 9 | | SPI0193 | 31 | QXSST0 | 01 | 2 | TQ2 | F2 | 36B | | |
| 61536 | | XA327 | 74 | | XA328 | 37 | | | 16B | 9 | | PXCP3B | 05 | QXST1A | 01 | 2 | TQ2 | F3 | 35B | | |
| 63094 | | XA327 | 75 | | XA324 | 52 | | | 16B | 9 | | QXROPA | 05 | QXROPA | 00 | 1 | TQ2 | F1 | 37B | | |
| 63237 | | XA327 | 76 | | | | | | | | | QXXACO | 02 | QXXACA | 01 | 1 | TQ2 | F4 | 37A | | |
| 63095 | | XA327 | 77 | | XA318 | 56 | | | 16B | 9 | | QXROPPR | 01 | QXROPA | 01 | 1 | TQ2 | F1 | 38B | | |
| 64106 | | XA327 | 78 | | XA325 | 80 | | | 16B | 9 | | SPI0193 | 33 | QXXACA | 01 | 2 | TQ2 | F4 | 38A | | |
| 64105 | | XA327 | 79 | | XA327 | 78 | | | 16B | 9 | | SPI0193 | 32 | QXROPA | 01 | 2 | TQ2 | F1 | 39B | | |
| 63229 | | XA327 | 80 | | XA311 | 42 | | | 16B | 9 | | QXXACA | 01 | QXXACA | 00 | 1 | TQ2 | F4 | 39A | | |
| 60776 | | XA328 | 01 | | | | | | | | | PDLCKA | 06 | PDLCKA | 00 | 1 | TQ2 | A2 | 02B | 1 MHZ CLOCK, REQUE | |
| 60550 | | XA328 | 02 | | | | | | | | | GND | 01 | | | | TQ2 | | 01A | | |
| 60801 | | XA328 | 03 | | XA326 | 43 | | | 16B | 9 | | PDL06Q | 01 | PDL06A | 01 | 1 | TQ2 | A3 | 02A | | |
| 62522 | | XA328 | 04 | | XA330 | 59 | | | 16B | 9 | | P20DLP | 01 | PDLCKA | 01 | 1 | TQ2 | A2 | 04A | TIMER | |
| 62371 | | XA328 | 05 | | XA321 | 13 | | | 16B | 9 | | PX1MRQ | 01 | PDLCKA | 01 | 2 | TQ2 | A2 | 03B | | |
| 60768 | | XA328 | 06 | | XA311 | 55 | | | 16B | 9 | | PDER90 | 01 | PDER90 | 00 | 1 | TQ2 | A1 | 05A | | |
| 64076 | | XA328 | 07 | | XA327 | 05 | | | 16B | 9 | | SPI0193 | 03 | PDLQ6A | 01 | 2 | TQ2 | A3 | 03A | | |
| 61915 | | XA328 | 08 | | XA317 | 23 | | | 16B | 9 | | PXRO95T | 01 | PDER90 | 01 | 1 | TQ2 | A1 | 06A | | |
| 60797 | | XA328 | 09 | | XA326 | 48 | | | 16B | 9 | | PDL06A | 01 | PDL06A | 00 | 1 | TQ2 | A3 | 04B | | |
| 64075 | | XA328 | 10 | | XA328 | 07 | | | 16B | 9 | | SPI0193 | 02 | PDER90 | 01 | 2 | TQ2 | A1 | 07A | | |
| 61074 | | XA328 | 11 | | XA327 | 22 | | | 16B | 9 | | PRQ0F0 | 01 | PDVOFA | 01 | 1 | TQ2 | A4 | 05B | OR | |
| 60107 | | XA328 | 12 | | | | | | | | | +5V | 01 | | | | TQ2 | | | | |
| 63584 | | XA328 | 13 | | XA319 | 49 | | | 16B | 9 | | QONL10 | 03 | PDVOFA | 01 | 2 | TQ2 | A4 | 06B | | |
| 60942 | | XA328 | 14 | | | | | | | | | PLTE0A | 02 | PLTE0A | 00 | 1 | TQ2 | B2 | 09A | ENABLE DATA TO SE | |
| 60821 | | XA328 | 15 | | | | | | | | | PDVOFA | 02 | PDVOFA | 00 | 1 | TQ2 | A4 | 07B | CPU-A RECEIVING.S | |
| 60551 | | XA328 | 16 | | | | | | | | | GND | 01 | | | | TQ2 | | 01B | | |
| 61754 | | XA328 | 17 | | | | | | | | | PXRAF6T | 03 | PSTR80 | 01 | 1 | TQ2 | B3 | 08B | | |
| 61646 | | XA328 | 18 | | XA341 | 15 | | | 16B | 9 | | PXEAO0 | 02 | PLTE0A | 01 | 1 | TQ2 | B2 | 10A | TEST1 | |
| 64082 | | XA328 | 19 | | XA328 | 25 | | | 16B | 9 | | SPI0193 | 09 | PSTR80 | 01 | 2 | TQ2 | B3 | 09B | | |
| 60932 | | XA328 | 20 | | XA325 | 46 | | | 16B | 9 | | PLPT4Q | 01 | PLTE0A | 01 | 2 | TQ2 | B2 | 11A | | |
| 61301 | | XA328 | 21 | | XA325 | 77 | | | 16B | 9 | | PSTR80 | 01 | PSTR80 | 00 | 1 | TQ2 | B3 | 10B | | |
| 60822 | | XA328 | 22 | | XA333 | 04 | | | 16B | 9 | | PDVONA | 01 | PDVONA | 00 | 1 | TQ2 | B1 | 12A | CPU-A SENDING, SE | |
| 61755 | | XA328 | 23 | | XA317 | 11 | | | 16B | 9 | | PXRAF7T | 01 | PSTR90 | 01 | 1 | TQ2 | B4 | 11B | | |
| 62417 | | XA328 | 24 | | XA319 | 43 | | | 16B | 9 | | PONL10 | 03 | PDVONA | 01 | 1 | TQ2 | B1 | 13A | | |
| 64083 | | XA328 | 25 | | XA328 | 31 | | | 16B | 9 | | SPI0193 | 10 | PSTR90 | 01 | 2 | TQ2 | B4 | 12B | | |
| 61078 | | XA328 | 26 | | XA307 | 20 | | | 16B | 9 | | PRQON0 | 02 | PDVONA | 01 | 2 | TQ2 | B1 | 14A | | |
| 61304 | | XA328 | 27 | | | | | | | | | PSTR90 | 02 | PSTR90 | 00 | 1 | TQ2 | B4 | 13B | | |
| 60108 | | XA328 | 28 | | | | | | | | | +5V | 01 | | | | TQ2 | | | | |
| 63371 | | XA328 | 29 | | | | | | | | | QXXCIO | 03 | QXXCIA | 01 | 1 | TQ2 | C3 | 14B | | |
| 62319 | | XA328 | 30 | | | | | | | | | PXX04A | 03 | PXX04A | 00 | 1 | TQ2 | C2 | 15A | | |
| CONNECTOR XA328 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

H78-14 1234

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA328
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 220

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SPEC. MISC. | SIGNAL | SEQ NO. | EQUATION | TERM. | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | FCO NO. |
|---------------|--------|-----------|-----|------------|--------|-----------|-----|------------|-------------|------|-------|-------------|---------|---------|----------|-------|--------|------------------|-------|---------------------|-------------|----------|--------------------|---------|
| | PREFIX | CONNECTOR | PIN | DRILL DIA. | PREFIX | CONNECTOR | PIN | DRILL DIA. | MULTI GROUP | CODE | COLOR | | | | | | | | | | IDENT. | AND | | |
| 64084 | | XA328 | 31 | | XA328 | 42 | | | | 16B | 9 | | SPI0193 | 11 | QXXCIA | 01 | 2 | TQ2 | C3 | | 15B | | | |
| 60552 | | XA328 | 32 | | | | | | | | | | GND | 01 | | | | TQ2 | | | | 20B | | |
| 63360 | | XA328 | 33 | | XA304 | 51 | | | | 16B | 9 | | QXXCIA | 01 | QXXCIA | 00 | 1 | TQ2 | C3 | | 16B | | | |
| 62118 | | XA328 | 34 | | XA335 | 38 | | | | 16B | 9 | | PXXB00 | 01 | PXX04A | 01 | 1 | TQ2 | C2 | | 16A | | | |
| 61740 | | XA328 | 35 | | XA329 | 07 | | | | 16B | 9 | | PXIR1Q | 01 | PXIRIA | 01 | 1 | TQ2 | C4 | | 17B | | | |
| 62078 | | XA328 | 36 | | XA335 | 21 | | | | 16B | 9 | | PXXA40 | 01 | PXX04A | 01 | 2 | TQ2 | C2 | | 17A | | | |
| 61537 | | XA328 | 37 | | XA332 | 49 | | | | 16B | 9 | | PXCP3B | 06 | PXIRIA | 01 | 2 | TQ2 | C4 | | 18B | | | |
| 61385 | | XA328 | 38 | | XA340 | 49 | | | | 16B | 9 | | PWRIT0 | 03 | PWRIT0 | 00 | 1 | TQ2 | C1 | | 18A | | | |
| 61737 | | XA328 | 39 | | XA330 | 01 | | | | 16B | 9 | | PXIRIA | 02 | PXIRIA | 00 | 1 | TQ2 | C4 | | 19B | | | |
| 61381 | | XA328 | 40 | | XA327 | 33 | | | | 16B | 9 | | PWRITA | 01 | PWRIT0 | 01 | 1 | TQ2 | C1 | | 19A | | | |
| 61273 | | XA328 | 41 | | | | | | | | | | PSTDE2T | 04 | PST020 | 01 | 1 | TQ2 | D3 | | 22B | | | |
| 64085 | | XA328 | 42 | | XA328 | 50 | | | | 16B | 9 | | SPI0193 | 12 | PWRIT0 | 01 | 2 | TQ2 | C1 | | 20A | | | |
| 64093 | | XA328 | 43 | | XA327 | 43 | | | | 16B | 9 | | SPI0193 | 20 | PST020 | 01 | 2 | TQ2 | D3 | | 23B | | | |
| 60553 | | XA328 | 44 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 21B | | | |
| 61319 | | XA328 | 45 | | XA207 | 68 | | | | 16B | 9 | | PST020 | 03 | PST020 | 00 | 1 | TQ2 | D3 | | 24B | STATE 2 | | |
| 61314 | | XA328 | 46 | | | | | | | | | | PST010 | 06 | PST010 | 00 | 1 | TQ2 | D2 | | 21A | STATE 1 | | |
| 61274 | | XA328 | 47 | | XA327 | 40 | | | | 16B | 9 | | PSTDE3T | 01 | PST030 | 01 | 1 | TQ2 | D4 | | 25B | | | |
| 61269 | | XA328 | 48 | | | | | | | | | | PSTDE1T | 03 | PST010 | 01 | 1 | TQ2 | D2 | | 22A | | | |
| 64092 | | XA328 | 49 | | XA328 | 43 | | | | 16B | 9 | | SPI0193 | 19 | PST030 | 01 | 2 | TQ2 | D4 | | 26B | | | |
| 64086 | | XA328 | 50 | | XA328 | 56 | | | | 16B | 9 | | SPI0193 | 13 | PST010 | 01 | 2 | TQ2 | D2 | | 23A | | | |
| 61322 | | XA328 | 51 | | | | | | | | | | PST030 | 02 | PST030 | 00 | 1 | TQ2 | D4 | | 27B | STATE 3 | | |
| 61308 | | XA328 | 52 | | | | | | | | | | PST000 | 04 | PST000 | 00 | 1 | TQ2 | D1 | | 24A | STATE 0 | | |
| 61283 | | XA328 | 53 | | | | | | | | | | PSTDE6T | 02 | PST060 | 01 | 1 | TQ2 | E3 | | 28B | | | |
| 61266 | | XA328 | 54 | | | | | | | | | | PSTDE0T | 02 | PST000 | 01 | 1 | TQ2 | D1 | | 25A | | | |
| 64121 | | XA328 | 55 | | XA328 | 61 | | | | 16B | 9 | | SPI0203 | 12 | PST060 | 01 | 2 | TQ2 | E3 | | 29B | | | |
| 64087 | | XA328 | 56 | | XA327 | 56 | | | | 16B | 9 | | SPI0193 | 14 | PST000 | 01 | 2 | TQ2 | D1 | | 26A | | | |
| 61336 | | XA328 | 57 | | XA207 | 24 | | | | 16B | 9 | | PST060 | 03 | PST060 | 00 | 1 | TQ2 | E3 | | 30B | STATE 6 | | |
| 60554 | | XA328 | 58 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 27A | | | |
| 61284 | | XA328 | 59 | | XA316 | 11 | | | | 16B | 9 | | PSTDE7T | 01 | PST070 | 01 | 1 | TQ2 | E4 | | 31B | | | |
| 61330 | | XA328 | 60 | | XA327 | 31 | | | | 16B | 9 | | PST050 | 01 | PST050 | 00 | 1 | TQ2 | E2 | | 28A | STATE 5 | | |
| 64122 | | XA328 | 61 | | XA328 | 79 | | | | 16B | 9 | | SPI0203 | 13 | PST070 | 01 | 2 | TQ2 | E4 | | 32B | | | |
| 61280 | | XA328 | 62 | | XA316 | 07 | | | | 16B | 9 | | PSTDE5T | 01 | PST050 | 01 | 1 | TQ2 | E2 | | 29A | | | |
| 61338 | | XA328 | 63 | | XA327 | 20 | | | | 16B | 9 | | PST070 | 01 | PST070 | 00 | 1 | TQ2 | E4 | | 33B | STATE 7 | | |
| 64101 | | XA328 | 64 | | XA328 | 70 | | | | 16B | 9 | | SPI0193 | 28 | PST050 | 01 | 2 | TQ2 | E2 | | 30A | | | |
| 61353 | | XA328 | 65 | | | | | | | | | | PST10A | 04 | PST100 | 01 | 1 | TQ2 | F3 | | 34B | | | |
| 61323 | | XA328 | 66 | | XA332 | 25 | | | | 16B | 9 | | PST040 | 01 | PST040 | 00 | 1 | TQ2 | E1 | | 31A | STATE 4 | | |
| 60555 | | XA328 | 67 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 40A | | | |
| 61277 | | XA328 | 68 | | XA327 | 34 | | | | 16B | 9 | | PSTDE4T | 01 | PST040 | 01 | 1 | TQ2 | E1 | | 32A | | | |
| 61355 | | XA328 | 69 | | | | | | | | | | PST100 | 02 | PST100 | 00 | 1 | TQ2 | F3 | | 35A | STATE 10 | | |
| 64102 | | XA328 | 70 | | XA327 | 70 | | | | 16B | 9 | | SPI0193 | 29 | PST040 | 01 | 2 | TQ2 | E1 | | 33A | | | |
| 61289 | | XA328 | 71 | | XA327 | 42 | | | | 16B | 9 | | PSTDE9T | 01 | PST090 | 01 | 1 | TQ2 | F2 | | 36A | | | |
| 61348 | | XA328 | 72 | | XA207 | 18 | | | | 16B | 9 | | PST090 | 01 | PST090 | 00 | 1 | TQ2 | F2 | | 34A | STATE 9 | | |
| 64124 | | XA328 | 73 | | XA328 | 74 | | | | 16B | 9 | | SPI0203 | 15 | PST090 | 01 | 2 | TQ2 | F2 | | 36B | | | |
| 64125 | | XA328 | 74 | | XA328 | 78 | | | | 16B | 9 | | SPI0203 | 16 | PST100 | 01 | 2 | TQ2 | F3 | | 35B | | | |
| 61346 | | XA328 | 75 | | XA340 | 66 | | | | 16B | 9 | | PST080 | 05 | PST080 | 00 | 1 | TQ2 | F1 | | 37B | STATE 8 | | |
| 61264 | | XA328 | 76 | | | | | | | | | | PSTCT5U | 04 | PST11A | 01 | 1 | TQ2 | F4 | | 37A | | | |
| 61288 | | XA328 | 77 | | | | | | | | | | PSTDE8T | 03 | PST080 | 01 | 1 | TQ2 | F1 | | 38B | | | |
| 64126 | | XA328 | 78 | | XA329 | 80 | | | | 16B | 9 | | SPI0203 | 17 | PST11A | 01 | 2 | TQ2 | F4 | | 38A | | | |
| 64123 | | XA328 | 79 | | XA328 | 73 | | | | 16B | 9 | | SPI0203 | 14 | PST080 | 01 | 2 | TQ2 | F1 | | 39B | | | |
| 61356 | | XA328 | 80 | | XA327 | 23 | | | | 16B | 9 | | PST11A | 01 | PST11A | 00 | 1 | TQ2 | F4 | | 39A | STATE 11 | | |

H78-14 1235

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA329
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 221

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SPEC. INST. MISC. | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------------|------|-------|-------|-------------------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|-------------------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | |
| 61516 | | XA329 | 01 | | XA329 | 10 | | | 16B | 9 | | PXCP1B | 01 | PXIR1N | 01 | 1 | TDD | BN | | 02B | | |
| 60556 | | XA329 | 02 | | | | | | | | | GND | 01 | | | | TDD | | | 01B | | |
| 64072 | | XA329 | 03 | | XA544 | 61 | | | 16B | 9 | | SPIO183 | 40 | PXIRIQ | 01 | 1 | TDD | BQ | | 02A | | |
| 61810 | | XA329 | 04 | | XA329 | 06 | | | 16B | 9 | | PXRSOB | 11 | PXIRIP | 01 | 1 | TDD | BP | | 04A | | |
| 61734 | | XA329 | 05 | | XA330 | 07 | | | 16B | 9 | | PXIROQ | 02 | PXIRII | 01 | 1 | TDD | BI | | 03B | | |
| 61811 | | XA329 | 06 | | XA325 | 06 | | | 16B | 9 | | PXRSOB | 12 | PXEBIP | 01 | 1 | TDD | AP | | 05A | | |
| 61741 | | XA329 | 07 | | | | | | | | | PXIRIQ | 02 | PXIRIQ | 00 | 1 | TDD | BQ | | 03A | | ITR SYNC COUNTER |
| 61651 | | XA329 | 08 | | XA330 | 13 | | | 16B | 9 | | PXEB00 | 01 | PXEBII | 01 | 1 | TDD | AI | | 06A | | |
| 64875 | | XA329 | 09 | | | | | | | | M | PXIR1P | 01 | PXIR1P | 00 | 1 | TDD | BP | | 04B | | |
| 61517 | | XA329 | 10 | | XA329 | 26 | | | 16B | 9 | | PXCP1B | 02 | PXEBIN | 01 | 1 | TDD | AN | | 07A | | |
| 64870 | | XA329 | 11 | | | | | | | | M | PXEB1P | 01 | PXEB1P | 00 | 1 | TDD | AP | | 05B | | |
| 60109 | | XA329 | 12 | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 61657 | | XA329 | 13 | | | | | | | | | PXEBIQ | 02 | PXEBIQ | 00 | 1 | TDD | AQ | | 06B | | EOB SYNC COUNTER |
| 62509 | | XA329 | 14 | | XA326 | 14 | | | 16B | 9 | | P16MH0 | 06 | PXXAON | 01 | 1 | TDD | DN | | 09A | | |
| 64111 | | XA329 | 15 | | XA329 | 22 | | | 16B | 9 | | SPIO203 | 02 | PXEBIQ | 01 | 1 | TDD | AQ | | 07B | | |
| 60557 | | XA329 | 16 | | | | | | | | | GND | 01 | | | | TDD | | | 20B | | |
| 63815 | | XA329 | 17 | | XA331 | 25 | | | 16B | 9 | | SPIO053 | 04 | PXXA0Q | 01 | 1 | TDD | DQ | | 08B | | |
| 62071 | | XA329 | 18 | | XA330 | 35 | | | 16B | 9 | | PXXA3P | 02 | PXXA0I | 01 | 1 | TDD | DT | | 10A | | |
| 62057 | | XA329 | 19 | | XA324 | 30 | | | 16B | 9 | | PXXA0Q | 03 | PXXA0Q | 00 | 1 | TDD | DQ | | 09B | | I/O STATE COUNTER |
| 62041 | | XA329 | 20 | | XA326 | 11 | | | 16B | 9 | | PXXACP | 04 | PXXA0P | 01 | 1 | TDD | DP | | 11A | | |
| 62052 | | XA329 | 21 | | XA331 | 19 | | | 16B | 9 | | PXXA0P | 04 | PXXA0P | 00 | 1 | TDD | DP | | 10B | | |
| 64112 | | XA329 | 22 | | XA330 | 22 | | | 16B | 9 | | SPIO203 | 03 | PXST1P | 01 | 1 | TDD | CP | | 12A | | |
| 64886 | | XA329 | 23 | | | | | | | | M | PXST1P | 01 | PXST1P | 00 | 1 | TDD | CP | | 11B | | |
| 62001 | | XA329 | 24 | | XA330 | 25 | | | 16B | 9 | | PXST00 | 01 | PXSTII | 01 | 1 | TDD | CT | | 13A | | |
| 62007 | | XA329 | 25 | | | | | | | | | PXSTIQ | 02 | PXSTIQ | 00 | 1 | TDD | CQ | | 12B | | STOP SYNC COUNTER |
| 61518 | | XA329 | 26 | | XA326 | 60 | | | 16B | 9 | | PXCP1B | 03 | PXSTIN | 01 | 1 | TDD | CN | | 14A | | |
| 64068 | | XA329 | 27 | | XA330 | 29 | | | 16B | 9 | | SPIO183 | 36 | PXSTIQ | 01 | 1 | TDD | CQ | | 13B | | |
| 60110 | | XA329 | 28 | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 64067 | | XA329 | 29 | | XA329 | 27 | | | 16B | 9 | | SPIO183 | 35 | PXXB1Q | 01 | 1 | TDD | FQ | | 14B | | |
| 62102 | | XA329 | 30 | | XA330 | 30 | | | 16B | 9 | | PXXBK0 | 02 | PXXBIN | 01 | 1 | TDD | FN | | 15A | | |
| 62128 | | XA329 | 31 | | | | | | | | | PXXB1Q | 04 | PXXB1Q | 00 | 1 | TDD | FQ | | 15B | | I/O BYTE COUNTER |
| 60558 | | XA329 | 32 | | | | | | | | | GND | 01 | | | | TDD | | | 21B | | |
| 62122 | | XA329 | 33 | | XA335 | 36 | | | 16B | 9 | | PXXB1P | 01 | PXXB1P | 00 | 1 | TDD | FP | | 16B | | |
| 62116 | | XA329 | 34 | | XA326 | 07 | | | 16B | 9 | | PXXR0Q | 03 | PXXBII | 01 | 1 | TDD | FI | | 16A | | |
| 64890 | | XA329 | 35 | | | | | | | | M | PXXA2P | 01 | PXXA2P | 00 | 1 | TDD | EP | | 17B | | |
| 62096 | | XA329 | 36 | | XA330 | 36 | | | 16B | 9 | | PXXRCA | 02 | PXXB1P | 01 | 1 | TDD | EP | | 17A | | |
| 62069 | | XA329 | 37 | | | | | | | | | PXXA2Q | 03 | PXXA2Q | 00 | 1 | TDD | EQ | | 18B | | I/O STATE COUNTER |
| 62038 | | XA329 | 38 | | XA330 | 38 | | | 16B | 9 | | PXXACP | 01 | PXXA2P | 01 | 1 | TDD | EP | | 18A | | |
| 64116 | | XA329 | 39 | | XA330 | 39 | | | 16B | 9 | | SPIO203 | 07 | PXXA2Q | 01 | 1 | TDD | EQ | | 19B | | |
| 62063 | | XA329 | 40 | | XA330 | 19 | | | 16B | 9 | | PXXA1Q | 04 | PXXA2I | 01 | 1 | TDD | FI | | 19A | | |
| 64066 | | XA329 | 41 | | XA329 | 29 | | | 16B | 9 | | SPIO183 | 34 | PXXC2Q | 01 | 1 | TDD | HQ | | 22B | | |
| 62506 | | XA329 | 42 | | XA330 | 42 | | | 16B | 9 | | P16MH0 | 03 | PXXA2N | 01 | 1 | TDD | FN | | 20A | | |
| 62198 | | XA329 | 43 | | XA335 | 47 | | | 16B | 9 | | PXXC2Q | 03 | PXXC2Q | 00 | 1 | TDD | HQ | | 23B | | INPUT STROBE COUN |
| 60559 | | XA329 | 44 | | | | | | | | | GND | 01 | | | | TDD | | | 27A | | |
| 64893 | | XA329 | 45 | | | | | | | | M | PXXC2P | 01 | PXXC2P | 00 | 1 | TDD | HP | | 24B | | |
| 62515 | | XA329 | 46 | | XA326 | 26 | | | 16B | 9 | | P16MIC | 04 | PXXC2N | 01 | 1 | TDD | HN | | 21A | | |
| 64891 | | XA329 | 47 | | | | | | | | M | PXXCOP | 01 | PXXCOP | 00 | 1 | TDD | GP | | 25B | | |
| 62194 | | XA329 | 48 | | XA330 | 49 | | | 16B | 9 | | PXXC1Q | 01 | PXXC2I | 01 | 1 | TDD | HT | | 22A | | |
| 62193 | | XA329 | 49 | | | | | | | | | PXXC0Q | 02 | PXXC0Q | 00 | 1 | TDD | GQ | | 26B | | INPUT STROBE COUN |
| 62185 | | XA329 | 50 | | XA330 | 64 | | | 16B | 9 | | PXXCRO | 07 | PXXC2P | 01 | 1 | TDD | HP | | 23A | | |
| CONNECTOR (XA329) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1236

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA329
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 222

| RECORD NUMBER | FROM | | | U REF | TO | | | WIRE | | | | SPEC INSTR MISC | SIGNAL | SEQ NO | EQUATION | TERM FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|----------|--------|-----------|-----|----------|----------------|------|-------|-----------------------|--------|-----------|----------|----------------|---------------------------|-------|------------------------------|--------------------------|-----------------------|-----------|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 64120 | | XA329 | 51 | | | XA328 | 55 | | 16B | 9 | | SPIO203 | 11 | PXXC00 | 01 | 1 | TDD | GQ | | 27B | | |
| 62184 | | XA329 | 52 | | | XA329 | 50 | | 16B | 9 | | PXXCRO | 06 | PXXCOP | 01 | 1 | TDD | GP | | 24A | | |
| 62221 | | XA329 | 53 | | | XA335 | 60 | | 16B | 9 | | PXXDIA | 02 | PXXDIQ | 01 | 1 | TDD | KQ | | 28B | | |
| 62207 | | XA329 | 54 | | | XA330 | 45 | | 16B | 9 | | PXXC4P | 01 | PXXCOI | 01 | 1 | TDD | GJ | | 25A | | |
| 62230 | | XA329 | 55 | | | XA336 | 09 | | 16B | 9 | | PXXDIQ | 01 | PXXDIQ | 00 | 1 | TDD | KQ | | 29B | INPUT INTERRUPT C | |
| 62512 | | XA329 | 56 | | | XA330 | 56 | | 16B | 9 | | PI6MIO | 01 | PXXCON | 01 | 1 | TDD | GN | | 26A | | |
| 62229 | | XA329 | 57 | | | | | | | | | PXXDIP | 07 | PXXDIP | 00 | 1 | TDD | KP | | 30B | | |
| 60560 | | XA329 | 58 | | | | | | | | | GND | 01 | | | | TDD | | | 40A | | |
| 62217 | | XA329 | 59 | | | | | | | | | PXXDDP | 03 | PXXDDP | 00 | 1 | TDD | JP | | 31B | | |
| 62276 | | XA329 | 60 | | | XA319 | 56 | | 16B | 9 | | PXXDIP | 04 | PXXDIN | 01 | 1 | TDD | KN | | 28A | | |
| 64894 | | XA329 | 61 | | | XA208 | 48 | | 16B | 9 | | PXXDDQ | 01 | PXXDDQ | 00 | 1 | TDD | JQ | | 32B | INPUT DATA CONTRA05 | |
| 61700 | | XA329 | 62 | | | XA329 | 68 | | 16B | 9 | | PXGN4A | 07 | PXXDI I | 01 | 1 | TDD | KI | | 29A | | |
| 62213 | | XA329 | 63 | | | XA335 | 66 | | 16B | 9 | | PXXDDA | 01 | PXXDDQ | 01 | 1 | TDD | JQ | | 33B | | |
| 61805 | | XA329 | 64 | | | XA329 | 66 | | 16B | 9 | | PXRSOB | 06 | PXXDIP | 01 | 1 | TDD | KP | | 30A | | |
| 64063 | | XA329 | 65 | | | XA330 | 68 | | 16B | 9 | | SPIO183 | 31 | PXXRIQ | 01 | 1 | TDD | MQ | | 34B | | |
| 61806 | | XA329 | 66 | | | XA330 | 73 | | 16B | 9 | | PXRSOB | 07 | PXXDDP | 01 | 1 | TDD | JP | | 31A | | |
| 60551 | | XA329 | 67 | | | | | | | | | GND | 01 | | | | TDD | | | 40B | | |
| 61701 | | XA329 | 68 | | | XA330 | 71 | | 16B | 9 | | PXGN4A | 08 | PXXDDI | 01 | 1 | TDD | JI | | 32A | | |
| 64897 | | XA329 | 69 | | | | | | | | M | PXXRIP | 01 | PXXRIP | 00 | 1 | TDD | MP | | 35A | | |
| 62273 | | XA329 | 70 | | | XA330 | 72 | | 16B | 9 | | PXXDIP | 01 | PXXDDN | 01 | 1 | TDD | JN | | 33A | | |
| 62306 | | XA329 | 71 | | | XA330 | 78 | | 16B | 9 | | PXXR0Q | 03 | PXXRI I | 01 | 1 | TDD | MI | | 36A | | |
| 62505 | | XA329 | 72 | | | XA329 | 42 | | 16B | 9 | | PI6MHO | 02 | PXXRI I | 01 | 1 | TDD | MN | | 34A | | |
| 62292 | | XA329 | 73 | | | XA326 | 20 | | 16B | 9 | | PXXRCQ | 02 | PXXRIP | 01 | 1 | TDD | MP | | 36B | | |
| 62313 | | XA329 | 74 | | | | | | | | | PXXRIQ | 06 | PXXRIQ | 00 | 1 | TDD | MQ | | 35B | REQUEST STROBE CO | |
| 60965 | | XA329 | 75 | | | XA326 | 50 | | 16B | 9 | | PDLCA | 02 | PDLQ5P | 01 | 1 | TDD | LP | | 37B | | |
| 60796 | | XA329 | 76 | | | | | | | | | PDLQ5P | 03 | PDLQ5P | 00 | 1 | TDD | LP | | 37A | | |
| 60792 | | XA329 | 77 | | | XA326 | 49 | | 16B | 9 | | PDLQ4Q | 01 | PDLQ5 I | 01 | 1 | TDD | LI | | 38B | | |
| 64796 | | XA329 | 78 | | | | | | | | M | PDLQ5Q | 01 | PDLQ5Q | 00 | 1 | TDD | LQ | | 38A | | |
| 60771 | | XA329 | 79 | | | XA326 | 56 | | 16B | 9 | | PDLCKA | 01 | PDLQ5N | 01 | 1 | TDD | LN | | 39B | | |
| 64127 | | XA329 | 80 | | | XA330 | 80 | | 16B | 9 | | SPIO203 | 18 | PDLQ5Q | 01 | 1 | TDD | LQ | | 39A | | |
| 61738 | | XA330 | 01 | | | XA206 | 35 | | 16B | 9 | | PXIR1A | 03 | PXIRON | 01 | 1 | TDD | BN | | 02B | | |
| 60562 | | XA330 | 02 | | | | | | | | | GND | 01 | | | | TDD | | | 01B | | |
| 61731 | | XA330 | 03 | | | XA332 | 07 | | 16B | 9 | | PXIROA | 01 | PXIROQ | 01 | 1 | TDD | BQ | | 02A | | |
| 61809 | | XA330 | 04 | | | XA329 | 04 | | 16B | 9 | | PXRSOB | 10 | PXIROP | 01 | 1 | TDD | BP | | 04A | | |
| 61693 | | XA330 | 05 | | | | | | | | | PXGN1A | 16 | PXIRO I | 01 | 1 | TDD | BI | | 03B | | |
| 61808 | | XA330 | 06 | | | XA330 | 04 | | 16B | 9 | | PXRSOB | 09 | PXEBOP | 01 | 1 | TDD | AP | | 05A | | |
| 61735 | | XA330 | 07 | | | | | | | | | PXIROQ | 03 | PXIROQ | 00 | 1 | TDD | BQ | | 03A | ITR SYNC COUNTER | |
| 61692 | | XA330 | 08 | | | XA330 | 05 | | 16B | 9 | | PXGN1A | 15 | PXEBOT | 01 | 1 | TDD | AT | | 06A | | |
| 64874 | | XA330 | 09 | | | | | | | | M | PXIROP | 01 | PXIROP | 00 | 1 | TDD | BP | | 04B | | |
| 61654 | | XA330 | 10 | | | XA327 | 61 | | 16B | 9 | | PXEB1A | 02 | PXEBON | 01 | 1 | TDD | AN | | 07A | | |
| 64869 | | XA330 | 11 | | | | | | | | M | PXEBOP | 01 | PXEBOP | 00 | 1 | TDD | AP | | 05B | | |
| 60111 | | XA330 | 12 | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 61652 | | XA330 | 13 | | | | | | | | | PXEB0Q | 02 | PXEB0Q | 00 | 1 | TDD | AQ | | 06B | EOB SYNC COUNTER | |
| 62508 | | XA330 | 14 | | | XA329 | 14 | | 16B | 9 | | PI6MHO | 05 | PXXAIN | 01 | 1 | TDD | DN | | 09A | | |
| 61649 | | XA330 | 15 | | | XA336 | 19 | | 16B | 9 | | PXEB0A | 01 | PXEB0Q | 01 | 1 | TDD | AQ | | 07B | | |
| 60563 | | XA330 | 16 | | | | | | | | | GND | 01 | | | | TDD | | | 20B | | |
| 64070 | | XA330 | 17 | | | XA331 | 24 | | 16B | 9 | | SPIO183 | 38 | PXXA1Q | 01 | 1 | TDD | DQ | | 08B | | |
| 62056 | | XA330 | 18 | | | XA329 | 19 | | 16B | 9 | | PXXA0Q | 02 | PXXA1I | 01 | 1 | TDD | DI | | 10A | | |
| CONNECTOR (XA330) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1237

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA330
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 223

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SPEC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|----------------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FTG | PREFIX | CONNECTOR | PIN | SH FTG | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 62064 | XA330 | | 19 | | XA331 | 20 | | | | 16B | 9 | | PXXA1Q | 05 | PXXA1Q | 00 | 1 | TDD | DQ | | 09B | I/O STATE COUNTER | |
| 62040 | XA330 | | 20 | | XA329 | 20 | | | | 16B | 9 | | PXXACP | 03 | PXXA1P | 01 | 1 | TDD | DP | | 11A | | |
| 62059 | XA330 | | 21 | | | | | | | | | | PXXA1P | 02 | PXXA1P | 00 | 1 | TDD | DP | | 10B | | |
| 64113 | XA330 | | 22 | | XA331 | 26 | | | | 16B | 9 | | SPIO203 | 04 | PXSTOP | 01 | 1 | TDD | CP | | 12A | | |
| 64885 | XA330 | | 23 | | | | | | | | | M | PXSTOP | 01 | PXSTOP | 00 | 1 | TDD | CP | | 11B | | |
| 61691 | XA330 | | 24 | | XA330 | 08 | | | | 16B | 9 | | PXGN1A | 14 | PXSTO1 | 01 | 1 | TDD | CT | | 13A | | |
| 62002 | XA330 | | 25 | | | | | | | | | | PXSTOQ | 02 | PXSTOQ | 00 | 1 | TDD | CQ | | 12B | STOP SYNC COUNTER | |
| 62004 | XA330 | | 26 | | XA342 | 21 | | | | 16B | 9 | | PXST1A | 02 | PXSTON | 01 | 1 | TDD | CN | | 14A | | |
| 62008 | XA330 | | 27 | | XA342 | 27 | | | | 16B | 9 | | PXST2A | 01 | PXSTOQ | 01 | 1 | TDD | CQ | | 13B | | |
| 60112 | XA330 | | 28 | | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 64069 | XA330 | | 29 | | XA330 | 17 | | | | 16B | 9 | | SPIO183 | 37 | PXXB2Q | 01 | 1 | TDD | FQ | | 14B | | |
| 62103 | XA330 | | 30 | | XA334 | 30 | | | | 16B | 9 | | PXXBK0 | 03 | PXXB2N | 01 | 1 | TDD | FN | | 15A | | |
| 62144 | XA330 | | 31 | | | | | | | | | | PXXB2Q | 03 | PXXB2Q | 00 | 1 | TDD | FQ | | 15B | I/O BYTE COUNTER | |
| 60564 | XA330 | | 32 | | | | | | | | | | GND | 01 | | | | TDD | | | 21B | | |
| 62138 | XA330 | | 33 | | XA333 | 38 | | | | 16B | 9 | | PXXB2P | 02 | PXXB2P | 00 | 1 | TDD | FP | | 16B | | |
| 62127 | XA330 | | 34 | | XA329 | 31 | | | | 16B | 9 | | PXXB1Q | 03 | PXXB2I | 01 | 1 | TDD | FI | | 16A | | |
| 62072 | XA330 | | 35 | | | | | | | | | | PXXA3P | 03 | PXXA3P | 00 | 1 | TDD | EP | | 17B | | |
| 62097 | XA330 | | 36 | | XA334 | 38 | | | | 16B | 9 | | PXXBCA | 03 | PXXB2P | 01 | 1 | TDD | EP | | 17A | | |
| 62075 | XA330 | | 37 | | XA324 | 31 | | | | 16B | 9 | | PXXA3Q | 03 | PXXA3Q | 00 | 1 | TDD | EQ | | 18B | I/O STATE COUNTER | |
| 62039 | XA330 | | 38 | | XA330 | 20 | | | | 16B | 9 | | PXXACP | 02 | PXXA3P | 01 | 1 | TDD | EP | | 18A | | |
| 64117 | XA330 | | 39 | | XA330 | 53 | | | | 16B | 9 | | SPIO203 | 08 | PXXA3Q | 01 | 1 | TDD | EQ | | 19B | | |
| 62068 | XA330 | | 40 | | XA329 | 37 | | | | 16B | 9 | | PXXA2Q | 02 | PXXA3I | 01 | 1 | TDD | EI | | 19A | | |
| 64065 | XA330 | | 41 | | XA329 | 41 | | | | 16B | 9 | | SPIO183 | 33 | PXXC4Q | 01 | 1 | TDD | HQ | | 22B | | |
| 62507 | XA330 | | 42 | | XA330 | 14 | | | | 16B | 9 | | P16MH0 | 04 | PXXA3N | 01 | 1 | TDD | EN | | 20A | | |
| 62212 | XA330 | | 43 | | | | | | | | | | PXXC4Q | 03 | PXXC4Q | 00 | 1 | TDD | HQ | | 23B | INPUT STROBE COUN | |
| 60565 | XA330 | | 44 | | | | | | | | | | GND | 01 | | | | TDD | | | 27A | | |
| 62208 | XA330 | | 45 | | XA325 | 10 | | | | 16B | 9 | | PXXC4P | 02 | PXXC4P | 00 | 1 | TDD | HP | | 24B | | |
| 62514 | XA330 | | 46 | | XA329 | 46 | | | | 16B | 9 | | P16M10 | 03 | PXXC4N | 01 | 1 | TDD | HN | | 21A | | |
| 64892 | XA330 | | 47 | | | | | | | | | M | PXXC1P | 01 | PXXC1P | 00 | 1 | TDD | GP | | 25B | | |
| 62206 | XA330 | | 48 | | | | | | | | | | PXXC3Q | 02 | PXXC4I | 01 | 1 | TDD | HT | | 22A | | |
| 62195 | XA330 | | 49 | | | | | | | | | | PXXC1Q | 02 | PXXC1Q | 00 | 1 | TDD | GQ | | 26B | INPUT STROBE COUN | |
| 62182 | XA330 | | 50 | | XA330 | 52 | | | | 16B | 9 | | PXXCR0 | 04 | PXXC4P | 01 | 1 | TDD | HP | | 23A | | |
| 64119 | XA330 | | 51 | | XA329 | 51 | | | | 16B | 9 | | SPIO203 | 10 | PXXC1Q | 01 | 1 | TDD | GQ | | 27B | | |
| 62183 | XA330 | | 52 | | XA329 | 52 | | | | 16B | 9 | | PXXCR0 | 05 | PXXC1P | 01 | 1 | TDD | GP | | 24A | | |
| 64118 | XA330 | | 53 | | XA330 | 51 | | | | 16B | 9 | | SPIO203 | 09 | PXXD0Q | 01 | 1 | TDD | KQ | | 28B | | |
| 62192 | XA330 | | 54 | | XA329 | 49 | | | | 16B | 9 | | PXXC0Q | 01 | PXXC1I | 01 | 1 | TDD | GI | | 25A | | |
| 62271 | XA330 | | 55 | | XA325 | 05 | | | | 16B | 9 | | PXXD0Q | 09 | PXXD0Q | 00 | 1 | TDD | KQ | | 29B | INPUT BYTE COUNTE | |
| 62513 | XA330 | | 56 | | XA330 | 46 | | | | 16B | 9 | | P16M10 | 02 | PXXC1N | 01 | 1 | TDD | CN | | 26A | | |
| 62261 | XA330 | | 57 | | XA336 | 03 | | | | 16B | 9 | | PXXD0P | 02 | PXXD0P | 00 | 1 | TDD | KP | | 30B | | |
| 60566 | XA330 | | 58 | | | | | | | | | | GND | 01 | | | | TDD | | | 40A | | |
| 62247 | XA330 | | 59 | | | | | | | | | | P20DLP | 02 | P20DLP | 00 | 1 | TDD | JP | | 31B | | |
| 62203 | XA330 | | 60 | | XA342 | 79 | | | | 16B | 9 | | PXXC3P | 03 | PXXD0N | 01 | 1 | TDD | KN | | 28A | | |
| 62259 | XA330 | | 61 | | XA313 | 34 | | | | 16B | 9 | | P20DLQ | 03 | P20DLQ | 00 | 1 | TDD | JQ | | 32B | INPUT STATUS CONT | |
| 62275 | XA330 | | 62 | | XA329 | 60 | | | | 16B | 9 | | PXXD1P | 03 | PXXD0I | 01 | 1 | TDD | KI | | 29A | | |
| 61736 | XA330 | | 63 | | XA323 | 77 | | | | 16B | 9 | | SPIO053 | 06 | P20DLQ | 01 | 1 | TDD | JQ | | 33B | | |
| 62186 | XA330 | | 64 | | | | | | | | | | PXXCR0 | 08 | PXXD0P | 01 | 1 | TDD | KP | | 30A | | |
| 63817 | XA330 | | 65 | | XA328 | 39 | | | | 16B | 9 | | PXIR1A | 01 | PXXDSQ | 01 | 1 | TDD | MQ | | 34B | | |
| 61807 | XA330 | | 66 | | XA329 | 75 | | | | 16B | 9 | | PQDLCA | 01 | P20DLP | 01 | 1 | TDD | JP | | 31A | | |
| 60567 | XA330 | | 67 | | | | | | | | | | GND | 01 | | | | TDD | | | 40B | | |
| 61702 | XA330 | | 68 | | XA330 | 41 | | | | 16B | 9 | | SPIO183 | 32 | P20DLI | 01 | 1 | TDD | IT | | 32A | | |
| CONNECTOR (XA330) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA330
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 224

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|--------------------------------|-----|--------|-----------|-----|-----|-------------|------|-------|------|---------|--------|----------|-------------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | QTY | PREFIX | CONNECTOR | PIN | QTY | MULTI GROUP | CODE | COLOR | IDEN | | | | | | | | | | |
| 62523 | | XA330 | 69 | | | XA333 | 26 | | | 16B | 9 | | PXXDSP | 01 | PXXDSP | 00 | 1 | TDD | MP | 35A | | |
| 62274 | | XA330 | 70 | | | XA326 | 45 | | | 16B | 9 | | PDLQ6P | 01 | P20DLN | 01 | 1 | TDD | JN | 33A | | |
| 64064 | | XA330 | 71 | | | XA342 | 69 | | | 16B | 9 | | PXGN4A | 09 | PXXDS I | 01 | 1 | TDD | MI | 36A | CPU-A | |
| 60799 | | XA330 | 72 | | | XA330 | 62 | | | 16B | 9 | | PXXD1P | 02 | PXXDSN | 01 | 1 | TDD | MN | 34A | | |
| 60964 | | XA330 | 73 | | | XA330 | 06 | | | 16B | 9 | | PXRS0B | 08 | PXXDSP | 01 | 1 | TDD | MP | 36B | | |
| 62526 | | XA330 | 74 | | | | | | | | | | PXXDSQ | 10 | PXXDSQ | 00 | 1 | TDD | MQ | 35B | | |
| 62291 | | XA330 | 75 | | | XA329 | 73 | | | 16B | 9 | | PXXRCQ | 01 | PXXROP | 01 | 1 | TDD | LP | 37B | | |
| 62302 | | XA330 | 76 | | | XA326 | 80 | | | 16B | 9 | | PXXROP | 01 | PXXROP | 00 | 1 | TDD | LP | 37A | | |
| 62314 | | XA330 | 77 | | | XA325 | 26 | | | 16B | 9 | | PXXR2P | 01 | PXXROI | 01 | 1 | TDD | LI | 38B | | |
| 62307 | | XA330 | 78 | | | | | | | | | | PXXRQ0 | 04 | PXXRQ0 | 00 | 1 | TDD | LQ | 38A | REQUEST STROBE CO | |
| 62504 | | XA330 | 79 | | | XA329 | 72 | | | 16B | 9 | | P16MH0 | 01 | PXXRON | 01 | 1 | TDD | LN | 39B | | |
| 64128 | | XA330 | 80 | | | XA334 | 79 | | | 16B | 9 | | SPIO203 | 19 | PXXRQ0 | 01 | 1 | TDD | LQ | 39A | | |
| 61511 | | XA331 | 01 | | | | | | | | | | PXCMAS | 03 | PXCA1A | 01 | 1 | TS8 | A1 | 02B | | |
| 60568 | | XA331 | 02 | | | | | | | | | | GND | 01 | | | | | | 01A | | |
| 60250 | | XA331 | 03 | | | | | | | | | | DNW | 01 | | | | | | | | |
| 62132 | | XA331 | 04 | | | | | | | | | | PXXB10 | 04 | PXCA1A | 01 | 2 | TS8 | A1 | 04A | | |
| 62054 | | XA331 | 05 | | | | | | | | | | PXXAOP | 06 | PXCA1A | 01 | 3 | TS8 | A1 | 03B | | |
| 62066 | | XA331 | 06 | | | | | | | | | | PXXA1Q | 07 | PXCA1A | 01 | 4 | TS8 | A1 | 05A | | |
| 61777 | | XA331 | 07 | | | XA334 | 11 | | | 16B | 9 | | PXRPCS | 02 | PXCA1A | 01 | 5 | TS8 | A1 | 03A | | |
| 61895 | | XA331 | 08 | | | XA318 | 17 | | | 16B | 9 | | PXROCS | 04 | PXCA1A | 01 | 6 | TS8 | A1 | 06A | | |
| 60251 | | XA331 | 09 | | | | | | | | | | DNW | 01 | | | | | | | | |
| 61928 | | XA331 | 10 | | | XA331 | 46 | | | 16B | 9 | | PXRICR | 03 | PXCA1A | 01 | 7 | TS8 | A1 | 07A | | |
| 61498 | | XA331 | 11 | | | XA341 | 03 | | | 16B | 9 | | PXCA1A | 01 | PXCA1A | 00 | 1 | TS8 | A1 | 05B | | |
| 60113 | | XA331 | 12 | | | | | | | | | | +5V | 01 | | | | | | | | |
| 61938 | | XA331 | 13 | | | XA315 | 55 | | | 16B | 9 | | PXR2CR | 04 | PXCA1A | 01 | 8 | TS8 | A1 | 06B | | |
| 61588 | | XA331 | 14 | | | XA340 | 37 | | | 16B | 9 | | PXDEVS | 01 | PXDV1A | 01 | 1 | TS8 | B1 | 09A | | |
| 60252 | | XA331 | 15 | | | | | | | | | | DNW | 01 | | | | | | | | |
| 60569 | | XA331 | 16 | | | | | | | | | | GND | 01 | | | | | | | 21B | |
| 60253 | | XA331 | 17 | | | | | | | | | | DNW | 01 | | | | | | | | |
| 62145 | | XA331 | 18 | | | XA331 | 31 | | | 16B | 9 | | PXXB20 | 01 | PXDV1A | 01 | 2 | TS8 | B1 | 10A | | |
| 62053 | | XA331 | 19 | | | XA331 | 05 | | | 16B | 9 | | PXXAOP | 05 | PXDV1A | 01 | 3 | TS8 | B1 | 09B | | |
| 62065 | | XA331 | 20 | | | XA331 | 06 | | | 16B | 9 | | PXXA1Q | 06 | PXDV1A | 01 | 4 | TS8 | B1 | 11A | | |
| 60254 | | XA331 | 21 | | | | | | | | | | DNW | 01 | | | | | | | | |
| 61899 | | XA331 | 22 | | | XA340 | 26 | | | 16B | 9 | | PXROPA | 03 | PXDV1A | 01 | 5 | TS8 | B1 | 12A | | |
| 61617 | | XA331 | 23 | | | | | | | | | | PXDV1A | 05 | PXDV1A | 00 | 1 | TS8 | B1 | 11B | | |
| 64071 | | XA331 | 24 | | | XA329 | 03 | | | 16B | 9 | | SPIO183 | 39 | PXDV1A | 01 | 6 | TS8 | B1 | 13A | | |
| 63816 | | XA331 | 25 | | | XA330 | 63 | | | 16B | 9 | | SPIO053 | 05 | PXDV1A | 01 | 7 | TS8 | B1 | 12B | | |
| 64114 | | XA331 | 26 | | | XA331 | 40 | | | 16B | 9 | | SPIO203 | 05 | PXDV1A | 01 | 8 | TS8 | B1 | 14A | | |
| 60255 | | XA331 | 27 | | | | | | | | | | DNW | 01 | | | | | | | | |
| 60114 | | XA331 | 28 | | | | | | | | | | +5V | 01 | | | | | | | | |
| 60256 | | XA331 | 29 | | | | | | | | | | DNW | 01 | | | | | | | | |
| 61608 | | XA331 | 30 | | | XA340 | 30 | | | 16B | 9 | | PXDVSS | 01 | PXSS0A | 01 | 1 | TS8 | C1 | 15A | | |
| 62146 | | XA331 | 31 | | | XA336 | 30 | | | 16B | 9 | | PXXB20 | 02 | PXSS0A | 01 | 2 | TS8 | C1 | 15B | | |
| 60570 | | XA331 | 32 | | | | | | | | | | GND | 01 | | | | | | | 27A | |
| 60257 | | XA331 | 33 | | | | | | | | | | DNW | 01 | | | | | | | | |
| 62051 | | XA331 | 34 | | | XA329 | 21 | | | 16B | 9 | | PXXAOP | 03 | PXSS0A | 01 | 3 | TS8 | C1 | 16A | | |
| 62000 | | XA331 | 35 | | | | | | | | | | PXSS0A | 03 | PXSS0A | 00 | 1 | TS8 | C1 | 17B | | |
| 62062 | | XA331 | 36 | | | XA329 | 40 | | | 16B | 9 | | PXXA1Q | 03 | PXSS0A | 01 | 4 | TS8 | C1 | 17A | | |
| CONNECTOR | | XA331 | CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | |

H78-14 1239

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA331
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 225

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | SFC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------------|------|-------|---------------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 61996 | | XA331 | 37 | | XA341 | 33 | | 16B | 9 | | PXSST0 | 01 | PXSS0A | 01 | 5 | TS8 | C1 | | 18B | | |
| 61898 | | XA331 | 38 | | XA331 | 22 | | 16B | 9 | | PXROPA | 02 | PXSS0A | 01 | 6 | TS8 | C1 | | 18A | | |
| 60258 | | XA331 | 39 | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 64115 | | XA331 | 40 | | XA329 | 39 | | 16B | 9 | | SPI0203 | 06 | PXSS0A | 01 | 7 | TS8 | C1 | | 19A | | |
| 60259 | | XA331 | 41 | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 64146 | | XA331 | 42 | | XA331 | 68 | | 16B | 9 | | SPT0213 | 02 | PXSS0A | 01 | 8 | TS8 | C1 | | 20A | | |
| 61890 | | XA331 | 43 | | XA315 | 59 | | 16B | 9 | | PXR0CR | 03 | PXXACO | 01 | 1 | TS8 | D1 | | 23B | | |
| 60571 | | XA331 | 44 | | | | | | | | GND | 01 | | | | TS8 | | | 40A | | |
| 60260 | | XA331 | 45 | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 61929 | | XA331 | 46 | | XA315 | 57 | | 16B | 9 | | PXR1CR | 04 | PXXACO | 01 | 2 | TS8 | D1 | | 21A | | |
| 62044 | | XA331 | 47 | | | | | | | | PXXACO | 02 | PXXACO | 00 | 1 | TS8 | D1 | | 25B | | |
| 61937 | | XA331 | 48 | | XA331 | 13 | | 16B | 9 | | PXR2CR | 03 | PXXACO | 01 | 3 | TS8 | D1 | | 22A | | |
| 61946 | | XA331 | 49 | | XA315 | 53 | | 16B | 9 | | PXR3CR | 03 | PXXACO | 01 | 4 | TS8 | D1 | | 26B | | |
| 61955 | | XA331 | 50 | | XA317 | 05 | | 16B | 9 | | PXR4CR | 03 | PXXACO | 01 | 5 | TS8 | D1 | | 23A | | |
| 60261 | | XA331 | 51 | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 61964 | | XA331 | 52 | | | | | | | | PXR5CR | 03 | PXXACO | 01 | 6 | TS8 | D1 | | 24A | | |
| 60262 | | XA331 | 53 | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 61973 | | XA331 | 54 | | | | | | | | PXR6CR | 03 | PXXACO | 01 | 7 | TS8 | D1 | | 25A | | |
| 60929 | | XA331 | 55 | | XA326 | 63 | | 16B | 9 | | PLPT1A | 02 | PXXRCO | 01 | 1 | TS8 | E1 | | 29B | | |
| 61984 | | XA331 | 56 | | | | | | | | PXR7CR | 03 | PXXACO | 01 | 8 | TS8 | D1 | | 26A | | |
| 60263 | | XA331 | 57 | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 60572 | | XA331 | 58 | | | | | | | | GND | 01 | | | | TS8 | | | | | |
| 62296 | | XA331 | 59 | | | | | | | | PXXRCO | 02 | PXXRCO | 00 | 1 | TS8 | E1 | | 31B | REQUEST INPUTS | |
| 62667 | | XA331 | 60 | | XA305 | 35 | | 16B | 9 | | QPO8NA | 02 | PXXRCO | 01 | 2 | TS8 | E1 | | 28A | | |
| 62661 | | XA331 | 61 | | XA332 | 31 | | 16B | 9 | | QPO2NA | 01 | PXXRCO | 01 | 3 | TS8 | E1 | | 32B | | |
| 62664 | | XA331 | 62 | | XA332 | 39 | | 16B | 9 | | QPO6QA | 01 | PXXRCO | 01 | 4 | TS8 | E1 | | 29A | | |
| 60264 | | XA331 | 63 | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 60963 | | XA331 | 64 | | | | | | | | PP480A | 02 | PXXRCO | 01 | 5 | TS8 | E1 | | 30A | | |
| 60265 | | XA331 | 65 | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 60960 | | XA331 | 66 | | XA336 | 64 | | 16B | 9 | | PP10NA | 02 | PXXRCO | 01 | 6 | TS8 | E1 | | 31A | | |
| 60573 | | XA331 | 67 | | | | | | | | GND | 01 | | | | TS8 | | | | | |
| 64147 | | XA331 | 68 | | XA335 | 78 | | 16B | 9 | | SPI0213 | 03 | PXXRCO | 01 | 7 | TS8 | E1 | | 32A | | |
| 60266 | | XA331 | 69 | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 64110 | | XA331 | 70 | | XA329 | 15 | | 16B | 9 | | SPI0203 | 01 | PXXRCO | 01 | 8 | TS8 | E1 | | 33A | | |
| 62445 | | XA331 | 71 | | XA207 | 33 | | 16B | 9 | | P0001A | 01 | PICSMO | 01 | 1 | TS8 | F1 | | 36A | CLOCKS | |
| 62448 | | XA331 | 72 | | XA207 | 45 | | 16B | 9 | | P0102A | 02 | PICSMO | 01 | 2 | TS8 | F1 | | 34A | | |
| 62453 | | XA331 | 73 | | XA207 | 66 | | 16B | 9 | | P0203A | 01 | PICSMO | 01 | 3 | TS8 | F1 | | 36B | | |
| 62457 | | XA331 | 74 | | | | | | | | P0304A | 03 | PICSMO | 01 | 4 | TS8 | F1 | | 35B | | |
| 62462 | | XA331 | 75 | | XA207 | 01 | | 16B | 9 | | P0405A | 02 | PICSMO | 01 | 5 | TS8 | F1 | | 37B | | |
| 62482 | | XA331 | 76 | | XA209 | 18 | | 16B | 9 | | PICSMO | 01 | PICSMO | 00 | 1 | TS8 | F1 | | 37A | PARTIAL SUM STATE | |
| 62466 | | XA331 | 77 | | XA207 | 63 | | 16B | 9 | | P0506A | 01 | PICSMO | 01 | 6 | TS8 | F1 | | 38B | | |
| 62469 | | XA331 | 78 | | | | | | | | P0607A | 02 | PICSMO | 01 | 7 | TS8 | F1 | | 38A | | |
| 62470 | | XA331 | 79 | | XA207 | 09 | | 16B | 9 | | P0708A | 01 | PICSMO | 01 | 8 | TS8 | F1 | | 39B | | |
| 60267 | | XA331 | 80 | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 61500 | | XA332 | 01 | | XA332 | 09 | | 16B | 9 | | PXCA10 | 01 | PXIROA | 01 | 1 | TT3 | A2 | | 02B | | |
| 60574 | | XA332 | 02 | | | | | | | | GND | 01 | | | | TT3 | | | 01B | | |
| 61580 | | XA332 | 03 | | XA332 | 11 | | 16B | 9 | | PXDEVA | 01 | PXIROA | 01 | 2 | TT3 | A2 | | 02A | | |
| 61547 | | XA332 | 04 | | | | | | | | PXDBIO | 02 | PXDBIO | 00 | 1 | TT3 | A1 | | 04A | | |
| CONNECTOR (XA332) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA332
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 226

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SFC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|------|-------|-------------|------|---------------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|-------------------|
| | PREFIX | CONNECTOR | PIN | SH 12 | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | | | | | | | | | | | | |
| 61730 | | XA332 | 05 | | | | | | | | | PXIRCO | 03 | PXIROA | 01 | 3 | TT3 | A2 | | | 03B | |
| 62170 | | XA332 | 06 | | XA325 | 11 | | | 16B | 9 | | PXXCIP | 02 | PXDBIO | 01 | 1 | TT3 | A1 | | | 05A | |
| 61732 | | XA332 | 07 | | | | | | | | | PXIROA | 02 | PXIROA | 00 | 1 | TT3 | A2 | | | 03A | |
| 62223 | | XA332 | 08 | | XA333 | 25 | | | 16B | 9 | | PXXDIP | 01 | PXDBIO | 01 | 2 | TT3 | A1 | | | 06A | |
| 61501 | | XA332 | 09 | | XA333 | 49 | | | 16B | 9 | | PXCA10 | 02 | PXH50A | 01 | 1 | TT3 | A3 | | | 04B | |
| 61544 | | XA332 | 10 | | XA336 | 07 | | | 16B | 9 | | PXDBIA | 01 | PXDBIO | 01 | 3 | TT3 | A1 | | | 07A | |
| 61581 | | XA332 | 11 | | XA333 | 31 | | | 16B | 9 | | PXDEVA | 02 | PXH50A | 01 | 2 | TT3 | A3 | | | 05B | |
| 60115 | | XA332 | 12 | | | | | | | | | +5V | 01 | | | | TT3 | | | | | |
| 61715 | | XA332 | 13 | | XA341 | 69 | | | 16B | 9 | | PXHSTO | 01 | PXH50A | 01 | 3 | TT3 | A3 | | | 06B | |
| 62407 | | XA332 | 14 | | XA327 | 29 | | | 16B | 9 | | PONLNQ | 02 | PRJCTA | 01 | 1 | TT3 | B2 | | | 09A | |
| 61718 | | XA332 | 15 | | | | | | | | | PXH50A | 02 | PXH50A | 00 | 1 | TT3 | A3 | | | 07B | |
| 60575 | | XA332 | 16 | | | | | | | | | GND | 01 | | | | TT3 | | | | 21B | |
| 62545 | | XA332 | 17 | | | | | | | | | QPERRS | 07 | PRJCTA | 01 | 2 | TT3 | B2 | | | 08B | |
| 61325 | | XA332 | 18 | | XA207 | 25 | | | 16B | 9 | | PST040 | 03 | PRJCTA | 01 | 3 | TT3 | B2 | | | 10A | |
| 61071 | | XA332 | 19 | | | | | | | | | PRJCTA | 03 | PRJCTA | 00 | 1 | TT3 | B2 | | | 09B | RECEIVER REJECT.C |
| 62234 | | XA332 | 20 | | XA208 | 25 | | | 16B | 9 | | PXXDIR | 03 | PXXDIR | 00 | 1 | TT3 | B1 | | | 11A | A05 |
| 63604 | | XA332 | 21 | | XA332 | 30 | | | 16B | 9 | | QONL20 | 10 | QRJCTA | 01 | 1 | TT3 | B3 | | | 10B | |
| 62240 | | XA332 | 22 | | XA333 | 21 | | | 16B | 9 | | PXXDIS | 03 | PXXDIR | 01 | 1 | TT3 | B1 | | | 12A | |
| 60765 | | XA332 | 23 | | XA333 | 45 | | | 16B | 9 | | PPERRS | 035 | QRJCTA | 01 | 2 | TT3 | B3 | | | 11B | |
| 61594 | | XA332 | 24 | | XA336 | 15 | | | 16B | 9 | | PXDIRA | 01 | PXXDIR | 01 | 2 | TT3 | B1 | | | 13A | |
| 61324 | | XA332 | 25 | | XA332 | 18 | | | 16B | 9 | | PST040 | 02 | QRJCTA | 01 | 3 | TT3 | B3 | | | 12B | |
| 61721 | | XA332 | 26 | | XA340 | 08 | | | 16B | 9 | | PXINHR | 03 | PXXDIR | 01 | 3 | TT3 | B1 | | | 14A | |
| 62688 | | XA332 | 27 | | XA323 | 04 | | | 16B | 9 | | QRJCTA | 01 | QRJCTA | 00 | 1 | TT3 | B3 | | | 13B | RECEIVER REJECT.C |
| 60116 | | XA332 | 28 | | | | | | | | | +5V | 01 | | | | TT3 | | | | | |
| 60784 | | XA332 | 29 | | XA305 | 37 | | | 16B | 9 | | PDLENO | 06 | QPO2NA | 01 | 1 | TT3 | C2 | | | 14B | STATE 2 |
| 63605 | | XA332 | 30 | | XA332 | 35 | | | 16B | 9 | | QONL20 | 11 | QPO2NA | 01 | 2 | TT3 | C2 | | | 15A | |
| 62662 | | XA332 | 31 | | XA333 | 19 | | | 16B | 9 | | QPO2NA | 02 | QPO2NA | 00 | 1 | TT3 | C2 | | | 15B | INTERRUPT CPU-A.C |
| 60576 | | XA332 | 32 | | | | | | | | | GND | 01 | | | | TT3 | | | | 27A | |
| 60783 | | XA332 | 33 | | XA332 | 29 | | | 16B | 9 | | PDLENO | 05 | QPO6QA | 01 | 1 | TT3 | C3 | | | 16B | SENDER |
| 61318 | | XA332 | 34 | | XA328 | 45 | | | 16B | 9 | | PST020 | 02 | QPO2NA | 01 | 3 | TT3 | C2 | | | 16A | |
| 63606 | | XA332 | 35 | | XA332 | 41 | | | 16B | 9 | | QONL20 | 12 | QPO6QA | 01 | 2 | TT3 | C3 | | | 17B | |
| 62638 | | XA332 | 36 | | | | | | | | | QLPT1A | 04 | QLPT1A | 00 | 1 | TT3 | C1 | | | 17A | SYNCED LOOP TEST |
| 61335 | | XA332 | 37 | | XA328 | 57 | | | 16B | 9 | | PST060 | 02 | QPO6QA | 01 | 3 | TT3 | C3 | | | 18B | |
| 62649 | | XA332 | 38 | | XA304 | 13 | | | 16B | 9 | | QLTS2Q | 01 | QLPT1A | 01 | 1 | TT3 | C1 | | | 18A | |
| 62665 | | XA332 | 39 | | | | | | | | | QPO6QA | 02 | QPO6QA | 00 | 1 | TT3 | C3 | | | 19B | DATA REQ. TO CPU- |
| 62563 | | XA332 | 40 | | XA305 | 30 | | | 16B | 9 | | QDLENO | 05 | QLPT1A | 01 | 2 | TT3 | C1 | | | 19A | |
| 63607 | | XA332 | 41 | | | | | | | | | QONL20 | 13 | QQ10NA | 01 | 1 | TT3 | D2 | | | 22B | 10 |
| 61539 | | XA332 | 42 | | XA334 | 10 | | | 16B | 9 | | PXCP3B | 08 | QLPT1A | 01 | 3 | TT3 | C1 | | | 20A | |
| 62677 | | XA332 | 43 | | XA333 | 74 | | | 16B | 9 | | QQ10NA | 01 | QQ10NA | 00 | 1 | TT3 | D2 | | | 23B | INTERRUPT CPU-B.S |
| 60577 | | XA332 | 44 | | | | | | | | | GND | 01 | | | | TT3 | | | | 40A | |
| 60945 | | XA332 | 45 | | XA326 | 55 | | | 16B | 9 | | PLTS2Q | 01 | PLPT1A | 01 | 1 | TT3 | D3 | | | 24B | |
| 62562 | | XA332 | 46 | | XA332 | 40 | | | 16B | 9 | | QDLENO | 04 | QQ10NA | 01 | 2 | TT3 | D2 | | | 21A | |
| 60782 | | XA332 | 47 | | XA332 | 33 | | | 16B | 9 | | PDLENO | 04 | PLPT1A | 01 | 2 | TT3 | D3 | | | 25B | |
| 62692 | | XA332 | 48 | | | | | | | | | QRJ100 | 02 | QQ10NA | 01 | 3 | TT3 | D2 | | | 22A | |
| 61538 | | XA332 | 49 | | XA332 | 42 | | | 16B | 9 | | PXCP3B | 07 | PLPT1A | 01 | 3 | TT3 | D3 | | | 26B | |
| 60951 | | XA332 | 50 | | XA333 | 50 | | | 16B | 9 | | PPERRR | 01 | PPERRR | 00 | 1 | TT3 | D1 | | | 23A | |
| 60928 | | XA332 | 51 | | XA331 | 55 | | | 16B | 9 | | PLPT1A | 01 | PLPT1A | 00 | 1 | TT3 | D3 | | | 27B | SYNCED LOOP TEST |
| 60955 | | XA332 | 52 | | XA332 | 23 | | | 16B | 9 | | PPERRS | 03 | PPERRR | 01 | 1 | TT3 | D1 | | | 24A | |
| 63452 | | XA332 | 53 | | | | | | | | | QXXDSQ | 10 | QXDBIA | 01 | 1 | TT3 | F2 | | | 28B | |
| 61838 | | XA332 | 54 | | XA304 | 52 | | | 16B | 9 | | PXRSIB | 02 | PPERRR | 01 | 2 | TT3 | D1 | | | 25A | |
| CONNECTOR XA332 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA332
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 227

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|---------------------------------|-----|--------|-----------|-----|-------|-------------|------|-------|--------|--------|----------|---------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SR FC | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 62846 | | XA332 | 55 | | | | | | | | | QXDBIA | 02 | QXDBIA | 00 | 1 | TT3 | E2 | | 29B | |
| 60950 | | XA332 | 56 | | | | | | | | | PPERIA | 03 | P.PERRR | 01 | 3 | TT3 | D1 | | 26A | A05 |
| 63049 | | XA332 | 57 | | | | | | | | | QXRCMR | 04 | QXXBCO | 01 | 1 | TT3 | E3 | | 30B | |
| 60578 | | XA332 | 58 | | | | | | | | | GND | 01 | | | | TT3 | | | 40B | |
| 63053 | | XA332 | 59 | | XA311 | 38 | | | 16B | 9 | | QXRENK | 01 | QXXBCO | 01 | 2 | TT3 | E3 | | 31B | |
| 63455 | | XA332 | 60 | | | | | | | | | QXXDOP | 03 | QXDBIA | 01 | 2 | TT3 | E2 | | 28A | |
| 61873 | | XA332 | 61 | | XA336 | 79 | | | 16B | 9 | | PXRS2B | 14 | QXXBCO | 01 | 3 | TT3 | E3 | | 32B | |
| 63472 | | XA332 | 62 | | XA314 | 14 | | | 16B | 9 | | QXXDIQ | 01 | QXDBIA | 01 | 3 | TT3 | E2 | | 29A | |
| 63292 | | XA332 | 63 | | XA310 | 41 | | | 16B | 9 | | QXXBCO | 01 | QXXBCO | 00 | 1 | TT3 | E3 | | 33B | |
| 60753 | | XA332 | 64 | | XA305 | 79 | | | 16B | 9 | | PBUSYR | 03 | PBUSYR | 00 | 1 | TT3 | E1 | | 30A | |
| 63432 | | XA332 | 65 | | XA309 | 65 | | | 16B | 9 | | QXXDIS | 02 | QXXDIR | 01 | 1 | TT3 | F2 | | 34B | |
| 60756 | | XA332 | 66 | | | | | | | | | PBUSYS | 02 | PBUSYR | 01 | 1 | TT3 | F1 | | 31A | |
| 60579 | | XA332 | 67 | | | | | | | | | GND | 01 | | | | TT3 | | | | |
| 62476 | | XA332 | 68 | | | | | | | | | P0809A | 03 | PBUSYR | 01 | 2 | TT3 | F1 | | 32A | |
| 63408 | | XA332 | 69 | | XA311 | 52 | | | 16B | 9 | | QXXDDP | 01 | QXXDRO | 01 | 1 | TT3 | F3 | | 35A | |
| 61872 | | XA332 | 70 | | XA332 | 61 | | | 16B | 9 | | PXRS2B | 13 | PBUSYR | 01 | 3 | TT3 | E1 | | 33A | |
| 62895 | | XA332 | 71 | | XA336 | 51 | | | 16B | 9 | | QXDIRA | 01 | QXXDIR | 01 | 2 | TT3 | F2 | | 36A | |
| 63017 | | XA332 | 72 | | | | | | | | | QXINHR | 05 | QXXDIR | 01 | 3 | TT3 | F2 | | 34A | |
| 62653 | | XA332 | 73 | | XA333 | 79 | | | 16B | 9 | | QPERRR | 01 | QPERRR | 00 | 1 | TT3 | F1 | | 36B | |
| 63430 | | XA332 | 74 | | | | | | | | | QXXDIR | 06 | QXXDIR | 00 | 1 | TT3 | F2 | | 35B | |
| 62657 | | XA332 | 75 | | XA333 | 76 | | | 16B | 9 | | QPERRS | 03 | QPERRR | 01 | 1 | TT3 | F1 | | 37B | |
| 63417 | | XA332 | 76 | | XA314 | 49 | | | 16B | 9 | | QXXDIP | 02 | QXXDRO | 01 | 2 | TT3 | F3 | | 37A | |
| 61871 | | XA332 | 77 | | XA332 | 70 | | | 16B | 9 | | PXRS2B | 12 | QPERRR | 01 | 2 | TT3 | F1 | | 38B | |
| 63442 | | XA332 | 78 | | | | | | | | | QXXDSP | 03 | QXXDRO | 01 | 3 | TT3 | F3 | | 38A | |
| 62652 | | XA332 | 79 | | XA332 | 56 | | | 16B | 9 | | PPERIA | 02 | QPERRR | 01 | 3 | TT3 | F1 | | 39B | |
| 63438 | | XA332 | 80 | | XA207 | 65 | | | 16B | 9 | | QXXDRO | 01 | QXXDRO | 00 | 1 | TT3 | F3 | | 39A | A05 |
| 60820 | | XA333 | 01 | | XA328 | 15 | | | 16B | 9 | | PDVOFA | 01 | PXXCIO | 01 | 1 | TD4 | A2 | | 02B | |
| 60580 | | XA333 | 02 | | | | | | | | | GND | 01 | | | | TD4 | | | 01A | |
| 60268 | | XA333 | 03 | | | | | | | | | DNW | 01 | | | | TD4 | | | | |
| 60823 | | XA333 | 04 | | | | | | | | | PDVONA | 02 | PXXCIO | 01 | 2 | TD4 | A2 | | 04A | |
| 61999 | | XA333 | 05 | | XA331 | 35 | | | 16B | 9 | | PXSSOA | 02 | PXXCIO | 01 | 3 | TD4 | A2 | | 03B | |
| 61758 | | XA333 | 06 | | XA334 | 01 | | | 16B | 9 | | PXRCMR | 01 | PXXADO | 01 | 1 | TD4 | A1 | | 05A | |
| 62343 | | XA333 | 07 | | | | | | | | | PXOD3A | 05 | PXXCIO | 01 | 4 | TD4 | A2 | | 03A | |
| 61767 | | XA333 | 08 | | XA334 | 09 | | | 16B | 9 | | PXRENK | 03 | PXXADO | 01 | 2 | TD4 | A1 | | 06A | |
| 62177 | | XA333 | 09 | | XA335 | 41 | | | 16B | 9 | | PXXCIO | 02 | PXXCIO | 00 | 1 | TD4 | A2 | | 04B | |
| 61774 | | XA333 | 10 | | XA334 | 15 | | | 16B | 9 | | PXRPCR | 02 | PXXADO | 01 | 3 | TD4 | A1 | | 07A | |
| 62048 | | XA333 | 11 | | | | | | | | | PXXADO | 02 | PXXADO | 00 | 1 | TD4 | A1 | | 05B | |
| 60117 | | XA333 | 12 | | | | | | | | | +5V | 01 | | | | TD4 | | | | |
| 62037 | | XA333 | 13 | | | | | | | | | PXXACA | 02 | PXXADO | 01 | 4 | TD4 | A1 | | 06B | |
| 62233 | | XA333 | 14 | | XA332 | 20 | | | 16B | 9 | | PXXDIR | 02 | PXXDIS | 01 | 1 | TD4 | B2 | | 09A | |
| 60269 | | XA333 | 15 | | | | | | | | | DNW | 01 | | | | TD4 | | | | |
| 60581 | | XA333 | 16 | | | | | | | | | GND | 01 | | | | TD4 | | | 20B | |
| 60270 | | XA333 | 17 | | | | | | | | | DNW | 01 | | | | TD4 | | | | |
| 62666 | | XA333 | 18 | | XA331 | 60 | | | 16B | 9 | | QP08NA | 01 | PXXDIS | 01 | 2 | TD4 | B2 | | 10A | |
| 62663 | | XA333 | 19 | | | | | | | | | QP02NA | 03 | PXXDIS | 01 | 3 | TD4 | B2 | | 09B | |
| 60959 | | XA333 | 20 | | XA331 | 66 | | | 16B | 9 | | PPIQNA | 01 | PXXDIS | 01 | 4 | TD4 | B2 | | 11A | |
| 62241 | | XA333 | 21 | | XA335 | 62 | | | 16B | 9 | | PXXDIS | 04 | PXXDIS | 00 | 1 | TD4 | B2 | | 10B | |
| 62169 | | XA333 | 22 | | XA332 | 06 | | | 16B | 9 | | PXXCIP | 01 | PXXCRO | 01 | 1 | TD4 | B1 | | 12A | |
| CONNECTOR | XA333 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA333
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 228

| RECORD NUMBER | FROM | | | 21 IN | TO | | | WIRE | | | | SPEC. INSTRUCTIONS | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | FCO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|--------|-------------|------|-------|--------------------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | SH. FC | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 62181 | | XA333 | 23 | | | XA330 | 50 | | | 16B | 9 | | PXXCR0 | 03 | PXXCR0 | 00 | 1 | TD4 | B1 | | 11B | | |
| 62216 | | XA333 | 24 | | | XA329 | 59 | | | 16B | 9 | | PXXDDP | 02 | PXXCR0 | 01 | 2 | TD4 | B1 | | 13A | | |
| 62224 | | XA333 | 25 | | | XA336 | 23 | | | 16B | 9 | | PXXDIP | 02 | PXXCR0 | 01 | 3 | TD4 | B1 | | 12B | | |
| 62248 | | XA333 | 26 | | | XA336 | 25 | | | 16B | 9 | | PXXDSP | 02 | PXXCR0 | 01 | 4 | TD4 | B1 | | 14A | | |
| 60271 | | XA333 | 27 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 60118 | | XA333 | 28 | | | | | | | | | | +5V | 01 | | | | TD4 | | | | | |
| 60272 | | XA333 | 29 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 61503 | | XA333 | 30 | | | XA336 | 22 | | | 16B | 9 | | PXCA10 | 04 | PXOR0A | 01 | 1 | TD4 | C2 | | 15A | | |
| 61582 | | XA333 | 31 | | | XA336 | 17 | | | 16B | 9 | | PXDEVA | 03 | PXOR0A | 01 | 2 | TD4 | C2 | | 15B | | |
| 60582 | | XA333 | 32 | | | | | | | | | | GND | 01 | | | | TD4 | | | | 21B | |
| 62362 | | XA333 | 33 | | | | | | | | | | PXOR0A | 02 | PXOR0A | 00 | 1 | TD4 | C2 | | 16B | | |
| 62356 | | XA333 | 34 | | | XA334 | 72 | | | 16B | 9 | | PXOFRO | 01 | PXOR0A | 01 | 3 | TD4 | C2 | | 16A | | |
| 62320 | | XA333 | 35 | | | XA334 | 77 | | | 16B | 9 | | PXX05A | 01 | PXX05A | 00 | 1 | TD4 | C1 | | 17B | | |
| 62383 | | XA333 | 36 | | | XA209 | 30 | | | 16B | 9 | | P0FRNO | 01 | PXOR0A | 01 | 4 | TD4 | C2 | | 17A | | |
| 62112 | | XA333 | 37 | | | XA335 | 54 | | | 16B | 9 | | PXXBOP | 03 | PXX05A | 01 | 1 | TD4 | C1 | | 18B | | |
| 62139 | | XA333 | 38 | | | XA334 | 31 | | | 16B | 9 | | PXXB2P | 03 | PXX05A | 01 | 2 | TD4 | C1 | | 18A | | |
| 60273 | | XA333 | 39 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 62050 | | XA333 | 40 | | | XA331 | 34 | | | 16B | 9 | | PXXAOP | 02 | PXX05A | 01 | 3 | TD4 | C1 | | 19A | | |
| 60274 | | XA333 | 41 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 62061 | | XA333 | 42 | | | XA331 | 36 | | | 16B | 9 | | PXXA1Q | 02 | PXX05A | 01 | 4 | TD4 | C1 | | 20A | | |
| 63564 | | XA333 | 43 | | | | | | | | | | QOLPEA | 02 | PPERRS | 01 | 1 | TD4 | D2 | | 23B | | |
| 60583 | | XA333 | 44 | | | | | | | | | | GND | 01 | | | | TD4 | | | | 27A | |
| 60956 | | XA333 | 45 | | | XA338 | 45 | | | 16B | 9 | | PPERRS | 04 | PPERRS | 00 | 1 | TD4 | D2 | | 24B | PARITY ERROR BIT | |
| 61597 | | XA333 | 46 | | | | | | | | | | PXDPEA | 02 | PPERRS | 01 | 2 | TD4 | D2 | | 21A | | |
| 61612 | | XA333 | 47 | | | | | | | | | | PXDVOA | 02 | PXDVOA | 00 | 1 | TD4 | D1 | | 25B | | |
| 62326 | | XA333 | 48 | | | | | | | | | | PX0DEA | 02 | PPERRS | 01 | 3 | TD4 | D2 | | 22A | | |
| 61502 | | XA333 | 49 | | | XA333 | 30 | | | 16B | 9 | | PXCA10 | 03 | PXDVOA | 01 | 1 | TD4 | D1 | | 26B | | |
| 60952 | | XA333 | 50 | | | | | | | | | | PPERRR | 02 | PPERRS | 01 | 4 | TD4 | D2 | | 23A | | |
| 60275 | | XA333 | 51 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 61593 | | XA333 | 52 | | | | | | | | | | PXDEVO | 03 | PXDVOA | 01 | 2 | TD4 | D1 | | 24A | | |
| 60276 | | XA333 | 53 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 61602 | | XA333 | 54 | | | | | | | | | | PXDVCO | 03 | PXDVOA | 01 | 3 | TD4 | D1 | | 25A | | |
| 61978 | | XA333 | 55 | | | XA318 | 20 | | | 16B | 9 | | PXR6CS | 05 | PXEAOA | 01 | 1 | TD4 | E2 | | 29B | | |
| 60751 | | XA333 | 56 | | | XA334 | 61 | | | 16B | 9 | | PBUSYR | 01 | PXDVOA | 01 | 4 | TD4 | D1 | | 26A | | |
| 61642 | | XA333 | 57 | | | XA341 | 73 | | | 16B | 9 | | PXEAOA | 03 | PXEAOA | 00 | 1 | TD4 | E2 | | 30B | | |
| 60584 | | XA333 | 58 | | | | | | | | | | GND | 01 | | | | TD4 | | | | 40A | |
| 60962 | | XA333 | 59 | | | XA331 | 64 | | | 16B | 9 | | PP480A | 01 | PP480A | 00 | 1 | TD4 | E1 | | 31B | DATA REQUEST TO C | |
| 61770 | | XA333 | 60 | | | XA334 | 03 | | | 16B | 9 | | PXRENS | 01 | PXEAOA | 01 | 2 | TD4 | E2 | | 28A | | |
| 61368 | | XA333 | 61 | | | XA327 | 30 | | | 16B | 9 | | PST480 | 01 | PP480A | 01 | 1 | TD4 | E1 | | 32B | STATE 4 OR 8 | |
| 62323 | | XA333 | 62 | | | XA340 | 25 | | | 16B | 9 | | PXX050 | 02 | PXEAOA | 01 | 3 | TD4 | E2 | | 29A | | |
| 60277 | | XA333 | 63 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 61897 | | XA333 | 64 | | | XA331 | 38 | | | 16B | 9 | | PXROPA | 01 | PXEAOA | 01 | 4 | TD4 | E2 | | 30A | | |
| 60278 | | XA333 | 65 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 60781 | | XA333 | 66 | | | XA332 | 47 | | | 16B | 9 | | PDLENO | 03 | PP480A | 01 | 2 | TD4 | E1 | | 31A | | |
| 60585 | | XA333 | 67 | | | | | | | | | | GND | 01 | | | | TD4 | | | | 40B | |
| 60911 | | XA333 | 68 | | | XA326 | 69 | | | 16B | 9 | | PEOBOP | 01 | PP480A | 01 | 3 | TD4 | E1 | | 32A | | |
| 63431 | | XA333 | 69 | | | XA332 | 65 | | | 16B | 9 | | QXXDIS | 01 | QXXDIS | 00 | 1 | TD4 | F2 | | 35A | | |
| 62435 | | XA333 | 70 | | | XA336 | 53 | | | 16B | 9 | | PONL20 | 08 | PP480A | 01 | 4 | TD4 | E1 | | 33A | | |
| 63429 | | XA333 | 71 | | | XA332 | 74 | | | 16B | 9 | | QXXDIR | 05 | QXXDIS | 01 | 1 | TD4 | F2 | | 36A | | |
| 60981 | | XA333 | 72 | | | XA340 | 59 | | | 16B | 9 | | PQ08NA | 02 | QXXDIS | 01 | 2 | TD4 | F2 | | 34A | | |
| CONNECTOR (XA333) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA333
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 229

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|---------------------------------|--------|-----------|-----|------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|-------------------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SAFE | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 60976 | | XA333 | 73 | | XA336 | 55 | | | 16B | 9 | | P002NA | 02 | QXXDIS | 01 | 3 | TD4 | F2 | | 36B | | |
| 62678 | | XA333 | 74 | | XA308 | 66 | | | 16B | 9 | | Q010NA | 02 | QXXDIS | 01 | 4 | TD4 | F2 | | 35B | | |
| 62392 | | XA333 | 75 | | | | | | | | | POLPEA | 02 | QPERRS | 01 | 1 | TD4 | F1 | | 37B | | |
| 62658 | | XA333 | 76 | | XA339 | 62 | | | 16B | 9 | | QPERRS | 04 | QPERRS | 00 | 1 | TD4 | F1 | | 37A | | PARITY ERROR BIT |
| 62898 | | XA333 | 77 | | | | | | | | | QXDPEA | 02 | QPERRS | 01 | 2 | TD4 | F1 | | 38B | | |
| 63518 | | XA333 | 78 | | XA203 | 50 | | | 16B | 9 | | QXODEA | 01 | QPERRS | 01 | 3 | TD4 | F1 | | 38A | | |
| 62654 | | XA333 | 79 | | | | | | | | | QPERRR | 02 | QPERRS | 01 | 4 | TD4 | F1 | | 39B | | |
| 60279 | | XA333 | 80 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 61759 | | XA334 | 01 | | XA335 | 04 | | | 16B | 9 | | PXRCMR | 02 | PXRCMR | 00 | 1 | TQ2 | A2 | | 02B | | |
| 60586 | | XA334 | 02 | | | | | | | | | GND | 01 | | | | TQ2 | | | 01A | | |
| 61771 | | XA334 | 03 | | XA335 | 09 | | | 16B | 9 | | PXRENS | 02 | PXRENR | 01 | 1 | TQ2 | A3 | | 02A | | |
| 61763 | | XA334 | 04 | | XA335 | 01 | | | 16B | 9 | | PXRCMS | 02 | PXRCMR | 01 | 1 | TQ2 | A2 | | 04A | | |
| 61784 | | XA334 | 05 | | XA334 | 07 | | | 16B | 9 | | PXRRSA | 01 | PXRCMR | 01 | 2 | TQ2 | A2 | | 03B | | |
| 61653 | | XA334 | 06 | | XA330 | 10 | | | 16B | 9 | | PXEB1A | 01 | PXEB1A | 00 | 1 | TQ2 | A1 | | 05A | | |
| 61785 | | XA334 | 07 | | XA334 | 13 | | | 16B | 9 | | PXRRSA | 02 | PXRENR | 01 | 2 | TQ2 | A3 | | 03A | | |
| 61656 | | XA334 | 08 | | XA329 | 13 | | | 16B | 9 | | PXEB1Q | 01 | PXEB1A | 01 | 1 | TQ2 | A1 | | 06A | | |
| 61768 | | XA334 | 09 | | | | | | | | | PXRENR | 04 | PXRENR | 00 | 1 | TQ2 | A3 | | 04B | | A05 |
| 61540 | | XA334 | 10 | | XA342 | 19 | | | 16B | 9 | | PXCP3B | 09 | PXEB1A | 01 | 2 | TQ2 | A1 | | 07A | | |
| 61778 | | XA334 | 11 | | XA335 | 15 | | | 16B | 9 | | PXRPCS | 03 | PXRPCR | 01 | 1 | TQ2 | A4 | | 05B | | |
| 60119 | | XA334 | 12 | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 61786 | | XA334 | 13 | | XA335 | 22 | | | 16B | 9 | | PXRRSA | 03 | PXRPCR | 01 | 2 | TQ2 | A4 | | 06B | | |
| 62077 | | XA334 | 14 | | | | | | | | | PXXA4A | 02 | PXXA4A | 00 | 1 | TQ2 | B2 | | 09A | | I/O STATE COUNTER |
| 61775 | | XA334 | 15 | | | | | | | | | PXRPCR | 03 | PXRPCR | 00 | 1 | TQ2 | A4 | | 07B | | |
| 60587 | | XA334 | 16 | | | | | | | | | GND | 01 | | | | TQ2 | | | 01B | | |
| 62049 | | XA334 | 17 | | XA333 | 40 | | | 16B | 9 | | PXXA0P | 01 | PXXA5A | 01 | 1 | TQ2 | B3 | | 08B | | |
| 62055 | | XA334 | 18 | | XA330 | 18 | | | 16B | 9 | | PXXA0Q | 01 | PXXA4A | 01 | 1 | TQ2 | B2 | | 10A | | |
| 62060 | | XA334 | 19 | | XA333 | 42 | | | 16B | 9 | | PXXA1Q | 01 | PXXA5A | 01 | 2 | TQ2 | B3 | | 09B | | |
| 62073 | | XA334 | 20 | | XA334 | 34 | | | 16B | 9 | | PXXA3Q | 01 | PXXA4A | 01 | 2 | TQ2 | B2 | | 11A | | |
| 62081 | | XA334 | 21 | | | | | | | | | PXXA5A | 02 | PXXA5A | 00 | 1 | TQ2 | B3 | | 10B | | I/O STATE COUNTER |
| 61796 | | XA334 | 22 | | XA335 | 24 | | | 16B | 9 | | PXRRSO | 01 | PXRRSO | 00 | 1 | TQ2 | B1 | | 12A | | |
| 62047 | | XA334 | 23 | | XA333 | 11 | | | 16B | 9 | | PXXADO | 01 | PXXADA | 01 | 1 | TQ2 | B4 | | 11B | | |
| 62094 | | XA334 | 24 | | | | | | | | | PXXA6A | 02 | PXRRSO | 01 | 1 | TQ2 | B1 | | 13A | | |
| 64141 | | XA334 | 25 | | XA335 | 26 | | | 16B | 9 | | SPT0203 | 32 | PXXADA | 01 | 2 | TQ2 | B4 | | 12B | | |
| 61837 | | XA334 | 26 | | XA332 | 54 | | | 16B | 9 | | PXRS1B | 01 | PXRRSO | 01 | 2 | TQ2 | R1 | | 14A | | |
| 62045 | | XA334 | 27 | | XA326 | 06 | | | 16B | 9 | | PXXADA | 01 | PXXADA | 00 | 1 | TQ2 | B4 | | 13B | | I/O STATE COUNTER |
| 60120 | | XA334 | 28 | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 62111 | | XA334 | 29 | | XA333 | 37 | | | 16B | 9 | | PXXB0P | 02 | PXXB0A | 01 | 1 | TQ2 | C3 | | 14B | | |
| 62104 | | XA334 | 30 | | | | | | | | | PXXBK0 | 04 | PXXBK0 | 00 | 1 | TQ2 | C2 | | 15A | | I/O BYTE COUNTER |
| 62140 | | XA334 | 31 | | XA335 | 31 | | | 16B | 9 | | PXXB2P | 04 | PXXB0A | 01 | 2 | TQ2 | C3 | | 15B | | |
| 60588 | | XA334 | 32 | | | | | | | | | GND | 01 | | | | TQ2 | | | 20B | | |
| 62107 | | XA334 | 33 | | XA335 | 40 | | | 16B | 9 | | PXXB0A | 03 | PXXB0A | 00 | 1 | TQ2 | C3 | | 16B | | I/O BYTE COUNTER |
| 62074 | | XA334 | 34 | | XA330 | 37 | | | 16B | 9 | | PXXA3Q | 02 | PXXBK0 | 01 | 1 | TQ2 | C2 | | 16A | | |
| 62121 | | XA334 | 35 | | | | | | | | | PXXR1A | 02 | PXXB10 | 01 | 1 | TQ2 | C4 | | 17B | | |
| 64139 | | XA334 | 36 | | XA334 | 37 | | | 16B | 9 | | SPT0203 | 30 | PXXBK0 | 01 | 2 | TQ2 | C2 | | 17A | | |
| 64140 | | XA334 | 37 | | XA334 | 25 | | | 16B | 9 | | SPT0203 | 31 | PXXB10 | 01 | 2 | TQ2 | C4 | | 18B | | |
| 62098 | | XA334 | 38 | | | | | | | | | PXXBCA | 04 | PXXBCA | 00 | 1 | TQ2 | C1 | | 18A | | I/O BYTE COUNTER |
| 62131 | | XA334 | 39 | | XA331 | 04 | | | 16B | 9 | | PXXB10 | 03 | PXXB10 | 00 | 1 | TQ2 | C4 | | 19B | | |
| 62100 | | XA334 | 40 | | | | | | | | | PXXBC0 | 02 | PXXBCA | 01 | 1 | TQ2 | C1 | | 19A | | |
| CONNECTOR | | XA334 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA334
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 230

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GRP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------|--------|----------|------|------|------------------|-----|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FC | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 62150 | | XA334 | 41 | | | XA335 | 39 | | | 16B | 9 | | PXXB3A | 01 | PXXB30 | 01 | 1 | TQ2 | D3 | | 22B | | |
| 64138 | | XA334 | 42 | | | XA334 | 36 | | | 16B | 9 | | SPIO203 | 29 | PXXBCA | 01 | 2 | TQ2 | C1 | | 20A | | |
| 64137 | | XA334 | 43 | | | XA334 | 42 | | | 16B | 9 | | SPIO203 | 28 | PXXB30 | 01 | 2 | TQ2 | D3 | | 23B | | |
| 60589 | | XA334 | 44 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 21B | | |
| 62155 | | XA334 | 45 | | | XA336 | 35 | | | 16B | 9 | | PXXB30 | 02 | PXXB30 | 00 | 1 | TQ2 | D3 | | 24B | | |
| 62148 | | XA334 | 46 | | | XA340 | 62 | | | 16B | 9 | | PXXB20 | 04 | PXXB20 | 00 | 1 | TQ2 | D2 | | 21A | | |
| 62158 | | XA334 | 47 | | | | | | | | | | PXXB4A | 02 | PXXB40 | 01 | 1 | TQ2 | D4 | | 25B | | |
| 62134 | | XA334 | 48 | | | XA335 | 33 | | | 16B | 9 | | PXXB2A | 01 | PXXB20 | 01 | 1 | TQ2 | D2 | | 22A | | |
| 64136 | | XA334 | 49 | | | XA334 | 43 | | | 16B | 9 | | SPIO203 | 27 | PXXB40 | 01 | 2 | TQ2 | D4 | | 26B | | |
| 64135 | | XA334 | 50 | | | XA334 | 49 | | | 16B | 9 | | SPIO203 | 26 | PXXB20 | 01 | 2 | TQ2 | D2 | | 23A | | |
| 62160 | | XA334 | 51 | | | XA336 | 54 | | | 16B | 9 | | PXXB40 | 02 | PXXB40 | 00 | 1 | TQ2 | D4 | | 27B | | |
| 61729 | | XA334 | 52 | | | XA332 | 05 | | | 16B | 9 | | PXIRCO | 02 | PXIRCO | 00 | 1 | TQ2 | D1 | | 24A | | |
| 61129 | | XA334 | 53 | | | XA327 | 14 | | | 16B | 9 | | PRTDEA | 01 | PXXDDO | 01 | 1 | TQ2 | E3 | | 28B | | |
| 61912 | | XA334 | 54 | | | XA317 | 33 | | | 16B | 9 | | PXR094T | 01 | PXIRCO | 01 | 1 | TQ2 | D1 | | 25A | | |
| 60941 | | XA334 | 55 | | | XA328 | 14 | | | 16B | 9 | | PLTEOA | 01 | PXXDDO | 01 | 2 | TQ2 | E3 | | 29B | | |
| 64134 | | XA334 | 56 | | | XA334 | 50 | | | 16B | 9 | | SPIO203 | 25 | PXIRCO | 01 | 2 | TQ2 | D1 | | 26A | | |
| 62219 | | XA334 | 57 | | | | | | | | | | PXXDDO | 02 | PXXDDO | 00 | 1 | TQ2 | E3 | | 30B | | |
| 60590 | | XA334 | 58 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 27A | | |
| 62461 | | XA334 | 59 | | | XA331 | 75 | | | 16B | 9 | | P0405A | 01 | PBUSYS | 01 | 1 | TQ2 | E4 | | 31B | | |
| 62190 | | XA334 | 60 | | | XA208 | 50 | | | 16B | 9 | | PXXCS0 | 02 | PXXCS0 | 00 | 1 | TQ2 | E2 | | 28A | A05 | |
| 60752 | | XA334 | 61 | | | XA332 | 64 | | | 16B | 9 | | PBUSYR | 02 | PBUSYS | 01 | 2 | TQ2 | E4 | | 32B | | |
| 62188 | | XA334 | 62 | | | | | | | | | | PXXCSA | 02 | PXXCS0 | 01 | 1 | TQ2 | E2 | | 29A | | |
| 60755 | | XA334 | 63 | | | XA332 | 66 | | | 16B | 9 | | PBUSYS | 01 | PBUSYS | 00 | 1 | TQ2 | E4 | | 33B | DEV INHIBIT, STAT | |
| 64133 | | XA334 | 64 | | | XA334 | 56 | | | 16B | 9 | | SPIO203 | 24 | PXXCS0 | 01 | 2 | TQ2 | E2 | | 30A | | |
| 61921 | | XA334 | 65 | | | XA320 | 09 | | | 16B | 9 | | P0NLNP | 005 | PSTRSA | 01 | 1 | TQ2 | F3 | | 34B | | |
| 62165 | | XA334 | 66 | | | XA336 | 46 | | | 16B | 9 | | PXXB50 | 01 | PXXB50 | 00 | 1 | TQ2 | F1 | | 31A | | |
| 60591 | | XA334 | 67 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 40A | | |
| 62163 | | XA334 | 68 | | | XA340 | 72 | | | 16B | 9 | | PXXB5A | 02 | PXXB50 | 01 | 1 | TQ2 | E1 | | 32A | | |
| 60739 | | XA334 | 69 | | | | | | | | | | PSTRSA | 02 | PSTRSA | 00 | 1 | TQ2 | F3 | | 35A | | |
| 64132 | | XA334 | 70 | | | XA334 | 64 | | | 16B | 9 | | SPIO203 | 23 | PXXB50 | 01 | 2 | TQ2 | F1 | | 33A | | |
| 61924 | | XA334 | 71 | | | XA317 | 31 | | | 16B | 9 | | PXR098T | 01 | PXOFRO | 01 | 1 | TQ2 | F2 | | 34A | | |
| 62357 | | XA334 | 72 | | | | | | | | | | PXOFRO | 02 | PXOFRO | 00 | 1 | TQ2 | F2 | | 34A | | |
| 64130 | | XA334 | 73 | | | XA334 | 70 | | | 16B | 9 | | SPIO203 | 21 | PXOFRO | 01 | 2 | TQ2 | F2 | | 36B | | |
| 64131 | | XA334 | 74 | | | | | | | | | | Q0NLNP | 05 | PSTRSA | 01 | 2 | TQ2 | F3 | | 35B | | |
| 62322 | | XA334 | 75 | | | XA333 | 62 | | | 16B | 9 | | PXX050 | 01 | PXX050 | 00 | 1 | TQ2 | F1 | | 37B | I/O BYTE COUNT=0 | |
| 62525 | | XA334 | 76 | | | XA330 | 61 | | | 16B | 9 | | P20DLQ | 02 | PDLENA | 01 | 1 | TQ2 | F4 | | 37A | RECEIVED. CPU-A | |
| 62321 | | XA334 | 77 | | | | | | | | | | PXX05A | 02 | PXX050 | 01 | 1 | TQ2 | F1 | | 38B | | |
| 62299 | | XA334 | 78 | | | XA326 | 76 | | | 16B | 9 | | PXXREP | 03 | PDLENA | 01 | 2 | TQ2 | F4 | | 38A | | |
| 64129 | | XA334 | 79 | | | XA334 | 73 | | | 16B | 9 | | SPIO203 | 20 | PXX050 | 01 | 2 | TQ2 | F1 | | 39B | | |
| 60777 | | XA334 | 80 | | | XA335 | 65 | | | 16B | 9 | | PDLENA | 01 | PDLENA | 00 | 1 | TQ2 | F4 | | 39A | REQ. DELAY ENDED. | |
| 61764 | | XA335 | 01 | | | | | | | | | | PXRCMS | 03 | PXRCMS | 00 | 1 | TQ2 | A2 | | 02B | I/O INPUT REG COM | |
| 60592 | | XA335 | 02 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01A | | |
| 61766 | | XA335 | 03 | | | XA333 | 08 | | | 16B | 9 | | PXRENr | 02 | PXRENS | 01 | 1 | TQ2 | A3 | | 02A | | |
| 61760 | | XA335 | 04 | | | XA336 | 06 | | | 16B | 9 | | PXRCMR | 03 | PXRCMS | 01 | 1 | TQ2 | A2 | | 04A | | |
| 61391 | | XA335 | 05 | | | | | | | | | | PXACMB4 | 03 | PXRCMS | 01 | 2 | TQ2 | A2 | | 03B | | |
| 62036 | | XA335 | 06 | | | XA333 | 13 | | | 16B | 9 | | PXXACA | 01 | PXXACA | 00 | 1 | TQ2 | A1 | | 05A | | |
| 61396 | | XA335 | 07 | | | XA343 | 01 | | | 16B | 9 | | PXAENB4 | 01 | PXRENS | 01 | 2 | TQ2 | A3 | | 03A | | |
| 62043 | | XA335 | 08 | | | XA331 | 47 | | | 16B | 9 | | PXXACO | 01 | PXXACA | 01 | 1 | TQ2 | A1 | | 06A | | |
| CONNECTOR (XA335) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA335
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 231

| RECORD NUMBER | FROM | | | DR | TO | | | WIRE | | | | SPEC INSC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|----|--------|-----------|-----|------|-------------|------|-------|-----------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | SIZE | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 61772 | | XA335 | 09 | | | | | | | | | PXRENS | 03 | PXRENS | 00 | 1 | TQ2 | A3 | | 04B | I/O INPUT REG ENA | | |
| 64143 | | XA335 | 10 | | XA 544 | 65 | | | 16B | 9 | | SPIO203 | 34 | PXXACA | 01 | 2 | TQ2 | A1 | | 07A | | | |
| 61773 | | XA335 | 11 | | XA 333 | 10 | | | 16B | 9 | | PXRPCR | 01 | PXRPCS | 01 | 1 | TQ2 | A4 | | 05B | | | |
| 60121 | | XA335 | 12 | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | | |
| 61421 | | XA335 | 13 | | | | | | | | | PXAPCB4 | 03 | PXRPCS | 01 | 2 | TQ2 | A4 | | 06B | | | |
| 62093 | | XA335 | 14 | | XA 334 | 24 | | | 16B | 9 | | PXXA6A | 01 | PXXA6A | 00 | 1 | TQ2 | B2 | | 09A | I/O STATE COUNTER | | |
| 61779 | | XA335 | 15 | | | | | | | | | PXRPCS | 04 | PXRPCS | 00 | 1 | TQ2 | A4 | | 07B | I/O INPUT REG PAR | | |
| 60593 | | XA335 | 16 | | | | | | | | | GND | 01 | | | | TQ2 | | | 01B | | | |
| 62076 | | XA335 | 17 | | XA 334 | 14 | | | 16B | 9 | | PXXA4A | 01 | PXXA40 | 01 | 1 | TQ2 | B3 | | 08B | | | |
| 62058 | | XA335 | 18 | | XA 330 | 21 | | | 16B | 9 | | PXXA1P | 01 | PXXA6A | 01 | 1 | TQ2 | B2 | | 10A | | | |
| 64157 | | XA335 | 19 | | XA 335 | 25 | | | 16B | 9 | | SPIO223 | 01 | PXXA40 | 01 | 2 | TQ2 | B3 | | 09B | | | |
| 62067 | | XA335 | 20 | | XA 330 | 40 | | | 16B | 9 | | PXXA2Q | 01 | PXXA6A | 01 | 2 | TQ2 | B2 | | 11A | | | |
| 62079 | | XA335 | 21 | | | | | | | | | PXXA4A | 02 | PXXA40 | 00 | 1 | TQ2 | B3 | | 10B | | | |
| 61787 | | XA335 | 22 | | XA 341 | 43 | | | 16B | 9 | | PXRRSA | 04 | PXRRSA | 00 | 1 | TQ2 | B1 | | 12A | I/O INPUT REG RES | | |
| 62080 | | XA335 | 23 | | XA 334 | 21 | | | 16B | 9 | | PXXA5A | 01 | PXXA50 | 01 | 1 | TQ2 | B4 | | 11B | | | |
| 61797 | | XA335 | 24 | | | | | | | | | PXRRS0 | 02 | PXRRSA | 01 | 1 | TQ2 | B1 | | 13A | | | |
| 64158 | | XA335 | 25 | | XA 337 | 43 | | | 16B | 9 | | SPIO223 | 02 | PXXA50 | 01 | 2 | TQ2 | B4 | | 12B | | | |
| 64142 | | XA335 | 26 | | XA 335 | 10 | | | 16B | 9 | | SPIO203 | 33 | PXRRSA | 01 | 2 | TQ2 | B1 | | 14A | | | |
| 62084 | | XA335 | 27 | | XA 336 | 37 | | | 16B | 9 | | PXXA50 | 03 | PXXA50 | 00 | 1 | TQ2 | B4 | | 13B | | | |
| 60122 | | XA335 | 28 | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | | |
| 62126 | | XA335 | 29 | | XA 330 | 34 | | | 16B | 9 | | PXXB1Q | 02 | PXXB2A | 01 | 1 | TQ2 | C3 | | 14B | | | |
| 62120 | | XA335 | 30 | | XA 334 | 35 | | | 16B | 9 | | PXXB1A | 01 | PXXB1A | 00 | 1 | TQ2 | C2 | | 15A | I/O BYTE COUNTER | | |
| 62141 | | XA335 | 31 | | | | | | | | | PXXB2P | 05 | PXXB2A | 01 | 2 | TQ2 | C3 | | 15B | | | |
| 60594 | | XA335 | 32 | | | | | | | | | GND | 01 | | | | TQ2 | | | 20B | | | |
| 62135 | | XA335 | 33 | | XA 340 | 18 | | | 16B | 9 | | PXXB2A | 02 | PXXB2A | 00 | 1 | TQ2 | C3 | | 16B | I/O BYTE COUNTER | | |
| 62114 | | XA335 | 34 | | XA 335 | 35 | | | 16B | 9 | | PXXB0Q | 01 | PXXB1A | 01 | 1 | TQ2 | C2 | | 16A | | | |
| 62115 | | XA335 | 35 | | XA 329 | 34 | | | 16B | 9 | | PXXB0Q | 02 | PXXB3A | 01 | 1 | TQ2 | C4 | | 17B | | | |
| 62123 | | XA335 | 36 | | XA 335 | 48 | | | 16B | 9 | | PXXB1P | 02 | PXXB1A | 01 | 2 | TQ2 | C2 | | 17A | | | |
| 62143 | | XA335 | 37 | | XA 330 | 31 | | | 16B | 9 | | PXXB2Q | 02 | PXXB3A | 01 | 2 | TQ2 | C4 | | 18B | | | |
| 62119 | | XA335 | 38 | | | | | | | | | PXXB00 | 02 | PXXB00 | 00 | 1 | TQ2 | C1 | | 18A | | | |
| 62151 | | XA335 | 39 | | XA 340 | 40 | | | 16B | 9 | | PXXB3A | 02 | PXXB3A | 00 | 1 | TQ2 | C4 | | 19B | I/O BYTE COUNTER | | |
| 62108 | | XA335 | 40 | | XA 336 | 77 | | | 16B | 9 | | PXXB0A | 04 | PXXB00 | 01 | 1 | TQ2 | C1 | | 19A | | | |
| 62178 | | XA335 | 41 | | | | | | | | | PXXC10 | 03 | PXXC1A | 01 | 1 | TQ2 | D3 | | 22B | | | |
| 64160 | | XA335 | 42 | | XA 335 | 43 | | | 16B | 9 | | SPIO223 | 04 | PXXB00 | 01 | 2 | TQ2 | C1 | | 20A | | | |
| 64161 | | XA335 | 43 | | XA 335 | 55 | | | 16B | 9 | | SPIO223 | 05 | PXXC1A | 01 | 2 | TQ2 | D3 | | 23B | | | |
| 60595 | | XA335 | 44 | | | | | | | | | GND | 01 | | | | TQ2 | | | 21B | | | |
| 62167 | | XA335 | 45 | | XA 325 | 15 | | | 16B | 9 | | PXXC1A | 01 | PXXC1A | 00 | 1 | TQ2 | D3 | | 24B | | | |
| 62162 | | XA335 | 46 | | XA 334 | 68 | | | 16B | 9 | | PXXB5A | 01 | PXXB5A | 00 | 1 | TQ2 | D2 | | 21A | I/O BYTE COUNTER | | |
| 62199 | | XA335 | 47 | | XA 342 | 77 | | | 16B | 9 | | PXXC2Q | 04 | PXXCSA | 01 | 1 | TQ2 | D4 | | 25B | | | |
| 62124 | | XA335 | 48 | | | | | | | | | PXXB1P | 03 | PXXB5A | 01 | 1 | TQ2 | D2 | | 22A | | | |
| 62211 | | XA335 | 49 | | XA 330 | 43 | | | 16B | 9 | | PXXC4Q | 02 | PXXCSA | 01 | 2 | TQ2 | D4 | | 26B | | | |
| 62142 | | XA335 | 50 | | XA 335 | 37 | | | 16B | 9 | | PXXB2Q | 01 | PXXB5A | 01 | 2 | TQ2 | D2 | | 23A | | | |
| 62187 | | XA335 | 51 | | XA 334 | 62 | | | 16B | 9 | | PXXCSA | 01 | PXXCSA | 00 | 1 | TQ2 | D4 | | 27B | INPUT STROBE COUN | | |
| 62157 | | XA335 | 52 | | XA 334 | 47 | | | 16B | 9 | | PXXB4A | 01 | PXXB4A | 00 | 1 | TQ2 | D1 | | 24A | I/O BYTE COUNTER | | |
| 62246 | | XA335 | 53 | | | | | | | | | PXXDR0 | 02 | PXXDRA | 01 | 1 | TQ2 | E3 | | 28B | | | |
| 62113 | | XA335 | 54 | | | | | | | | | PXXB0P | 04 | PXXB4A | 01 | 1 | TQ2 | D1 | | 25A | I/O BYTE COUNTER | | |
| 64162 | | XA335 | 55 | | XA 335 | 74 | | | 16B | 9 | | SPIO223 | 06 | PXXDRA | 01 | 2 | TQ2 | E3 | | 29B | | | |
| 62125 | | XA335 | 56 | | XA 335 | 29 | | | 16B | 9 | | PXXB1Q | 01 | PXXB4A | 01 | 2 | TQ2 | D1 | | 24A | | | |
| 62244 | | XA335 | 57 | | | | | | | | | PXXDRA | 02 | PXXDRA | 00 | 1 | TQ2 | E3 | | 30B | | | |
| 60596 | | XA335 | 58 | | | | | | | | | GND | 01 | | | | TQ2 | | | 27A | | | |
| CONNECTOR XA335 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880

CONNECTOR

UNIT ASSEMBLY NO. 149015

REV C

INDEX XA335

UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU

FILE IDENT

T39C1FC5

DATE 09-03-82 PAGE 232

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTORY | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO | |
|---|--------|-----------|-----|--------|-----------|-----|------|-------------|------|-------|--------|---------|----------|--------|---------|------------------|-------|---------------------|--------------------|--------------------|--------|-------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SIZE | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | IDEN. |
| 62295 | | XA335 | 59 | | XA331 | 59 | | | 16B | 9 | | PXXRCO | 01 | PXXRCA | 01 | 1 | TQ2 | E4 | 31B | | | |
| 62222 | | XA335 | 60 | | | | | | | | | PXXDIA | 03 | PXXDIA | 00 | 1 | TQ2 | E2 | 28A | | | |
| 62298 | | XA335 | 61 | | XA334 | 78 | | | 16B | 9 | | PXXREP | 02 | PXXRCA | 01 | 2 | TQ2 | E4 | 32B | | | |
| 62242 | | XA335 | 62 | | | | | | | | | PXXDIS | 05 | PXXDIA | 01 | 1 | TQ2 | E2 | 29A | | | |
| 62290 | | XA335 | 63 | | | | | | | | | PXXRCA | 02 | PXXRCA | 00 | 1 | TQ2 | E4 | 33B | | | |
| 61648 | | XA335 | 64 | | | | | | | | | PXEAO0 | 04 | PXXDIA | 01 | 2 | TQ2 | E2 | 30A | | | |
| 60778 | | XA335 | 65 | | | | | | | | | PDLENA | 02 | PDLENO | 01 | 1 | TQ2 | F3 | 34B | | | |
| 62214 | | XA335 | 66 | | | | | | | | | PXXDDA | 02 | PXXDDA | 00 | 1 | TQ2 | E1 | 31A | | | |
| 60597 | | XA335 | 67 | | | | | | | | | GND | 01 | | | | TQ2 | | 40A | | | |
| 62218 | | XA335 | 68 | | XA334 | 57 | | | 16B | 9 | | PXXDD0 | 01 | PXXDDA | 01 | 1 | TQ2 | E1 | 32A | | | |
| 60780 | | XA335 | 69 | | XA333 | 66 | | | 16B | 9 | | PDLENO | 02 | PDLENO | 00 | 1 | TQ2 | F3 | 35A | | | |
| 64165 | | XA335 | 70 | | XA339 | 68 | | | 16B | 9 | | SPIO223 | 09 | PXXDDA | 01 | 2 | TQ2 | E1 | 33A | | | |
| 62232 | | XA335 | 71 | | XA333 | 14 | | | 16B | 9 | | PXXDIR | 01 | PIPND0 | 01 | 1 | TQ2 | F2 | 36A | | | |
| 62484 | | XA335 | 72 | | XA338 | 47 | | | 16B | 9 | | PIPND0 | 01 | PIPND0 | 00 | 1 | TQ2 | F2 | 34A | INTERRUPT PENDING | | |
| 62228 | | XA335 | 73 | | XA329 | 57 | | | 16B | 9 | | PXXDIP | 06 | PIPND0 | 01 | 2 | TQ2 | F2 | 36B | | | |
| 64164 | | XA335 | 74 | | XA335 | 70 | | | 16B | 9 | | SPIO223 | 08 | PDLENO | 01 | 2 | TQ2 | F3 | 35B | | | |
| 62354 | | XA335 | 75 | | XA342 | 76 | | | 16B | 9 | | PXOFRS | 08 | PXOFRS | 00 | 1 | TQ2 | F1 | 37B | OFR COMMAND STORE | | |
| 64163 | | XA335 | 76 | | | | | | | | | PX111A | 02 | PX1110 | 01 | 1 | TQ2 | F4 | 37A | | | |
| 62345 | | XA335 | 77 | | XA336 | 73 | | | 16B | 9 | | PXOFRR | 02 | PXOFRS | 01 | 1 | TQ2 | F1 | 38B | | | |
| 64148 | | XA335 | 78 | | XA339 | 69 | | | 16B | 9 | | SPIO213 | 04 | PX1110 | 01 | 2 | TQ2 | F4 | 38A | | | |
| 62361 | | XA335 | 79 | | XA333 | 33 | | | 16B | 9 | | PXOR0A | 01 | PXOFRS | 01 | 2 | TQ2 | F1 | 39B | | | |
| 64778 | | XA335 | 80 | | | | | | | | | PX1110 | 03 | PX1110 | 00 | 1 | TQ2 | F4 | 39A | | | |
| 62250 | | XA336 | 01 | | XA339 | 08 | | | 16B | 9 | | PXXDSQ | 01 | PXDBIA | 01 | 1 | TT3 | A2 | 02B | | | |
| 60598 | | XA336 | 02 | | | | | | | | | GND | 01 | | | | TT3 | | 01B | | | |
| 62262 | | XA336 | 03 | | | | | | | | | PXXDOP | 03 | PXDBIA | 01 | 2 | TT3 | A2 | 02A | | | |
| 62099 | | XA336 | 04 | | XA334 | 40 | | | 16B | 9 | | PXXBC0 | 01 | PXXBC0 | 00 | 1 | TT3 | A1 | 04A | | | |
| 62287 | | XA336 | 05 | | XA325 | 07 | | | 16B | 9 | | PXXDIQ | 09 | PXDBIA | 01 | 3 | TT3 | A2 | 03B | | | |
| 61761 | | XA336 | 06 | | | | | | | | | PXRCMR | 04 | PXXBC0 | 01 | 1 | TT3 | A1 | 05A | | | |
| 61545 | | XA336 | 07 | | | | | | | | | PXDBIA | 02 | PXDBIA | 00 | 1 | TT3 | A2 | 03A | | | |
| 61765 | | XA336 | 08 | | XA335 | 03 | | | 16B | 9 | | PXREN0 | 01 | PXXBC0 | 01 | 2 | TT3 | A1 | 06A | | | |
| 62231 | | XA336 | 09 | | | | | | | | | PXXDIQ | 02 | PXDIRA | 01 | 1 | TT3 | A3 | 04B | | | |
| 61879 | | XA336 | 10 | | XA321 | 04 | | | 16B | 9 | | PXRS2B | 20 | PXXBC0 | 01 | 3 | TT3 | A1 | 07A | | | |
| 62196 | | XA336 | 11 | | XA326 | 24 | | | 16B | 9 | | PXXC2Q | 01 | PXDIRA | 01 | 2 | TT3 | A3 | 05B | | | |
| 60123 | | XA336 | 12 | | | | | | | | | +5V | 01 | | | | TT3 | | | | | |
| 62210 | | XA336 | 13 | | XA335 | 49 | | | 16B | 9 | | PXXC4Q | 01 | PXDIRA | 01 | 3 | TT3 | A3 | 06B | | | |
| 61505 | | XA336 | 14 | | XA341 | 09 | | | 16B | 9 | | PXCA10 | 06 | PXEBOA | 01 | 1 | TT3 | B2 | 09A | | | |
| 61595 | | XA336 | 15 | | | | | | | | | PXDIRA | 02 | PXDIRA | 00 | 1 | TT3 | A3 | 07B | INTERRUPT COMPLETE | | |
| 60599 | | XA336 | 16 | | | | | | | | | GND | 01 | | | | TT3 | | 21B | | | |
| 61583 | | XA336 | 17 | | XA341 | 14 | | | 16B | 9 | | PXDEVA | 04 | PXEBOA | 01 | 2 | TT3 | B2 | 08B | | | |
| 61682 | | XA336 | 18 | | XA341 | 21 | | | 16B | 9 | | PXEOR0 | 01 | PXEBOA | 01 | 3 | TT3 | B2 | 10A | | | |
| 61650 | | XA336 | 19 | | | | | | | | | PXEROA | 02 | PXEBOA | 00 | 1 | TT3 | B2 | 09B | | | |
| 61638 | | XA336 | 20 | | XA341 | 36 | | | 16B | 9 | | PXDV5A | 01 | PXDV5A | 00 | 1 | TT3 | B1 | 11A | | | |
| 62215 | | XA336 | 21 | | XA333 | 24 | | | 16B | 9 | | PXXDDP | 01 | PXXDR0 | 01 | 1 | TT3 | B3 | 10B | | | |
| 61504 | | XA336 | 22 | | XA336 | 14 | | | 16B | 9 | | PXCA10 | 05 | PXDV5A | 01 | 1 | TT3 | B1 | 12A | | | |
| 62225 | | XA336 | 23 | | XA339 | 49 | | | 16B | 9 | | PXXDIP | 03 | PXXDR0 | 01 | 2 | TT3 | B3 | 11B | | | |
| 61592 | | XA336 | 24 | | XA333 | 52 | | | 16B | 9 | | PXDEVO | 02 | PXDV5A | 01 | 2 | TT3 | B1 | 13A | | | |
| 62249 | | XA336 | 25 | | | | | | | | | PXXDSP | 03 | PXXDR0 | 01 | 3 | TT3 | B3 | 12B | | | |
| 61601 | | XA336 | 26 | | XA333 | 54 | | | 16B | 9 | | PXDVCO | 02 | PXDV5A | 01 | 3 | TT3 | B1 | 14A | | | |
| CONNECTOR XA336 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA336
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 233

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SP TO | PREFIX | CONNECTOR | PIN | DI TO | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 62245 | | XA336 | 27 | | | | | | | | | | PXXDR0 | 01 | PXXDR0 | 00 | 1 | TT3 | B3 | | 13B | | |
| 60124 | | XA336 | 28 | | XA335 | 53 | | | 16B | 9 | | | +5V | 01 | | | | TT3 | | | | | |
| 62348 | | XA336 | 29 | | XA336 | 33 | | | 16B | 9 | | | PXOFRS | 02 | PXOD0A | 01 | 1 | TT3 | C2 | | 14B | | |
| 62147 | | XA336 | 30 | | XA334 | 46 | | | 16B | 9 | | | PXXB20 | 03 | PXOD0A | 01 | 2 | TT3 | C2 | | 15A | | |
| 62332 | | XA336 | 31 | | | | | | | | | | PXOD0A | 03 | PXOD0A | 00 | 1 | TT3 | C2 | | 15B | OFR RECEIVE DATA | |
| 60600 | | XA336 | 32 | | | | | | | | | | GND | 01 | | | | TT3 | | | 27A | | |
| 62349 | | XA336 | 33 | | XA336 | 38 | | | 16B | 9 | | | PXOFRS | 03 | PXOD1A | 01 | 1 | TT3 | C3 | | 16B | | |
| 62086 | | XA336 | 34 | | XA336 | 42 | | | 16B | 9 | | | PXXA50 | 05 | PXOD0A | 01 | 3 | TT3 | C2 | | 16A | | |
| 62156 | | XA336 | 35 | | | | | | | | | | PXXB30 | 03 | PXOD1A | 01 | 2 | TT3 | C3 | | 17B | | |
| 62325 | | XA336 | 36 | | XA333 | 48 | | | 16B | 9 | | | PXODEA | 01 | PXODEA | 00 | 1 | TT3 | C1 | | 17A | OFR RECEIVE DATA | |
| 62085 | | XA336 | 37 | | XA336 | 34 | | | 16B | 9 | | | PXXA50 | 04 | PXOD1A | 01 | 3 | TT3 | C3 | | 18B | | |
| 62350 | | XA336 | 38 | | XA336 | 41 | | | 16B | 9 | | | PXOFRS | 04 | PXODEA | 01 | 1 | TT3 | C1 | | 18A | | |
| 62333 | | XA336 | 39 | | XA323 | 38 | | | 16B | 9 | | | PXOD1A | 01 | PXOD1A | 00 | 1 | TT3 | C3 | | 19B | OFR RECEIVE DATA | |
| 61904 | | XA336 | 40 | | XA318 | 25 | | | 16B | 9 | | | PXR0PPR | 03 | PXODEA | 01 | 2 | TT3 | C1 | | 19A | | |
| 62351 | | XA336 | 41 | | XA336 | 52 | | | 16B | 9 | | | PXOFRS | 05 | PXOD3A | 01 | 1 | TT3 | D2 | | 22B | | |
| 62087 | | XA336 | 42 | | XA336 | 48 | | | 16B | 9 | | | PXXA50 | 06 | PXODEA | 01 | 3 | TT3 | C1 | | 20A | | |
| 62342 | | XA336 | 43 | | XA333 | 07 | | | 16B | 9 | | | PXOD3A | 04 | PXOD3A | 00 | 1 | TT3 | D2 | | 23B | OFR RECEIVE DATA | |
| 60601 | | XA336 | 44 | | | | | | | | | | GND | 01 | | | | TT3 | | | 40A | | |
| 63424 | | XA336 | 45 | | | | | | | | | | QXXDIQ | 02 | QXD1RA | 01 | 1 | TT3 | D3 | | 24B | | |
| 62166 | | XA336 | 46 | | | | | | | | | | PXXB50 | 02 | PXOD3A | 01 | 2 | TT3 | D2 | | 21A | | |
| 63389 | | XA336 | 47 | | XA310 | 54 | | | 16B | 9 | | | QXXC2Q | 01 | QXD1RA | 01 | 2 | TT3 | D3 | | 25B | | |
| 62088 | | XA336 | 48 | | XA336 | 56 | | | 16B | 9 | | | PXXA50 | 07 | PXOD3A | 01 | 3 | TT3 | D2 | | 22A | | |
| 63403 | | XA336 | 49 | | XA309 | 79 | | | 16B | 9 | | | QXXC4Q | 01 | QXD1RA | 01 | 3 | TT3 | D3 | | 26B | | |
| 62338 | | XA336 | 50 | | | | | | | | | | PXOD2A | 03 | PXOD2A | 00 | 1 | TT3 | D1 | | 23A | OFR RECEIVE DATA | |
| 62896 | | XA336 | 51 | | | | | | | | | | QXD1RA | 02 | QXD1RA | 00 | 1 | TT3 | D3 | | 27B | INTERRUPT COMPLETE | |
| 62352 | | XA336 | 52 | | XA336 | 75 | | | 16B | 9 | | | PXOFRS | 06 | PXOD2A | 01 | 1 | TT3 | D1 | | 24A | | |
| 62436 | | XA336 | 53 | | XA336 | 59 | | | 16B | 9 | | | PONL20 | 09 | PQ02NA | 01 | 1 | TT3 | E2 | | 28B | STATE 2 | |
| 62161 | | XA336 | 54 | | | | | | | | | | PXXB40 | 03 | PXOD2A | 01 | 2 | TT3 | D1 | | 25A | | |
| 60977 | | XA336 | 55 | | | | | | | | | | PQ02NA | 03 | PQ02NA | 00 | 1 | TT3 | E2 | | 29B | INTERRUPT CPU-B. | |
| 62089 | | XA336 | 56 | | XA340 | 56 | | | 16B | 9 | | | PXXA50 | 08 | PXOD2A | 01 | 3 | TT3 | D1 | | 26A | | |
| 62561 | | XA336 | 57 | | XA332 | 46 | | | 16B | 9 | | | QDLENO | 03 | PQ06QA | 01 | 1 | TT3 | E3 | | 30B | SENDER, STATE 6 | |
| 60602 | | XA336 | 58 | | | | | | | | | | GND | 01 | | | | TT3 | | | 40B | | |
| 62437 | | XA336 | 59 | | XA336 | 68 | | | 16B | 9 | | | PONL20 | 10 | PQ06QA | 01 | 2 | TT3 | E3 | | 31B | | |
| 62560 | | XA336 | 60 | | XA336 | 57 | | | 16B | 9 | | | QDLENO | 02 | PQ02NA | 01 | 2 | TT3 | E2 | | 28A | | |
| 61334 | | XA336 | 61 | | XA332 | 37 | | | 16B | 9 | | | PST060 | 01 | PQ06QA | 01 | 3 | TT3 | E3 | | 32B | | |
| 61317 | | XA336 | 62 | | XA332 | 34 | | | 16B | 9 | | | PST020 | 01 | PQ02NA | 01 | 3 | TT3 | E2 | | 29A | | |
| 60978 | | XA336 | 63 | | XA308 | 62 | | | 16B | 9 | | | PQ06QA | 01 | PQ06QA | 00 | 1 | TT3 | E3 | | 33B | DATA REQ. TO CPU- | |
| 60961 | | XA336 | 64 | | | | | | | | | | PP10NA | 03 | PP10NA | 00 | 1 | TT3 | E1 | | 30A | INTERRUPT CPU-A. | |
| 62447 | | XA336 | 65 | | XA331 | 72 | | | 16B | 9 | | | P0102A | 01 | PRQ0NO | 01 | 1 | TT3 | F2 | | 34B | CPU | |
| 60779 | | XA336 | 66 | | XA335 | 69 | | | 16B | 9 | | | PDLENO | 01 | PP10NA | 01 | 1 | TT3 | F1 | | 31A | STATE 10 | |
| 60603 | | XA336 | 67 | | | | | | | | | | GND | 01 | | | | TT3 | | | | | |
| 62438 | | XA336 | 68 | | XA338 | 66 | | | 16B | 9 | | | PONL20 | 11 | PP10NA | 01 | 2 | TT3 | F1 | | 32A | | |
| 63362 | | XA336 | 69 | | XA311 | 49 | | | 16B | 9 | | | QXXC1P | 01 | QXDB10 | 01 | 1 | TT3 | F3 | | 35A | | |
| 61072 | | XA336 | 70 | | XA327 | 15 | | | 16B | 9 | | | PRJ100 | 01 | PP10NA | 01 | 3 | TT3 | E1 | | 33A | | |
| 62498 | | XA336 | 71 | | | | | | | | | | P1102A | 04 | PRQ0NO | 01 | 2 | TT3 | F2 | | 36A | | |
| 62492 | | XA336 | 72 | | | | | | | | | | P1100A | 02 | PRQ0NO | 01 | 3 | TT3 | E2 | | 34A | | |
| 62346 | | XA336 | 73 | | | | | | | | | | PXOFRR | 03 | PXOFRR | 00 | 1 | TT3 | F1 | | 36B | | A03 |
| 61077 | | XA336 | 74 | | XA328 | 26 | | | 16B | 9 | | | PRQ0NO | 01 | PRQ0NO | 00 | 1 | TT3 | E2 | | 35B | ENABLE INDICATOR | |
| 62353 | | XA336 | 75 | | XA335 | 75 | | | 16B | 9 | | | PXOFRS | 07 | PXOFRR | 01 | 1 | TT3 | F1 | | 37B | | |
| 63416 | | XA336 | 76 | | XA332 | 76 | | | 16B | 9 | | | QXXDIP | 01 | QXDB10 | 01 | 2 | TT3 | F3 | | 37A | | |
| CONNECTOR XA336 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA336
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 234

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FC | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 62109 | | XA336 | 77 | | | | | | | | | PXXB0A | 05 | PXOFRR | 01 | 2 | TT3 | F1 | | 38B | | |
| 62845 | | XA336 | 78 | | XA332 | 55 | | | 16B | 9 | | QXDBIA | 01 | QXDBIO | 01 | 3 | TT3 | F3 | | 38A | | |
| 61874 | | XA336 | 79 | | XA340 | 74 | | | 16B | 9 | | PXRS2B | 15 | PXOFRR | 01 | 3 | TT3 | F1 | | 39B | | |
| 62848 | | XA336 | 80 | | | | | | | | | QXDBIO | 02 | QXDBIO | 00 | 1 | TT3 | F3 | | 39A | | |
| 60280 | | XA337 | 01 | | | | | | | | | DNW | 01 | | | | MUX | | | | | |
| 60604 | | XA337 | 02 | | | | | | | | | GND | 01 | | | | MUX | | | | 01B | |
| 61147 | | XA337 | 03 | | | | | | | | | PRO3BQ | 03 | PXDB31X | 01 | 1 | MUX | A1 | | | 02B | |
| 61562 | | XA337 | 04 | | XA339 | 64 | | | 16B | 9 | | PXDB31X | 01 | PXDB31X | 00 | 1 | MUX | A1 | | | 02A | |
| 61219 | | XA337 | 05 | | | | | | | | | PR27BQ | 03 | PXDB31X | 01 | 2 | MUX | A1 | | | 03B | |
| 64864 | | XA337 | 06 | | | | | | | | M | PXDB32X | 01 | PXDB32X | 00 | 1 | MUX | A2 | | | 03A | |
| 61171 | | XA337 | 07 | | | | | | | | | PR11BQ | 03 | PXDB31X | 01 | 3 | MUX | A1 | | | 04B | |
| 62253 | | XA337 | 08 | | XA337 | 24 | | | 16B | 9 | | PXXDSQ | 04 | PXDB32X | 01 | 3 | MUX | A2 | | | 04A | |
| 61195 | | XA337 | 09 | | | | | | | | | PR19BQ | 03 | PXDB31X | 01 | 4 | MUX | A1 | | | 05B | |
| 62265 | | XA337 | 10 | | XA337 | 26 | | | 16B | 9 | | PXXD0Q | 03 | PXDB32X | 01 | 2 | MUX | A2 | | | 05A | |
| 62532 | | XA337 | 11 | | XA330 | 24 | | | 16B | 9 | | PXGN1A | 13 | PXDB31X | 01 | 5 | MUX | A1 | | | 06B | |
| 60125 | | XA337 | 12 | | | | | | | | | +5V | 01 | | | | MUX | | | | 08A | |
| 61706 | | XA337 | 13 | | XA338 | 13 | | | 16B | 9 | | PXGN5A | 01 | PXDB32X | 01 | 4 | MUX | A2 | | | 07A | |
| 62286 | | XA337 | 14 | | XA336 | 05 | | | 16B | 9 | | PXXD1Q | 08 | PXDB32X | 01 | 1 | MUX | A2 | | | 06A | |
| 62660 | | XA337 | 15 | | XA332 | 17 | | | 16B | 9 | | QPERRS | 06 | PXDB31X | 01 | 6 | MUX | A1 | | | 07B | |
| 60605 | | XA337 | 16 | | | | | | | | | GND | 01 | | | | MUX | | | | 20B | |
| 60824 | | XA337 | 17 | | XA327 | 52 | | | 16B | 9 | | PEBCAA | 01 | PXDB31X | 01 | 8 | MUX | A1 | | | 08B | |
| 63611 | | XA337 | 18 | | XA313 | 18 | | | 16B | 9 | | QIPNDO | 01 | PXDB31X | 01 | 7 | MUX | A1 | | | 09A | |
| 61159 | | XA337 | 19 | | | | | | | | | PRO7BQ | 03 | PXDB71X | 01 | 1 | MUX | B1 | | | 09B | |
| 61578 | | XA337 | 20 | | XA338 | 64 | | | 16B | 9 | | PXDB71X | 01 | PXDB71X | 00 | 1 | MUX | B1 | | | 10A | |
| 61229 | | XA337 | 21 | | XA314 | 21 | | | 16B | 9 | | PR31BQ | 01 | PXDB71X | 01 | 2 | MUX | B1 | | | 10B | |
| 64868 | | XA337 | 22 | | | | | | | | M | PXDB72X | 01 | PXDB72X | 00 | 1 | MUX | B2 | | | 11A | |
| 61183 | | XA337 | 23 | | | | | | | | | PR15BQ | 03 | PXDB71X | 01 | 3 | MUX | B1 | | | 11B | |
| 62254 | | XA337 | 24 | | XA338 | 24 | | | 16B | 9 | | PXXDSQ | 05 | PXDB72X | 01 | 3 | MUX | B2 | | | 12A | |
| 61205 | | XA337 | 25 | | XA314 | 25 | | | 16B | 9 | | PR23BQ | 01 | PXDB71X | 01 | 4 | MUX | B1 | | | 12B | |
| 62266 | | XA337 | 26 | | XA338 | 26 | | | 16B | 9 | | PXXD0Q | 04 | PXDB72X | 01 | 2 | MUX | B2 | | | 13A | |
| 62281 | | XA337 | 27 | | XA338 | 27 | | | 16B | 9 | | PXXD1Q | 03 | PXDB72X | 01 | 1 | MUX | B2 | | | 14A | |
| 60126 | | XA337 | 28 | | | | | | | | | +5V | 01 | | | | MUX | | | | 08A | |
| 61705 | | XA337 | 29 | | | | | | | | | PXGN4A | 14 | PXDB71X | 01 | 5 | MUX | B1 | | | 13B | |
| 61710 | | XA337 | 30 | | XA338 | 30 | | | 16B | 9 | | PXGN5A | 05 | PXDB72X | 01 | 4 | MUX | B2 | | | 15A | |
| 61376 | | XA337 | 31 | | XA338 | 62 | | | 16B | 9 | | PTSMDO | 01 | PXDB71X | 01 | 6 | MUX | B1 | | | 14B | |
| 60606 | | XA337 | 32 | | | | | | | | | GND | 01 | | | | MUX | | | | 27A | |
| 61241 | | XA337 | 33 | | XA327 | 35 | | | 16B | 9 | | PSTCT1U | 01 | PXDB71X | 01 | 8 | MUX | B1 | | | 16A | |
| 62539 | | XA337 | 34 | | XA337 | 11 | | | 16B | 9 | | PXGN1A | 12 | PXDB71X | 01 | 7 | MUX | B1 | | | 15B | |
| 63814 | | XA337 | 35 | | XA329 | 17 | | | 16B | 9 | | SPI0053 | 03 | | 01 | 1 | MUX | C1 | | | 16B | |
| 64779 | | XA337 | 36 | | | | | | | | | SPO | 01 | | 00 | 1 | MUX | C1 | | | 17A | |
| 63961 | | XA337 | 37 | | | | | | | | | SPI0113 | 11 | | 01 | 2 | MUX | C1 | | | 17B | |
| 64780 | | XA337 | 38 | | | | | | | | | SPO | 01 | | 00 | 1 | MUX | C2 | | | 18A | |
| 63969 | | XA337 | 39 | | XA339 | 70 | | | 16B | 9 | | SPI0123 | 08 | | 01 | 3 | MUX | C1 | | | 18B | |
| 63974 | | XA337 | 40 | | XA318 | 59 | | | 16B | 9 | | SPI0133 | 03 | | 01 | 3 | MUX | C2 | | | 19A | |
| 63908 | | XA337 | 41 | | XA346 | 33 | | | 16B | 9 | | SPI0083 | 01 | | 01 | 4 | MUX | C1 | | | 19B | |
| 63994 | | XA337 | 42 | | XA544 | 51 | | | 16B | 9 | | SPI0163 | 05 | | 01 | 2 | MUX | C2 | | | 20A | |
| 64159 | | XA337 | 43 | | XA335 | 42 | | | 16B | 9 | | SPI0223 | 03 | | 01 | 5 | MUX | C1 | | | 22B | |
| 60607 | | XA337 | 44 | | | | | | | | | GND | 01 | | | | MUX | | | | 40A | |
| CONNECTOR (XA337) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA337
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 235

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------|--------|----------|------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DR FC | PREFIX | CONNECTOR | PIN | DR FC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 64145 | XA337 | | 45 | | XA331 | | 42 | | 16B | 9 | | | SPI0213 | 01 | | 01 | 6 | MUX | C1 | | 23B | | |
| 63988 | XA337 | | 46 | | XA544 | | 41 | | 16B | 9 | | | SPI0143 | 07 | | 01 | 1 | MUX | C2 | | 21A | | |
| 63937 | XA337 | | 47 | | XA339 | | 75 | | 16B | 9 | | | SPI0093 | 10 | | 01 | 7 | MUX | C1 | | 23A | | |
| 63991 | XA337 | | 48 | | XA438 | | 45 | | 16B | 9 | | | SPI0153 | 07 | | 01 | 4 | MUX | C2 | | 22A | | |
| 61137 | XA337 | | 49 | | XA340 | | 48 | | 16B | 9 | | | PONLNQ | 00 | PRDB0TA | 01 | 4 | MUX | D1 | | 24B | A05 | |
| 63947 | XA337 | | 50 | | XA339 | | 77 | | 16B | 9 | | | SPI0103 | 08 | | 01 | 8 | MUX | C1 | | 24A | | |
| 63089 | XA337 | | 51 | | | | | | | | | | QXR0CS | 05 | PRDB0TA | 01 | 1 | MUX | D1 | | 25B | | |
| 61690 | XA337 | | 52 | | XA337 | | 34 | | 16B | 9 | | | PXGNIA | 11 | PRDB0TA | 01 | 3 | MUX | D1 | | 25A | | |
| 61894 | XA337 | | 53 | | XA331 | | 08 | | 16B | 9 | | | PXR0CS | 03 | PRDB0TA | 01 | 2 | MUX | D1 | | 26B | | |
| 63136 | XA337 | | 54 | | | | | | | | | | QXR2CS | 04 | PRDB0TC | 01 | 1 | MUX | D3 | | 26A | | |
| 61027 | XA337 | | 55 | | | | | | | | | | PRDB0TA | 05 | PRDB0TA | 00 | 1 | MUX | D1 | | 27B | | |
| 61941 | XA337 | | 56 | | XA341 | | 41 | | 16B | 9 | | | PXR2CS | 02 | PRDB0TC | 01 | 2 | MUX | D3 | | 28B | | |
| 63127 | XA337 | | 57 | | | | | | | | | | QXR1CS | 04 | PRDB0TB | 01 | 1 | MUX | D2 | | 29B | | |
| 60608 | XA337 | | 58 | | | | | | | | | | GND | 01 | | | | MUX | | | 40B | | |
| 61932 | XA337 | | 59 | | XA341 | | 48 | | 16B | 9 | | | PXR1CS | 02 | PRDB0TB | 01 | 2 | MUX | D2 | | 30B | | |
| 61033 | XA337 | | 60 | | XA320 | | 54 | | 16B | 9 | | | PRDB0TC | 01 | PRDB0TC | 00 | 1 | MUX | D3 | | 28A | | |
| 61032 | XA337 | | 61 | | | | | | | | | | PRDB0TB | 05 | PRDB0TB | 00 | 1 | MUX | D2 | | 31B | | |
| 63145 | XA337 | | 62 | | | | | | | | | | QXR3CS | 05 | PRDB0TD | 01 | 1 | MUX | D4 | | 29A | | |
| 61042 | XA337 | | 63 | | | | | | | | | | PRDB0TD | 05 | PRDB0TD | 00 | 1 | MUX | D4 | | 31A | | |
| 61952 | XA337 | | 64 | | | | | | | | | | PXR3CS | 05 | PRDB0TD | 01 | 2 | MUX | D4 | | 30A | | |
| 60281 | XA337 | | 65 | | | | | | | | | | DNW | 01 | | | | MUX | | | | | |
| 61138 | XA337 | | 66 | | XA337 | | 49 | | 16B | 9 | | | PONLNQ | 0A | PRDB4TA | 01 | 4 | MUX | F1 | | 32B | A05 | |
| 60609 | XA337 | | 67 | | | | | | | | | | GND | 01 | | | | MUX | | | | | |
| 61689 | XA337 | | 68 | | XA337 | | 52 | | 16B | 9 | | | PXGNIA | 10 | PRDB4TA | 01 | 3 | MUX | F1 | | 33A | | |
| 63154 | XA337 | | 69 | | | | | | | | | | QXR4CS | 05 | PRDB4TA | 01 | 1 | MUX | E1 | | 32A | | |
| 63174 | XA337 | | 70 | | | | | | | | | | QXR6CS | 08 | PRDB4TC | 01 | 1 | MUX | E3 | | 34A | | |
| 61959 | XA337 | | 71 | | XA318 | | 24 | | 16B | 9 | | | PXR4CS | 03 | PRDB4TA | 01 | 2 | MUX | E1 | | 33B | | |
| 61977 | XA337 | | 72 | | XA333 | | 55 | | 16B | 9 | | | PXR6CS | 04 | PRDB4TC | 01 | 2 | MUX | E3 | | 35A | | |
| 61043 | XA337 | | 73 | | XA321 | | 77 | | 16B | 9 | | | PRDB4TA | 01 | PRDB4TA | 00 | 1 | MUX | E1 | | 34B | | |
| 61053 | XA337 | | 74 | | XA322 | | 54 | | 16B | 9 | | | PRDB4TC | 01 | PRDB4TC | 00 | 1 | MUX | E3 | | 36A | | |
| 63163 | XA337 | | 75 | | | | | | | | | | QXR5CS | 06 | PRDB4TB | 01 | 1 | MUX | E2 | | 35B | | |
| 63183 | XA337 | | 76 | | | | | | | | | | QXR7CS | 06 | PRDB4TD | 01 | 1 | MUX | E4 | | 37A | | |
| 61968 | XA337 | | 77 | | XA341 | | 62 | | 16B | 9 | | | PXR5CS | 04 | PRDB4TB | 01 | 2 | MUX | E2 | | 36B | | |
| 61988 | XA337 | | 78 | | XA341 | | 59 | | 16B | 9 | | | PXR7CS | 04 | PRDB4TD | 01 | 2 | MUX | F4 | | 38A | | |
| 61052 | XA337 | | 79 | | | | | | | | | | PRDB4TB | 05 | PRDB4TB | 00 | 1 | MUX | E2 | | 37B | | |
| 61062 | XA337 | | 80 | | | | | | | | | | PRDB4TD | 05 | PRDB4TD | 00 | 1 | MUX | F4 | | 38B | | |
| 60282 | XA338 | | 01 | | | | | | | | | | DNW | 01 | | | | MUX | | | | | |
| 60610 | XA338 | | 02 | | | | | | | | | | GND | 01 | | | | MUX | | | | 01B | |
| 61135 | XA338 | | 03 | | | | | | | | | | PRO0BQ | 03 | PXDB01X | 01 | 1 | MUX | A1 | | 02B | | |
| 61556 | XA338 | | 04 | | XA339 | | 53 | | 16B | 9 | | | PXDB01X | 01 | PXDB01X | 00 | 1 | MUX | A1 | | 02A | | |
| 61210 | XA338 | | 05 | | | | | | | | | | PR24BQ | 03 | PXDB01X | 01 | 2 | MUX | A1 | | 03B | | |
| 64861 | XA338 | | 06 | | | | | | | | | M | PXDB02X | 01 | PXDB02X | 00 | 1 | MUX | A2 | | 03A | | |
| 61162 | XA338 | | 07 | | | | | | | | | | PRO8BQ | 03 | PXDB01X | 01 | 3 | MUX | A1 | | 04B | | |
| 62252 | XA338 | | 08 | | XA337 | | 08 | | 16B | 9 | | | PXXD5Q | 03 | PXDB02X | 01 | 3 | MUX | A2 | | 04A | | |
| 61186 | XA338 | | 09 | | | | | | | | | | PRI6BQ | 03 | PXDB01X | 01 | 4 | MUX | A1 | | 05B | | |
| 62264 | XA338 | | 10 | | XA337 | | 10 | | 16B | 9 | | | PXXD0Q | 02 | PXDB02X | 01 | 2 | MUX | A2 | | 05A | | |
| 60764 | XA338 | | 11 | | XA338 | | 29 | | 16B | 9 | | | PXGNIA | 06 | PXDB01X | 01 | 5 | MUX | A1 | | 06B | | |
| 60127 | XA338 | | 12 | | | | | | | | | | +5V | 01 | | | | MUX | | | 08A | | |
| CONNECTOR (XA338) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA338
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 236

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SPT INST. WISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-----|--------|-----------|-----|-----|-------------|------|-------|-------|----------------|--------|---------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SPT | PREFIX | CONNECTOR | PIN | SPT | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | |
| 61707 | XA338 | 13 | | | XA339 | 13 | | | | 16B | 9 | | PXGN5A | 02 | PXD802X | 01 | 4 | MUX | A2 | | 07A | | | |
| 62285 | XA338 | 14 | | | XA337 | 14 | | | | 16B | 9 | | PXXD1Q | 07 | PXD802X | 01 | 1 | MUX | A2 | | 06A | | | |
| 62416 | XA338 | 15 | | | XA328 | 24 | | | | 16B | 9 | | PONL1O | 02 | PXD801X | 01 | 6 | MUX | A1 | | 07B | | | |
| 60611 | XA338 | 16 | | | | | | | | | | | GND | 01 | | | | MUX | | | 20B | | | |
| 60835 | XA338 | 17 | | | | | | | | | | | PEBCDA | 03 | PXD801X | 01 | 8 | MUX | A1 | | 08B | | | |
| 62297 | XA338 | 18 | | | | | | | | | | | PXXREQ | 03 | PXD801X | 01 | 7 | MUX | A1 | | 09A | A05 | | |
| 61141 | XA338 | 19 | | | | | | | | | | | PRO1BQ | 03 | PXD811X | 01 | 1 | MUX | B1 | | 09B | | | |
| 61558 | XA338 | 20 | | | XA339 | 59 | | | | 16B | 9 | | PXD811X | 01 | PXD811X | 00 | 1 | MUX | B1 | | 10A | | | |
| 61213 | XA338 | 21 | | | | | | | | | | | PR25BQ | 03 | PXD811X | 01 | 2 | MUX | B1 | | 10B | | | |
| 64862 | XA338 | 22 | | | | | | | | | | M | PXD812X | 01 | PXD812X | 00 | 1 | MUX | B2 | | 11A | | | |
| 61165 | XA338 | 23 | | | | | | | | | | | PRO9BQ | 03 | PXD811X | 01 | 3 | MUX | B1 | | 11B | | | |
| 62255 | XA338 | 24 | | | XA339 | 24 | | | | 16B | 9 | | PXXDSQ | 06 | PXD812X | 01 | 3 | MUX | B2 | | 12A | | | |
| 61189 | XA338 | 25 | | | | | | | | | | | PR17BQ | 03 | PXD811X | 01 | 4 | MUX | B1 | | 12B | | | |
| 62267 | XA338 | 26 | | | XA339 | 26 | | | | 16B | 9 | | PXXD0Q | 05 | PXD812X | 01 | 2 | MUX | B2 | | 13A | | | |
| 62282 | XA338 | 27 | | | XA339 | 27 | | | | 16B | 9 | | PXXD1Q | 04 | PXD812X | 01 | 1 | MUX | B2 | | 14A | | | |
| 60128 | XA338 | 28 | | | | | | | | | | | +5V | 01 | | | | MUX | | | 08A | | | |
| 62544 | XA338 | 29 | | | XA338 | 43 | | | | 16B | 9 | | PXGN1A | 07 | PXD811X | 01 | 5 | MUX | B1 | | 13B | | | |
| 61711 | XA338 | 30 | | | XA338 | 48 | | | | 16B | 9 | | PXGN5A | 06 | PXD812X | 01 | 4 | MUX | B2 | | 15A | | | |
| 63583 | XA338 | 31 | | | XA328 | 13 | | | | 16B | 9 | | QONL1O | 02 | PXD811X | 01 | 6 | MUX | B1 | | 14B | | | |
| 60612 | XA338 | 32 | | | | | | | | | | | GND | 01 | | | | MUX | | | 27A | | | |
| 60830 | XA338 | 33 | | | XA327 | 45 | | | | 16B | 9 | | PEBCCA | 01 | PXD811X | 01 | 8 | MUX | B1 | | 16A | | | |
| 63494 | XA338 | 34 | | | | | | | | | | | QXXREQ | 05 | PXD811X | 01 | 7 | MUX | B1 | | 15B | A05 | | |
| 61144 | XA338 | 35 | | | | | | | | | | | PRO2BQ | 03 | PXD821X | 01 | 1 | MUX | C1 | | 16B | | | |
| 61560 | XA338 | 36 | | | XA339 | 56 | | | | 16B | 9 | | PXD821X | 01 | PXD821X | 00 | 1 | MUX | C1 | | 17A | | | |
| 61216 | XA338 | 37 | | | | | | | | | | | PR26BQ | 03 | PXD821X | 01 | 2 | MUX | C1 | | 17B | | | |
| 64863 | XA338 | 38 | | | | | | | | | | M | PXD822X | 01 | PXD822X | 00 | 1 | MUX | C2 | | 18A | | | |
| 61168 | XA338 | 39 | | | | | | | | | | | PR10BQ | 03 | PXD821X | 01 | 3 | MUX | C1 | | 18B | | | |
| 62258 | XA338 | 40 | | | XA330 | 74 | | | | 16B | 9 | | PXXDSQ | 09 | PXD822X | 01 | 3 | MUX | C2 | | 19A | | | |
| 61192 | XA338 | 41 | | | | | | | | | | | PR18BQ | 03 | PXD821X | 01 | 4 | MUX | C1 | | 19B | | | |
| 62270 | XA338 | 42 | | | XA330 | 55 | | | | 16B | 9 | | PXXD0Q | 08 | PXD822X | 01 | 2 | MUX | C2 | | 20A | | | |
| 60738 | XA338 | 43 | | | XA338 | 68 | | | | 16B | 9 | | PXGN1A | 08 | PXD821X | 01 | 5 | MUX | C1 | | 22B | | | |
| 60613 | XA338 | 44 | | | | | | | | | | | GND | 01 | | | | MUX | | | 40A | | | |
| 60957 | XA338 | 45 | | | XA339 | 54 | | | | 16B | 9 | | PPERRS | 05 | PXD821X | 01 | 6 | MUX | C1 | | 23B | | | |
| 62280 | XA338 | 46 | | | XA337 | 27 | | | | 16B | 9 | | PXXD1Q | 02 | PXD822X | 01 | 1 | MUX | C2 | | 21A | | | |
| 62485 | XA338 | 47 | | | XA312 | 47 | | | | 16B | 9 | | P1PND0 | 02 | PXD821X | 01 | 7 | MUX | C1 | | 23A | | | |
| 61712 | XA338 | 48 | | | XA339 | 48 | | | | 16B | 9 | | PXGN5A | 07 | PXD822X | 01 | 4 | MUX | C2 | | 22A | | | |
| 62227 | XA338 | 49 | | | XA335 | 73 | | | | 16B | 9 | | PXXDIP | 05 | PXD84TA | 01 | 4 | MUX | D1 | | 24B | | | |
| 60829 | XA338 | 50 | | | | | | | | | | | PEBCBA | 03 | PXD821X | 01 | 8 | MUX | C1 | | 24A | | | |
| 60742 | XA338 | 51 | | | XA312 | 51 | | | | 16B | 9 | | PART1O | 02 | PXD84TA | 01 | 1 | MUX | D1 | | 25B | | | |
| 62174 | XA338 | 52 | | | XA339 | 52 | | | | 16B | 9 | | PXXCIQ | 03 | PXD84TA | 01 | 3 | MUX | D1 | | 25A | | | |
| 61572 | XA338 | 53 | | | XA339 | 04 | | | | 16B | 9 | | PXD841X | 01 | PXD84TA | 01 | 2 | MUX | D1 | | 26B | | | |
| 60919 | XA338 | 54 | | | XA339 | 45 | | | | 16B | 9 | | PEOMSO | 04 | PXD84TC | 01 | 1 | MUX | D3 | | 26A | | | |
| 61565 | XA338 | 55 | | | | | | | | | | | PXD84TA | 02 | PXD84TA | 00 | 1 | MUX | D1 | | 27B | | | |
| 61577 | XA338 | 56 | | | | | | | | | | | PXD861X | 02 | PXD84TC | 01 | 2 | MUX | D3 | | 28B | | | |
| 60747 | XA338 | 57 | | | XA312 | 57 | | | | 16B | 9 | | PART2O | 02 | PXD84TB | 01 | 1 | MUX | D2 | | 29B | | | |
| 60614 | XA338 | 58 | | | | | | | | | | | GND | 01 | | | | MUX | | | 40B | | | |
| 61574 | XA338 | 59 | | | XA339 | 20 | | | | 16B | 9 | | PXD851X | 01 | PXD84TB | 01 | 2 | MUX | D2 | | 30B | | | |
| 61569 | XA338 | 60 | | | | | | | | | | | PXD84TC | 02 | PXD84TC | 00 | 1 | MUX | D3 | | 28A | | | |
| 61566 | XA338 | 61 | | | XA317 | 55 | | | | 16B | 9 | | PXD84TB | 01 | PXD84TB | 00 | 1 | MUX | D2 | | 31B | | | |
| 61377 | XA338 | 62 | | | XA312 | 62 | | | | 16B | 9 | | PTSMDO | 02 | PXD84TD | 01 | 1 | MUX | D4 | | 29A | | | |
| CONNECTOR XA338 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA338
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 237

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|---------|--------|-----------|-----|---------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | WIRE NO | PREFIX | CONNECTOR | PIN | WIRE NO | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 61570 | XA338 | 63 | | | XA317 | 59 | | | | 16B | 9 | | PXDB4TD | 01 | PXDB4TD | 00 | 1 | MUX | D4 | | 31A | | |
| 61579 | XA338 | 64 | | | | | | | | | | | PXDB71X | 02 | PXDB4TD | 01 | 2 | MUX | D4 | | 30A | | |
| 60283 | XA338 | 65 | | | | | | | | | | | DNW | 01 | | | | MUX | | | | | |
| 62439 | XA338 | 66 | | | XA340 | 70 | | | | 16B | 9 | | PONL20 | 12 | PEBCTTA | 01 | 4 | MUX | F1 | | 32B | | |
| 60615 | XA338 | 67 | | | | | | | | | | | GND | 01 | | | | MUX | | | | | |
| 61688 | XA338 | 68 | | | XA337 | 68 | | | | 16B | 9 | | PXGN1A | 09 | PEBCTTA | 01 | 3 | MUX | F1 | | 33A | | |
| 62605 | XA338 | 69 | | | XA315 | 70 | | | | 16B | 9 | | QEBCT1U | 01 | PEBCTTA | 01 | 1 | MUX | E1 | | 32A | CPU-A OR CPU-B | |
| 62609 | XA338 | 70 | | | XA315 | 74 | | | | 16B | 9 | | QEBCT3U | 01 | PEBCTTC | 01 | 1 | MUX | E3 | | 34A | | |
| 60854 | XA338 | 71 | | | | | | | | | | | PEBCT1U | 02 | PEBCTTA | 01 | 2 | MUX | E1 | | 33B | | |
| 60858 | XA338 | 72 | | | | | | | | | | | PEBCT3U | 02 | PEBCTTC | 01 | 2 | MUX | E3 | | 35A | | |
| 60845 | XA338 | 73 | | | XA327 | 54 | | | | 16B | 9 | | PEBCTTA | 01 | PEBCTTA | 00 | 1 | MUX | E1 | | 34B | MULTIPLEX EOB COU | |
| 60849 | XA338 | 74 | | | XA327 | 41 | | | | 16B | 9 | | PEBCTTC | 01 | PEBCTTC | 00 | 1 | MUX | E3 | | 36A | | |
| 62608 | XA338 | 75 | | | | | | | | | | | QEBCT2U | 02 | PEBCTTB | 01 | 1 | MUX | E2 | | 35B | | |
| 62612 | XA338 | 76 | | | | | | | | | | | QEBCT4U | 02 | PEBCTTD | 01 | 1 | MUX | F4 | | 37A | | |
| 60855 | XA338 | 77 | | | XA315 | 56 | | | | 16B | 9 | | PEBCT2U | 01 | PEBCTTB | 01 | 2 | MUX | E2 | | 36B | | |
| 60859 | XA338 | 78 | | | XA315 | 62 | | | | 16B | 9 | | PEBCT4U | 01 | PEBCTTD | 01 | 2 | MUX | F4 | | 38A | | |
| 60848 | XA338 | 79 | | | | | | | | | | | PEBCTTB | 02 | PEBCTTB | 00 | 1 | MUX | E2 | | 37B | | |
| 60852 | XA338 | 80 | | | | | | | | | | | PEBCTTD | 02 | PEBCTTD | 00 | 1 | MUX | F4 | | 38B | | |
| 60284 | XA339 | 01 | | | | | | | | | | | DNW | 01 | | | | MUX | | | | | |
| 60616 | XA339 | 02 | | | | | | | | | | | GND | 01 | | | | MUX | | | 01B | | |
| 61150 | XA339 | 03 | | | | | | | | | | | PR048Q | 03 | PXDB41X | 01 | 1 | MUX | A1 | | 02B | | |
| 61573 | XA339 | 04 | | | | | | | | | | | PXDB41X | 02 | PXDB41X | 00 | 1 | MUX | A1 | | 02A | | |
| 61220 | XA339 | 05 | | | XA313 | 21 | | | | 16B | 9 | | PR28BQ | 01 | PXDB41X | 01 | 2 | MUX | A1 | | 03B | | |
| 64865 | XA339 | 06 | | | | | | | | | | M | PXDB42X | 01 | PXDB42X | 00 | 1 | MUX | A2 | | 03A | | |
| 61174 | XA339 | 07 | | | | | | | | | | | PR12BQ | 03 | PXDB41X | 01 | 3 | MUX | A1 | | 04B | | |
| 62251 | XA339 | 08 | | | XA338 | 08 | | | | 16B | 9 | | PXXDSQ | 02 | PXDB42X | 01 | 3 | MUX | A2 | | 04A | | |
| 61198 | XA339 | 09 | | | | | | | | | | | PR20BQ | 03 | PXDB41X | 01 | 4 | MUX | A1 | | 05B | | |
| 62263 | XA339 | 10 | | | XA338 | 10 | | | | 16B | 9 | | PXXD0Q | 01 | PXDB42X | 01 | 2 | MUX | A2 | | 05A | | |
| 61065 | XA339 | 11 | | | XA337 | 29 | | | | 16B | 9 | | PXGN4A | 13 | PXDB41X | 01 | 5 | MUX | A1 | | 06B | | |
| 60129 | XA339 | 12 | | | | | | | | | | | +5V | 01 | | | | MUX | | | 08A | | |
| 61708 | XA339 | 13 | | | XA339 | 30 | | | | 16B | 9 | | PXGN5A | 03 | PXDB42X | 01 | 4 | MUX | A2 | | 07A | | |
| 62284 | XA339 | 14 | | | XA338 | 14 | | | | 16B | 9 | | PXXD1Q | 06 | PXDB42X | 01 | 1 | MUX | A2 | | 06A | | |
| 60741 | XA339 | 15 | | | XA338 | 51 | | | | 16B | 9 | | PART10 | 01 | PXDB41X | 01 | 6 | MUX | A1 | | 07B | | |
| 60617 | XA339 | 16 | | | | | | | | | | | GND | 01 | | | | MUX | | | 20B | | |
| 61260 | XA339 | 17 | | | | | | | | | | | PSTCT4U | 05 | PXDB41X | 01 | 8 | MUX | A1 | | 08B | | |
| 62524 | XA339 | 18 | | | XA334 | 76 | | | | 16B | 9 | | P20DLQ | 01 | PXDB41X | 01 | 7 | MUX | A1 | | 09A | | |
| 61153 | XA339 | 19 | | | | | | | | | | | PR05BQ | 03 | PXDB51X | 01 | 1 | MUX | B1 | | 09B | | |
| 61575 | XA339 | 20 | | | | | | | | | | | PXDB51X | 02 | PXDB51X | 00 | 1 | MUX | B1 | | 10A | | |
| 61225 | XA339 | 21 | | | | | | | | | | | PR29BQ | 03 | PXDB51X | 01 | 2 | MUX | B1 | | 10B | | |
| 64866 | XA339 | 22 | | | | | | | | | | M | PXDB52X | 01 | PXDB52X | 00 | 1 | MUX | B2 | | 11A | | |
| 61177 | XA339 | 23 | | | | | | | | | | | PR13BQ | 03 | PXDB51X | 01 | 3 | MUX | B1 | | 11B | | |
| 62256 | XA339 | 24 | | | XA339 | 40 | | | | 16B | 9 | | PXXDSQ | 07 | PXDB52X | 01 | 3 | MUX | B2 | | 12A | | |
| 61201 | XA339 | 25 | | | | | | | | | | | PR21BQ | 03 | PXDB51X | 01 | 4 | MUX | B1 | | 12B | | |
| 62268 | XA339 | 26 | | | XA339 | 42 | | | | 16B | 9 | | PXXD0Q | 06 | PXDB52X | 01 | 2 | MUX | B2 | | 13A | | |
| 62283 | XA339 | 27 | | | XA339 | 14 | | | | 16B | 9 | | PXXD1Q | 05 | PXDB52X | 01 | 1 | MUX | B2 | | 14A | | |
| 60130 | XA339 | 28 | | | | | | | | | | | +5V | 01 | | | | MUX | | | 08A | | |
| 62682 | XA339 | 29 | | | XA339 | 11 | | | | 16B | 9 | | PXGN4A | 12 | PXDB51X | 01 | 5 | MUX | B1 | | 13B | | |
| 61709 | XA339 | 30 | | | XA337 | 30 | | | | 16B | 9 | | PXGN5A | 04 | PXDB52X | 01 | 4 | MUX | B2 | | 15A | | |
| CONNECTOR XA339 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA339
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 238

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|-----|----|--------|-----------|-----|----|-------------|------|-------|-------|---------|--------|----------|------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | LC | PREFIX | CONNECTOR | PIN | LC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 60746 | | XA339 | 31 | | | | | | | | | | PART20 | 01 | PXD851X | 01 | 6 | MUX | B1 | | 14B | | |
| 60618 | | XA339 | 32 | | XA338 | 57 | | | 16B | 9 | | | GND | 01 | | | | MUX | | | | 27A | |
| 61255 | | XA339 | 33 | | | | | | | | | | PSTCT3U | 05 | PXD851X | 01 | 8 | MUX | B1 | | 16A | | |
| 63633 | | XA339 | 34 | | XA313 | 47 | | | 16B | 9 | | | Q20DLQ | 01 | PXD851X | 01 | 7 | MUX | B1 | | 15B | | |
| 61156 | | XA339 | 35 | | | | | | | | | | PR068Q | 03 | PXD861X | 01 | 1 | MUX | C1 | | 16B | | |
| 61576 | | XA339 | 36 | | XA338 | 56 | | | 16B | 9 | | | PXD861X | 01 | PXD861X | 00 | 1 | MUX | C1 | | 17A | | |
| 61228 | | XA339 | 37 | | | | | | | | | | PR308Q | 03 | PXD861X | 01 | 2 | MUX | C1 | | 17B | | |
| 64867 | | XA339 | 38 | | | | | | | | M | | PXD862X | 01 | PXD862X | 00 | 1 | MUX | C2 | | 18A | | |
| 61180 | | XA339 | 39 | | | | | | | | | | PR148Q | 03 | PXD861X | 01 | 3 | MUX | C1 | | 18B | | |
| 62257 | | XA339 | 40 | | XA338 | 40 | | | 16B | 9 | | | PXXDSQ | 08 | PXD862X | 01 | 3 | MUX | C2 | | 19A | | |
| 61204 | | XA339 | 41 | | | | | | | | | | PR22BQ | 03 | PXD861X | 01 | 4 | MUX | C1 | | 19B | | |
| 62269 | | XA339 | 42 | | XA338 | 42 | | | 16B | 9 | | | PXXDQO | 07 | PXD862X | 01 | 2 | MUX | C2 | | 20A | | |
| 61704 | | XA339 | 43 | | XA339 | 29 | | | 16B | 9 | | | PXGN4A | 11 | PXD861X | 01 | 5 | MUX | C1 | | 22B | | |
| 60619 | | XA339 | 44 | | | | | | | | | | GND | 01 | | | | MUX | | | | 40A | |
| 60920 | | XA339 | 45 | | | | | | | | | | PEQMSO | 05 | PXD861X | 01 | 6 | MUX | C1 | | 23B | | |
| 62279 | | XA339 | 46 | | XA338 | 46 | | | 16B | 9 | | | PXXD1Q | 01 | PXD862X | 01 | 1 | MUX | C2 | | 21A | | |
| 60761 | | XA339 | 47 | | XA338 | 11 | | | 16B | 9 | | | PXGN1A | 05 | PXD861X | 01 | 7 | MUX | C1 | | 23A | | |
| 61713 | | XA339 | 48 | | XA341 | 80 | | | 16B | 9 | | | PXGN5A | 08 | PXD862X | 01 | 4 | MUX | C2 | | 22A | | |
| 62226 | | XA339 | 49 | | XA338 | 49 | | | 16B | 9 | | | PXXD1P | 04 | PXD80TA | 01 | 4 | MUX | D1 | | 24B | | |
| 61250 | | XA339 | 50 | | | | | | | | | | PSTCT2U | 05 | PXD861X | 01 | 8 | MUX | C1 | | 24A | | |
| 62415 | | XA339 | 51 | | XA338 | 15 | | | 16B | 9 | | | PONL10 | 01 | PXD80TA | 01 | 1 | MUX | D1 | | 25B | | |
| 62175 | | XA339 | 52 | | | | | | | | | | PXXCIQ | 04 | PXD80TA | 01 | 3 | MUX | D1 | | 25A | | |
| 61557 | | XA339 | 53 | | | | | | | | | | PXD80IX | 02 | PXD80TA | 01 | 2 | MUX | D1 | | 26B | | |
| 60958 | | XA339 | 54 | | | | | | | | | | PPERRS | 06 | PXD80TC | 01 | 1 | MUX | D3 | | 26A | | |
| 61549 | | XA339 | 55 | | | | | | | | | | PXD80TA | 02 | PXD80TA | 00 | 1 | MUX | D1 | | 27B | | |
| 61561 | | XA339 | 56 | | | | | | | | | | PXD821X | 02 | PXD80TC | 01 | 2 | MUX | D3 | | 28B | | |
| 63582 | | XA339 | 57 | | XA338 | 31 | | | 16B | 9 | | | QONL10 | 01 | PXD80TB | 01 | 1 | MUX | D2 | | 29B | | |
| 60620 | | XA339 | 58 | | | | | | | | | | GND | 01 | | | | MUX | | | | 40B | |
| 61559 | | XA339 | 59 | | | | | | | | | | PXD811X | 02 | PXD80TB | 01 | 2 | MUX | D2 | | 30B | | |
| 61553 | | XA339 | 60 | | | | | | | | | | PXD80TC | 02 | PXD80TC | 00 | 1 | MUX | D3 | | 28A | | |
| 61550 | | XA339 | 61 | | XA317 | 41 | | | 16B | 9 | | | PXD80TB | 01 | PXD80TB | 00 | 1 | MUX | D2 | | 31B | | |
| 62659 | | XA339 | 62 | | XA337 | 15 | | | 16B | 9 | | | OPERRS | 05 | PXD80TD | 01 | 1 | MUX | D4 | | 29A | | |
| 61554 | | XA339 | 63 | | XA317 | 45 | | | 16B | 9 | | | PXD80TD | 01 | PXD80TD | 00 | 1 | MUX | D4 | | 31A | | |
| 61563 | | XA339 | 64 | | | | | | | | | | PXD831X | 02 | PXD80TD | 01 | 2 | MUX | D4 | | 30A | | |
| 60285 | | XA339 | 65 | | | | | | | | | | DNW | 01 | | | | MUX | | | | | |
| 63813 | | XA339 | 66 | | XA337 | 35 | | | 16B | 9 | | | SPI0053 | 02 | | 01 | 4 | MUX | E1 | | 32B | | |
| 60621 | | XA339 | 67 | | | | | | | | | | GND | 01 | | | | MUX | | | | | |
| 64166 | | XA339 | 68 | | XA341 | 79 | | | 16B | 9 | | | SPI0223 | 10 | | 01 | 3 | MUX | E1 | | 33A | | |
| 64149 | | XA339 | 69 | | XA341 | 76 | | | 16B | 9 | | | SPI0213 | 05 | | 01 | 1 | MUX | E1 | | 32A | | |
| 63970 | | XA339 | 70 | | XA344 | 73 | | | 16B | 9 | | | SPI0123 | 09 | | 01 | 1 | MUX | E3 | | 34A | | |
| 63911 | | XA339 | 71 | | XA323 | 79 | | | 16B | 9 | | | SPT0083 | 04 | | 01 | 2 | MUX | E1 | | 33B | | |
| 63958 | | XA339 | 72 | | XA344 | 75 | | | 16B | 9 | | | SPI0113 | 08 | | 01 | 2 | MUX | E3 | | 35A | | |
| 64781 | | XA339 | 73 | | | | | | | | | | SPO | 01 | | 00 | 1 | MUX | E1 | | 34B | | |
| 64782 | | XA339 | 74 | | | | | | | | | | SPO | 01 | | 00 | 1 | MUX | E3 | | 36A | | |
| 63938 | | XA339 | 75 | | XA344 | 78 | | | 16B | 9 | | | SPI0093 | 11 | | 01 | 1 | MUX | E2 | | 35B | | |
| 63973 | | XA339 | 76 | | XA337 | 40 | | | 16B | 9 | | | SPI0133 | 02 | | 01 | 1 | MUX | E4 | | 37A | | |
| 63948 | | XA339 | 77 | | XA344 | 76 | | | 16B | 9 | | | SPI0103 | 09 | | 01 | 2 | MUX | E2 | | 36B | | |
| 63987 | | XA339 | 78 | | XA337 | 46 | | | 16B | 9 | | | SPI0143 | 06 | | 01 | 2 | MUX | F4 | | 38A | | |
| 64783 | | XA339 | 79 | | | | | | | | | | SPO | 01 | | 00 | 1 | MUX | E2 | | 37B | | |
| 64784 | | XA339 | 80 | | | | | | | | | | SPO | 01 | | 00 | 1 | MUX | E4 | | 38B | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA340
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 239

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|------|--------|-----------|-----|------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SMTC | PREFIX | CONNECTOR | PIN | SMTC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 61440 | | XA340 | 01 | | XA203 | 25 | | | 16B | 9 | | | PXASLOX | 06 | PXA0EA | 01 | 1 | TD4 | A2 | | 02B | | |
| 60622 | | XA340 | 02 | | | | | | | | | | GND | 01 | | | | TD4 | | | 01A | | |
| 60286 | | XA340 | 03 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 61723 | | XA340 | 04 | | | | | | | | | | PXINHR | 05 | PXA0EA | 01 | 2 | TD4 | A2 | | 04A | | |
| 60155 | | XA340 | 05 | | XA437 | 22 | | | 16B | 9 | | | DEVINH | 15 | PXA0EA | 01 | 3 | TD4 | A2 | | 03B | | |
| 61439 | | XA340 | 06 | | XA340 | 01 | | | 16B | 9 | | | PXASLOX | 05 | PXARQA | 01 | 1 | TD4 | A1 | | 05A | | |
| 62189 | | XA340 | 07 | | XA334 | 60 | | | 16B | 9 | | | PXXCS0 | 01 | PXA0EA | 01 | 4 | TD4 | A2 | | 03A | | |
| 61722 | | XA340 | 08 | | XA340 | 04 | | | 16B | 9 | | | PXINHR | 04 | PXARQA | 01 | 2 | TD4 | A1 | | 06A | | |
| 61450 | | XA340 | 09 | | XA345 | 06 | | | 16B | 9 | | | PXA0EA | 01 | PXA0EA | 00 | 1 | TD4 | A2 | | 04B | PORT A OUTPUT ENA | |
| 60156 | | XA340 | 10 | | XA340 | 05 | | | 16B | 9 | | | DEVINH | 14 | PXARQA | 01 | 3 | TD4 | A1 | | 07A | | |
| 61425 | | XA340 | 11 | | XA342 | 04 | | | 16B | 9 | | | PXARQA | 01 | PXARQA | 00 | 1 | TD4 | A1 | | 05B | | |
| 60131 | | XA340 | 12 | | | | | | | | | | +5V | 01 | | | | TD4 | | | | | |
| 62304 | | XA340 | 13 | | XA327 | 04 | | | 16B | 9 | | | PXXR0Q | 01 | PXARQA | 01 | 4 | TD4 | A1 | | 06B | | |
| 61510 | | XA340 | 14 | | XA331 | 01 | | | 16B | 9 | | | PXCMAS | 02 | PXCMA | 01 | 1 | TD4 | B2 | | 09A | | |
| 60287 | | XA340 | 15 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 60623 | | XA340 | 16 | | | | | | | | | | GND | 01 | | | | TD4 | | | 20B | | |
| 60288 | | XA340 | 17 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 62136 | | XA340 | 18 | | | | | | | | | | PXXB2A | 03 | PXCMA | 01 | 2 | TD4 | B2 | | 10A | | |
| 62318 | | XA340 | 19 | | XA328 | 30 | | | 16B | 9 | | | PXX04A | 02 | PXCMA | 01 | 3 | TD4 | B2 | | 09B | | |
| 61878 | | XA340 | 20 | | XA336 | 10 | | | 16B | 9 | | | PXRS2B | 19 | PXCMA | 01 | 4 | TD4 | B2 | | 11A | | |
| 61508 | | XA340 | 21 | | | | | | | | | | PXCMA | 02 | PXCMA | 00 | 1 | TD4 | B2 | | 10B | | |
| 61974 | | XA340 | 22 | | XA341 | 53 | | | 16B | 9 | | | PXR6CS | 01 | PXCA0A | 01 | 1 | TD4 | B1 | | 12A | | |
| 61496 | | XA340 | 23 | | XA341 | 26 | | | 16B | 9 | | | PXCA0A | 01 | PXCA0A | 00 | 1 | TD4 | B1 | | 11B | | |
| 61762 | | XA340 | 24 | | XA334 | 04 | | | 16B | 9 | | | PXRCMS | 01 | PXCA0A | 01 | 2 | TD4 | B1 | | 13A | | |
| 62324 | | XA340 | 25 | | | | | | | | | | PXX050 | 03 | PXCA0A | 01 | 3 | TD4 | B1 | | 12B | | |
| 61900 | | XA340 | 26 | | XA341 | 39 | | | 16B | 9 | | | PXROPA | 04 | PXCA0A | 01 | 4 | TD4 | B1 | | 14A | | |
| 60289 | | XA340 | 27 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 60132 | | XA340 | 28 | | | | | | | | | | +5V | 01 | | | | TD4 | | | | | |
| 60290 | | XA340 | 29 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 61609 | | XA340 | 30 | | XA341 | 30 | | | 16B | 9 | | | PXDVSS | 02 | PXDVSR | 01 | 1 | TD4 | C2 | | 15A | | |
| 62106 | | XA340 | 31 | | XA334 | 33 | | | 16B | 9 | | | PXXB0A | 02 | PXDVSR | 01 | 2 | TD4 | C2 | | 15B | | |
| 60624 | | XA340 | 32 | | | | | | | | | | GND | 01 | | | | TD4 | | | 21B | | |
| 61606 | | XA340 | 33 | | XA341 | 34 | | | 16B | 9 | | | PXDVSR | 01 | PXDVSR | 00 | 1 | TD4 | C2 | | 16B | | |
| 62153 | | XA340 | 34 | | | | | | | | | | PXXB3A | 04 | PXDVSR | 01 | 3 | TD4 | C2 | | 16A | | |
| 61587 | | XA340 | 35 | | XA315 | 63 | | | 16B | 9 | | | PXDEVR | 02 | PXDEVR | 00 | 1 | TD4 | C1 | | 17B | | |
| 61877 | | XA340 | 36 | | XA340 | 20 | | | 16B | 9 | | | PXRS2B | 18 | PXDVSR | 01 | 4 | TD4 | C2 | | 17A | | |
| 61589 | | XA340 | 37 | | XA341 | 38 | | | 16B | 9 | | | PXDEVS | 02 | PXDEVR | 01 | 1 | TD4 | C1 | | 18B | | |
| 62105 | | XA340 | 38 | | XA340 | 31 | | | 16B | 9 | | | PXXB0A | 01 | PXDEVR | 01 | 2 | TD4 | C1 | | 18A | | |
| 60291 | | XA340 | 39 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 62152 | | XA340 | 40 | | XA340 | 34 | | | 16B | 9 | | | PXXB3A | 03 | PXDEVR | 01 | 3 | TD4 | C1 | | 19A | | |
| 60292 | | XA340 | 41 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 61876 | | XA340 | 42 | | XA340 | 36 | | | 16B | 9 | | | PXRS2B | 17 | PXDEVR | 01 | 4 | TD4 | C1 | | 20A | | |
| 62550 | | XA340 | 43 | | | | | | | | | | QDER90 | 03 | POLPEA | 01 | 1 | TD4 | D2 | | 23B | | |
| 60625 | | XA340 | 44 | | | | | | | | | | GND | 01 | | | | TD4 | | | 27A | | |
| 62391 | | XA340 | 45 | | XA333 | 75 | | | 16B | 9 | | | POLPEA | 01 | POLPEA | 00 | 1 | TD4 | D2 | | 24B | DEVICE ERROR, CPU | |
| 62917 | | XA340 | 46 | | | | | | | | | | QSTRB0 | 06 | POLPEA | 01 | 2 | TD4 | D2 | | 21A | | |
| 61596 | | XA340 | 47 | | XA333 | 46 | | | 16B | 9 | | | PXDPEA | 01 | PXDPEA | 00 | 1 | TD4 | D1 | | 25B | RECEIVE DATA PART | |
| 62406 | | XA340 | 48 | | XA332 | 14 | | | 16B | 9 | | | PONLNQ | 01 | POLPEA | 01 | 3 | TD4 | D2 | | 22A | | |
| 61386 | | XA340 | 49 | | XA340 | 55 | | | 16B | 9 | | | PWRITO | 04 | PXDPEA | 01 | 1 | TD4 | D1 | | 26B | | |
| 61365 | | XA340 | 50 | | XA327 | 38 | | | 16B | 9 | | | PST390 | 01 | POLPEA | 01 | 4 | TD4 | D2 | | 23A | | |
| CONNECTOR XA340 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA340
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 240

| RECORD NUMBER | FROM | | | TO | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|----|--------|-----------|-----|-------|--------|---------|----------|--------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | SH FE | | | | | | | | | | | |
| 60293 | | XA340 | 51 | | | | | | | DNW | 01 | | | TD4 | | | | | |
| 61681 | | XA340 | 52 | | | | | | | PXENAS | 07 | PXDPEA | 01 | 2 | TD4 | D1 | 24A | | |
| 60294 | | XA340 | 53 | | | | | | | DNW | 01 | | | TD4 | | | | | |
| 61902 | | XA340 | 54 | | XA341 | 35 | | | | PXROPPR | 01 | PXDPEA | 01 | 3 | TD4 | D1 | 25A | | |
| 61387 | | XA340 | 55 | | XA340 | 75 | | | | PWRIT0 | 05 | PXEDIA | 01 | 1 | TD4 | E2 | 29B | | |
| 62090 | | XA340 | 56 | | XA340 | 64 | | | | PXXA50 | 09 | PXDPEA | 01 | 4 | TD4 | D1 | 26A | | |
| 61665 | | XA340 | 57 | | | | | | | PXEDIA | 03 | PXEDIA | 00 | 1 | TD4 | E2 | 30B | RECEIVE DATA STRO | |
| 60626 | | XA340 | 58 | | | | | | | GND | 01 | | | TD4 | | | 40A | | |
| 60982 | | XA340 | 59 | | | | | | | PQ08NA | 03 | PQ08NA | 00 | 1 | TD4 | E1 | 31B | INTERRUPT CPU-B. | |
| 61680 | | XA340 | 60 | | XA340 | 52 | | | | PXENAS | 06 | PXEDIA | 01 | 2 | TD4 | E2 | 28A | | |
| 62559 | | XA340 | 61 | | XA336 | 60 | | | | QDLENO | 01 | PQ08NA | 01 | 1 | TD4 | E1 | 32B | STATE 8 | |
| 62149 | | XA340 | 62 | | | | | | | PXXB20 | 05 | PXEDIA | 01 | 3 | TD4 | E2 | 29A | | |
| 60295 | | XA340 | 63 | | | | | | | DNW | 01 | | | TD4 | | | | | |
| 62091 | | XA340 | 64 | | XA340 | 79 | | | | PXXA50 | 10 | PXEDIA | 01 | 4 | TD4 | E2 | 30A | | |
| 60296 | | XA340 | 65 | | | | | | | DNW | 01 | | | TD4 | | | | | |
| 61347 | | XA340 | 66 | | | | | | | PST080 | 06 | PQ08NA | 01 | 2 | TD4 | E1 | 31A | | |
| 60627 | | XA340 | 67 | | | | | | | GND | 01 | | | TD4 | | | 40B | | |
| 60914 | | XA340 | 68 | | XA326 | 74 | | | | PE080Q | 01 | PQ08NA | 01 | 3 | TD4 | E1 | 32A | | |
| 61674 | | XA340 | 69 | | | | | | | PXENAR | 02 | PXENAR | 00 | 1 | TD4 | F2 | 35A | | |
| 62440 | | XA340 | 70 | | | | | | | PONL20 | 13 | PQ08NA | 01 | 4 | TD4 | E1 | 33A | | |
| 61678 | | XA340 | 71 | | XA341 | 72 | | | | PXENAS | 04 | PXENAR | 01 | 1 | TD4 | F2 | 36A | | |
| 62164 | | XA340 | 72 | | | | | | | PXXB5A | 03 | PXENAR | 01 | 2 | TD4 | F2 | 34A | | |
| 62317 | | XA340 | 73 | | XA340 | 19 | | | | PXX04A | 01 | PXENAR | 01 | 3 | TD4 | F2 | 36B | | |
| 61875 | | XA340 | 74 | | XA340 | 42 | | | | PXRS2B | 16 | PXENAR | 01 | 4 | TD4 | F2 | 35B | | |
| 61388 | | XA340 | 75 | | | | | | | PWRIT0 | 06 | PXED0A | 01 | 1 | TD4 | F1 | 37B | | |
| 61660 | | XA340 | 76 | | XA323 | 22 | | | | PXED0A | 01 | PXED0A | 00 | 1 | TD4 | F1 | 37A | RECEIVE DATA STRO | |
| 61677 | | XA340 | 77 | | XA340 | 71 | | | | PXENAS | 03 | PXED0A | 01 | 2 | TD4 | F1 | 38B | | |
| 62130 | | XA340 | 78 | | XA334 | 39 | | | | PXXB10 | 02 | PXED0A | 01 | 3 | TD4 | F1 | 38A | | |
| 62092 | | XA340 | 79 | | | | | | | PXXA50 | 11 | PXED0A | 01 | 4 | TD4 | F1 | 39B | | |
| 60297 | | XA340 | 80 | | | | | | | DNW | 01 | | | TD4 | | | | | |
| 61415 | | XA341 | 01 | | XA343 | 03 | | | | PXAIF0 | 01 | PXAIF0 | 00 | 1 | TQ2 | A2 | 02B | | |
| 60628 | | XA341 | 02 | | | | | | | GND | 01 | | | TQ2 | | | 01A | | |
| 61499 | | XA341 | 03 | | | | | | | PXCA1A | 02 | PXCA10 | 01 | 1 | TQ2 | A3 | 02A | | |
| 61404 | | XA341 | 04 | | XA342 | 06 | | | | PXAIEA | 02 | PXAIF0 | 01 | 1 | TQ2 | A2 | 04A | | |
| 64187 | | XA341 | 05 | | XA341 | 07 | | | | SPIO223 | 31 | PXAIF0 | 01 | 2 | TQ2 | A2 | 03B | | |
| 61414 | | XA341 | 06 | | | | | | | PXAIE0 | 09 | PXAIE0 | 00 | 1 | TQ2 | A1 | 05A | | |
| 64188 | | XA341 | 07 | | XA341 | 10 | | | | SPIO223 | 32 | PXCA10 | 01 | 2 | TQ2 | A3 | 03A | | |
| 61403 | | XA341 | 08 | | XA341 | 04 | | | | PXAIEA | 01 | PXAIE0 | 01 | 1 | TQ2 | A1 | 06A | | |
| 61506 | | XA341 | 09 | | | | | | | PXCA10 | 07 | PXCA10 | 00 | 1 | TQ2 | A3 | 04B | | |
| 64189 | | XA341 | 10 | | XA544 | 72 | | | | SPIO223 | 33 | PXAIE0 | 01 | 2 | TQ2 | A1 | 07A | | |
| 61644 | | XA341 | 11 | | | | | | | PXEA0A | 05 | PXEA00 | 01 | 1 | TQ2 | A4 | 05B | | |
| 60133 | | XA341 | 12 | | | | | | | +5V | 01 | | | TQ2 | | | | | |
| 64183 | | XA341 | 13 | | XA342 | 13 | | | | SPIO223 | 27 | PXEA00 | 01 | 2 | TQ2 | A4 | 06B | | |
| 61584 | | XA341 | 14 | | XA342 | 11 | | | | PXDEVA | 05 | PXDEVA | 00 | 1 | TQ2 | B2 | 09A | * | |
| 61647 | | XA341 | 15 | | XA335 | 64 | | | | PXEA00 | 03 | PXEA00 | 00 | 1 | TQ2 | A4 | 07B | | |
| 60629 | | XA341 | 16 | | | | | | | GND | 01 | | | TQ2 | | | 01B | | |
| 61911 | | XA341 | 17 | | | | | | | PXR092T | 02 | PXE0B0 | 01 | 1 | TQ2 | B3 | 08B | | |
| 61949 | | XA341 | 18 | | XA341 | 47 | | | | PXR3CS | 02 | PXDEVA | 01 | 1 | TQ2 | B2 | 10A | | |
| CONNECTOR (XA341) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA341
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 241

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SPE. INST. MISC. | SIGNAL | SEQ NO | EQUATION | TERM. | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------------|------|-------|-------|------------------|---------|--------|----------|-------|--------|------------------|-------|---------------------|-------------|-------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | AND | OR | | |
| 64182 | | XA341 | 19 | | XA341 | 13 | | | 16B | 9 | | SPIO223 | 26 | PXE0B0 | 01 | 2 | TQ2 | B3 | | 09B | | | |
| 64181 | | XA341 | 20 | | XA341 | 19 | | | 16B | 9 | | SPIO223 | 25 | PXDEVA | 01 | 2 | TQ2 | B2 | | 11A | | | |
| 61683 | | XA341 | 21 | | | | | | | | | PXE0B0 | 02 | PXE0B0 | 00 | 1 | TQ2 | B3 | | 10B | | | |
| 61509 | | XA341 | 22 | | XA340 | 14 | | | 16B | 9 | | PXCMA5 | 01 | PXCMA5 | 00 | 1 | TQ2 | B1 | | 12A | ADDRESS STORE E/F | | |
| 61717 | | XA341 | 23 | | XA332 | 15 | | | 16B | 9 | | PXHS0A | 01 | PXST20 | 01 | 1 | TQ2 | B4 | | 11B | | | |
| 61507 | | XA341 | 24 | | XA340 | 21 | | | 16B | 9 | | PXCMA5 | 01 | PXCMA5 | 01 | 1 | TQ2 | B1 | | 13A | | | |
| 61998 | | XA341 | 25 | | XA333 | 05 | | | 16B | 9 | | PXSS0A | 01 | PXST20 | 01 | 2 | TQ2 | B4 | | 12B | | | |
| 61497 | | XA341 | 26 | | | | | | | | | PXCA0A | 02 | PXCMA5 | 01 | 2 | TQ2 | B1 | | 14A | | | |
| 62010 | | XA341 | 27 | | XA342 | 23 | | | 16B | 9 | | PXST20 | 01 | PXST20 | 00 | 1 | TQ2 | B4 | | 13B | | | |
| 60134 | | XA341 | 28 | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | | |
| 61922 | | XA341 | 29 | | XA317 | 29 | | | 16B | 9 | | PXR097T | 01 | PXSST0 | 01 | 1 | TQ2 | C3 | | 14B | | | |
| 61610 | | XA341 | 30 | | | | | | | | | PXDVSS | 03 | PXDVSS | 00 | 1 | TQ2 | C2 | | 15A | DEV COMMAND STOP | | |
| 64176 | | XA341 | 31 | | XA342 | 31 | | | 16B | 9 | | SPIO223 | 20 | PXSST0 | 01 | 2 | TQ2 | C3 | | 15B | | | |
| 60630 | | XA341 | 32 | | | | | | | | | GND | 01 | | | | TQ2 | | | 20B | | | |
| 61997 | | XA341 | 33 | | | | | | | | | PXSST0 | 02 | PXSST0 | 00 | 1 | TQ2 | C3 | | 16B | | | |
| 61607 | | XA341 | 34 | | | | | | | | | PXDVSR | 02 | PXDVSS | 01 | 1 | TQ2 | C2 | | 16A | | | |
| 61903 | | XA341 | 35 | | XA336 | 40 | | | 16B | 9 | | PXROPPR | 02 | PXROPA | 01 | 1 | TQ2 | C4 | | 17B | | | |
| 61639 | | XA341 | 36 | | | | | | | | | PXDV5A | 02 | PXDVSS | 01 | 2 | TQ2 | C2 | | 17A | | | |
| 64175 | | XA341 | 37 | | XA341 | 31 | | | 16B | 9 | | SPIO223 | 19 | PXROPA | 01 | 2 | TQ2 | C4 | | 18B | | | |
| 61590 | | XA341 | 38 | | | | | | | | | PXDEVS | 03 | PXDEVS | 00 | 1 | TQ2 | C1 | | 18A | DEVICE COMMAND ST | | |
| 61901 | | XA341 | 39 | | | | | | | | | PXROPA | 05 | PXROPA | 00 | 1 | TQ2 | C4 | | 19B | | | |
| 61586 | | XA341 | 40 | | XA340 | 35 | | | 16B | 9 | | PXDEVR | 01 | PXDEVS | 01 | 1 | TQ2 | C1 | | 19A | | | |
| 61942 | | XA341 | 41 | | XA342 | 45 | | | 16B | 9 | | PXR2CS | 03 | PXR2CR | 01 | 1 | TQ2 | D3 | | 22B | | | |
| 61611 | | XA341 | 42 | | XA333 | 47 | | | 16B | 9 | | PXDVOA | 01 | PXDEVS | 01 | 2 | TQ2 | C1 | | 20A | | | |
| 61788 | | XA341 | 43 | | XA341 | 49 | | | 16B | 9 | | PXRRSA | 05 | PXR2CR | 01 | 2 | TQ2 | D3 | | 23B | | | |
| 60631 | | XA341 | 44 | | | | | | | | | GND | 01 | | | | TQ2 | | | 21B | | | |
| 61936 | | XA341 | 45 | | XA331 | 48 | | | 16B | 9 | | PXR2CR | 02 | PXR2CR | 00 | 1 | TQ2 | D3 | | 24B | | | |
| 61927 | | XA341 | 46 | | XA331 | 10 | | | 16B | 9 | | PXR1CR | 02 | PXR1CR | 00 | 1 | TQ2 | D2 | | 21A | | | |
| 61950 | | XA341 | 47 | | XA342 | 51 | | | 16B | 9 | | PXR3CS | 03 | PXR3CR | 01 | 1 | TQ2 | D4 | | 25B | | | |
| 61933 | | XA341 | 48 | | XA342 | 46 | | | 16B | 9 | | PXR1CS | 03 | PXR1CR | 01 | 1 | TQ2 | D2 | | 22A | | | |
| 61789 | | XA341 | 49 | | XA341 | 50 | | | 16B | 9 | | PXRRSA | 06 | PXR3CR | 01 | 2 | TQ2 | D4 | | 26B | | | |
| 61790 | | XA341 | 50 | | XA341 | 56 | | | 16B | 9 | | PXRRSA | 07 | PXR1CR | 01 | 2 | TQ2 | D2 | | 23A | | | |
| 61945 | | XA341 | 51 | | XA331 | 49 | | | 16B | 9 | | PXR3CR | 02 | PXR3CR | 00 | 1 | TQ2 | D4 | | 27B | | | |
| 61889 | | XA341 | 52 | | XA331 | 43 | | | 16B | 9 | | PXROCR | 02 | PXROCR | 00 | 1 | TQ2 | D1 | | 24A | | | |
| 61975 | | XA341 | 53 | | XA342 | 57 | | | 16B | 9 | | PXR6CS | 02 | PXR6CR | 01 | 1 | TQ2 | E3 | | 28B | | | |
| 61893 | | XA341 | 54 | | XA337 | 53 | | | 16B | 9 | | PXROCS | 02 | PXROCR | 01 | 1 | TQ2 | D1 | | 25A | | | |
| 61792 | | XA341 | 55 | | XA341 | 61 | | | 16B | 9 | | PXRRSA | 09 | PXR6CR | 01 | 2 | TQ2 | E3 | | 29B | | | |
| 61791 | | XA341 | 56 | | XA341 | 55 | | | 16B | 9 | | PXRRSA | 08 | PXROCR | 01 | 2 | TQ2 | D1 | | 26A | | | |
| 61972 | | XA341 | 57 | | XA331 | 54 | | | 16B | 9 | | PXR6CR | 02 | PXR6CR | 00 | 1 | TQ2 | E3 | | 30B | | | |
| 60632 | | XA341 | 58 | | | | | | | | | GND | 01 | | | | TQ2 | | | 27A | | | |
| 61989 | | XA341 | 59 | | XA342 | 63 | | | 16B | 9 | | PXR7CS | 05 | PXR7CR | 01 | 1 | TQ2 | E4 | | 31B | | | |
| 61963 | | XA341 | 60 | | XA331 | 52 | | | 16B | 9 | | PXR5CR | 02 | PXR5CR | 00 | 1 | TQ2 | E2 | | 28A | | | |
| 61793 | | XA341 | 61 | | XA341 | 64 | | | 16B | 9 | | PXRRSA | 10 | PXR7CR | 01 | 2 | TQ2 | E4 | | 32B | | | |
| 61969 | | XA341 | 62 | | XA342 | 60 | | | 16B | 9 | | PXR5CS | 05 | PXR5CR | 01 | 1 | TQ2 | E2 | | 29A | | | |
| 61983 | | XA341 | 63 | | XA331 | 56 | | | 16B | 9 | | PXR7CR | 02 | PXR7CR | 00 | 1 | TQ2 | E4 | | 33B | | | |
| 61794 | | XA341 | 64 | | XA341 | 70 | | | 16B | 9 | | PXRRSA | 11 | PXR5CR | 01 | 2 | TQ2 | E2 | | 30A | | | |
| 61908 | | XA341 | 65 | | XA317 | 26 | | | 16B | 9 | | PXR091T | 01 | PXHST0 | 01 | 1 | TQ2 | F3 | | 34B | | | |
| 61954 | | XA341 | 66 | | XA331 | 50 | | | 16B | 9 | | PXR4CR | 02 | PXR4CR | 00 | 1 | TQ2 | F1 | | 31A | | | |
| 60633 | | XA341 | 67 | | | | | | | | | GND | 01 | | | | TQ2 | | | 40A | | | |
| 61958 | | XA341 | 68 | | XA337 | 71 | | | 16B | 9 | | PXR4CS | 02 | PXR4CR | 01 | 1 | TQ2 | F1 | | 32A | | | |
| CONNECTOR XA341 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA341
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 242

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SPE INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO | |
|---------------|--------|-----------|----------------------------|--------|--------|-----------|-----|--------|-------------|------|-------|---------|---------------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|--|
| | PREFIX | CONNECTOR | PIN | SH F/C | PREFIX | CONNECTOR | PIN | SH F/C | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | | |
| 61716 | | XA341 | 69 | | | | | | | | | | PXHST0 | 02 | PXHST0 | 00 | 1 | T02 | F3 | | | 35A | | | |
| 61795 | | XA341 | 70 | | | | | | | | | PXRRSA | 12 | PXR4CR | 01 | 2 | T02 | E1 | | | | | 33A | | |
| 61673 | | XA341 | 71 | | XA340 | 69 | | | 16B | 9 | | PXENAR | 01 | PXENAS | 01 | 1 | T02 | F2 | | | | 36A | | | |
| 61679 | | XA341 | 72 | | XA340 | 60 | | | 16B | 9 | | PXENAS | 05 | PXENAS | 00 | 1 | T02 | F2 | | | | 34A | ENABLE STORE F/F | | |
| 61643 | | XA341 | 73 | | XA341 | 11 | | | 16B | 9 | | PXEA0A | 04 | PXENAS | 01 | 2 | T02 | F2 | | | | 36B | | | |
| 64169 | | XA341 | 74 | | XA342 | 73 | | | 16B | 9 | | SPIO223 | 13 | PXHST0 | 01 | 2 | T02 | F3 | | | | 35B | | | |
| 61995 | | XA341 | 75 | | | | | | | | | PXSK00 | 03 | PXSK00 | 00 | 1 | T02 | F1 | | | | 37B | STATUS REG CLOCK | | |
| 64150 | | XA341 | 76 | | XA342 | 71 | | | 16B | 9 | | SPIO213 | 06 | PXGN5A | 01 | 1 | T02 | F4 | | | | 37A | | | |
| 61992 | | XA341 | 77 | | | | | | | | | PXSK0A | 02 | PXSK00 | 01 | 1 | T02 | F1 | | | | 38B | | | |
| 64168 | | XA341 | 78 | | XA341 | 74 | | | 16B | 9 | | SPIO223 | 12 | PXGN5A | 01 | 2 | T02 | F4 | | | | 38A | | | |
| 64167 | | XA341 | 79 | | XA341 | 78 | | | 16B | 9 | | SPIO223 | 11 | PXSK00 | 01 | 2 | T02 | F1 | | | | 39B | | | |
| 61714 | | XA341 | 80 | | | | | | | | | PXGN5A | 09 | PXGN5A | 00 | 1 | T02 | F4 | | | | 39A | | | |
| 61427 | | XA342 | 01 | | XA345 | 31 | | | 16B | 9 | | PXAR00 | 01 | PXAR00 | 00 | 1 | T02 | A2 | | | | 02B | | | |
| 60634 | | XA342 | 02 | | | | | | | | | GND | 01 | | | | T02 | | | | | 01A | | | |
| 61438 | | XA342 | 03 | | XA340 | 06 | | | 16B | 9 | | PXASLOX | 04 | PXASLA | 01 | 1 | T02 | A3 | | | | 02A | | | |
| 61426 | | XA342 | 04 | | | | | | | | | PXAR0A | 02 | PXAR00 | 01 | 1 | T02 | A2 | | | | 04A | | | |
| 64186 | | XA342 | 05 | | XA341 | 05 | | | 16B | 9 | | SPIO223 | 30 | PXAR00 | 01 | 2 | T02 | A2 | | | | 03B | | | |
| 61405 | | XA342 | 06 | | | | | | | | | PXAIEA | 03 | PXAIEA | 00 | 1 | T02 | A1 | | | | 05A | PORT A INPUT ENAB | | |
| 64185 | | XA342 | 07 | | XA342 | 05 | | | 16B | 9 | | SPIO223 | 29 | PXASLA | 01 | 2 | T02 | A3 | | | | 03A | | | |
| 61437 | | XA342 | 08 | | XA342 | 03 | | | 16B | 9 | | PXASLOX | 03 | PXAIEA | 01 | 1 | T02 | A1 | | | | 06A | | | |
| 61431 | | XA342 | 09 | | XA202 | 29 | | | 16B | 9 | | PXASLA | 01 | PXASLA | 00 | 1 | T02 | A3 | | | | 04B | | | |
| 62243 | | XA342 | 10 | | XA335 | 57 | | | 16B | 9 | | PXXDRA | 01 | PXAIEA | 01 | 2 | T02 | A1 | | | | 07A | | | |
| 61585 | | XA342 | 11 | | | | | | | | | PXDEVA | 06 | PXDEVO | 01 | 1 | T02 | A4 | | | | 05B | | | |
| 60135 | | XA342 | 12 | | | | | | | | | +5V | 01 | | | | T02 | | | | | | | | |
| 64184 | | XA342 | 13 | | XA342 | 07 | | | 16B | 9 | | SPIO223 | 28 | PXDEVO | 01 | 2 | T02 | A4 | | | | 06B | | | |
| 61744 | | XA342 | 14 | | XA203 | 17 | | | 16B | 9 | | PXPRSA | 01 | PXPRSA | 00 | 1 | T02 | B2 | | | | 09A | | | |
| 61591 | | XA342 | 15 | | XA336 | 24 | | | 16B | 9 | | PXDEVO | 01 | PXDEVO | 00 | 1 | T02 | A4 | | | | 07B | | | |
| 60635 | | XA342 | 16 | | | | | | | | | GND | 01 | | | | T02 | | | | | 01B | | | |
| 62006 | | XA342 | 17 | | XA329 | 25 | | | 16B | 9 | | PXST1Q | 01 | PXST1A | 01 | 1 | T02 | B3 | | | | 08B | | | |
| 61748 | | XA342 | 18 | | XA346 | 29 | | | 16B | 9 | | PXPRSOX | 01 | PXPRSA | 01 | 1 | T02 | B2 | | | | 10A | | | |
| 61541 | | XA342 | 19 | | | | | | | | | PXCP3B | 10 | PXST1A | 01 | 2 | T02 | B3 | | | | 09B | | | |
| 64180 | | XA342 | 20 | | XA341 | 20 | | | 16B | 9 | | SPIO223 | 24 | PXPRSA | 01 | 2 | T02 | B2 | | | | 11A | | | |
| 62005 | | XA342 | 21 | | | | | | | | | PXST1A | 03 | PXST1A | 00 | 1 | T02 | B3 | | | | 10B | | | |
| 61600 | | XA342 | 22 | | XA336 | 26 | | | 16B | 9 | | PXDVC0 | 01 | PXDVC0 | 00 | 1 | T02 | B1 | | | | 12A | | | |
| 62011 | | XA342 | 23 | | | | | | | | | PXST20 | 02 | PXST2A | 01 | 1 | T02 | B4 | | | | 11B | | | |
| 61907 | | XA342 | 24 | | | | | | | | | PXR090T | 02 | PXDVC0 | 01 | 1 | T02 | B1 | | | | 13A | | | |
| 64178 | | XA342 | 25 | | XA342 | 26 | | | 16B | 9 | | SPIO223 | 22 | PXST2A | 01 | 2 | T02 | B4 | | | | 12B | | | |
| 64179 | | XA342 | 26 | | XA342 | 20 | | | 16B | 9 | | SPIO223 | 23 | PXDVC0 | 01 | 2 | T02 | B1 | | | | 14A | | | |
| 62009 | | XA342 | 27 | | | | | | | | | PXST2A | 02 | PXST2A | 00 | 1 | T02 | B4 | | | | 13B | | | |
| 60136 | | XA342 | 28 | | | | | | | | | +5V | 01 | | | | T02 | | | | | | | | |
| 61616 | | XA342 | 29 | | XA331 | 23 | | | 16B | 9 | | PXDV1A | 04 | PXDV30 | 01 | 1 | T02 | C3 | | | | 14B | | | |
| 61630 | | XA342 | 30 | | XA342 | 38 | | | 16B | 9 | | PXDV20 | 12 | PXDV1B | 01 | 2 | T02 | C2 | | | | 15A | | | |
| 61635 | | XA342 | 30 | | | | | | | | J | PXDV20 | 01 | PXDV20 | 00 | 1 | T02 | C2 | | | | 15A | PXDV1B BUSS | | |
| 64177 | | XA342 | 31 | | XA342 | 25 | | | 16B | 9 | | SPIO223 | 21 | PXDV30 | 01 | 2 | T02 | C3 | | | | 15B | | | |
| 60636 | | XA342 | 32 | | | | | | | | | GND | 01 | | | | T02 | | | | | 20B | | | |
| 61633 | | XA342 | 33 | | XA205 | 62 | | | 16B | 9 | | PXDV30 | 15 | PXDV1B | 01 | 3 | T02 | C3 | | | | 16B | | A03 | |
| 61636 | | XA342 | 33 | | | | | | | | J | PXDV30 | 01 | PXDV30 | 00 | 1 | T02 | C3 | | | | 16B | PXDV1B BUSS | | |
| 61614 | | XA342 | 34 | | XA342 | 35 | | | 16B | 9 | | PXDV1A | 02 | PXDV20 | 01 | 1 | T02 | C2 | | | | 16A | | | |
| CONNECTOR | | XA342 | CONTINUED ON THE NEXT PAGE | | | | | | | | | | **** | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA342
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 243

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SPECIES | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|---------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DRIFT | PREFIX | CONNECTOR | PIN | DRIFT | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 61615 | | XA342 | 35 | | | XA342 | 29 | | | 16B | 9 | | PXDV1A | 03 | PXDV40 | 01 | 1 | TQ2 | C4 | | 17B | | |
| 64173 | | XA342 | 36 | | | XA342 | 37 | | | 16B | 9 | | SPI0223 | 17 | PXDV20 | 01 | 2 | TQ2 | C2 | | 17A | | |
| 64174 | | XA342 | 37 | | | XA341 | 37 | | | 16B | 9 | | SPI0223 | 18 | PXDV40 | 01 | 2 | TQ2 | C4 | | 18B | | |
| 61631 | | XA342 | 38 | | | XA342 | 39 | | | 16B | 9 | | PXDV10 | 13 | PXDV1B | 01 | 1 | TQ2 | C1 | | 18A | | |
| 61634 | | XA342 | 38 | | | | | | | | | J | PXDV10 | 01 | PXDV10 | 00 | 1 | TQ2 | C1 | | 18A | PXDV1B BUSS | |
| 61632 | | XA342 | 39 | | | XA342 | 33 | | | 16B | 9 | | PXDV40 | 14 | PXDV1B | 01 | 4 | TQ2 | C4 | | 19B | | |
| 61637 | | XA342 | 39 | | | | | | | | | J | PXDV40 | 01 | PXDV40 | 00 | 1 | TQ2 | C4 | | 19B | PXDV1B BUSS | |
| 61613 | | XA342 | 40 | | | XA342 | 34 | | | 16B | 9 | | PXDV1A | 01 | PXDV10 | 01 | 1 | TQ2 | C1 | | 19A | | |
| 61935 | | XA342 | 41 | | | XA341 | 45 | | | 16B | 9 | | PXR2CR | 01 | PXR2CS | 01 | 1 | TQ2 | D3 | | 22B | | |
| 64172 | | XA342 | 42 | | | XA342 | 36 | | | 16B | 9 | | SPI0223 | 16 | PXDV10 | 01 | 2 | TQ2 | C1 | | 20A | | |
| 61462 | | XA342 | 43 | | | | | | | | | | PXA2CB4 | 03 | PXR2CS | 01 | 2 | TQ2 | D3 | | 23B | | |
| 60637 | | XA342 | 44 | | | | | | | | | | GND | 01 | | | | | | | 21B | | |
| 61943 | | XA342 | 45 | | | | | | | | | | PXR2CS | 04 | PXR2CS | 00 | 1 | TQ2 | D3 | | 24B | I/O INPUT REG DAT | |
| 61934 | | XA342 | 46 | | | | | | | | | | PXR1CS | 04 | PXR1CS | 00 | 1 | TQ2 | D2 | | 21A | I/O INPUT REG DAT | |
| 61944 | | XA342 | 47 | | | XA341 | 51 | | | 16B | 9 | | PXR3CR | 01 | PXR3CS | 01 | 1 | TQ2 | D4 | | 25B | | |
| 61926 | | XA342 | 48 | | | XA341 | 46 | | | 16B | 9 | | PXR1CR | 01 | PXR1CS | 01 | 1 | TQ2 | D2 | | 22A | | |
| 61468 | | XA342 | 49 | | | | | | | | | | PXA3CB4 | 03 | PXR3CS | 01 | 2 | TQ2 | D4 | | 26B | | |
| 61454 | | XA342 | 50 | | | XA344 | 26 | | | 16B | 9 | | PXA1CB4 | 01 | PXR1CS | 01 | 2 | TQ2 | D2 | | 23A | | |
| 61951 | | XA342 | 51 | | | XA337 | 64 | | | 16B | 9 | | PXR3CS | 04 | PXR3CS | 00 | 1 | TQ2 | D4 | | 27B | I/O INPUT REG DAT | |
| 61892 | | XA342 | 52 | | | XA341 | 54 | | | 16B | 9 | | PXR0CS | 01 | PXR0CS | 00 | 1 | TQ2 | D1 | | 24A | I/O INPUT REG DAT | |
| 61971 | | XA342 | 53 | | | XA341 | 57 | | | 16B | 9 | | PXR6CR | 01 | PXR6CS | 01 | 1 | TQ2 | E3 | | 28B | | |
| 61888 | | XA342 | 54 | | | XA341 | 52 | | | 16B | 9 | | PXR0CR | 01 | PXR0CS | 01 | 1 | TQ2 | D1 | | 25A | | |
| 61486 | | XA342 | 55 | | | | | | | | | | PXA6CB4 | 03 | PXR6CS | 01 | 2 | TQ2 | E3 | | 29B | | |
| 61446 | | XA342 | 56 | | | | | | | | | | PXA0CB4 | 03 | PXR0CS | 01 | 2 | TQ2 | D1 | | 26A | | |
| 61976 | | XA342 | 57 | | | XA337 | 72 | | | 16B | 9 | | PXR6CS | 03 | PXR6CS | 00 | 1 | TQ2 | E3 | | 30B | I/O INPUT REG DAT | |
| 60638 | | XA342 | 58 | | | | | | | | | | GND | 01 | | | | | | | 27A | | |
| 61982 | | XA342 | 59 | | | XA341 | 63 | | | 16B | 9 | | PXR7CR | 01 | PXR7CS | 01 | 1 | TQ2 | E4 | | 31B | | |
| 61970 | | XA342 | 60 | | | | | | | | | | PXR5CS | 06 | PXR5CS | 00 | 1 | TQ2 | E2 | | 28A | I/O INPUT REG DAT | |
| 61492 | | XA342 | 61 | | | | | | | | | | PXA7CB4 | 03 | PXR7CS | 01 | 2 | TQ2 | E4 | | 32B | | |
| 61962 | | XA342 | 62 | | | XA341 | 60 | | | 16B | 9 | | PXR5CR | 01 | PXR5CS | 01 | 1 | TQ2 | E2 | | 29A | | |
| 61990 | | XA342 | 63 | | | | | | | | | | PXR7CS | 06 | PXR7CS | 00 | 1 | TQ2 | E4 | | 33B | I/O INPUT REG DAT | |
| 61478 | | XA342 | 64 | | | XA344 | 36 | | | 16B | 9 | | PXA5CB4 | 01 | PXR5CS | 01 | 2 | TQ2 | E2 | | 30A | | |
| 64152 | | XA342 | 65 | | | XA343 | 49 | | | 16B | 9 | | SPI0213 | 08 | PXGN4A | 01 | 1 | TQ2 | F3 | | 34B | | |
| 61957 | | XA342 | 66 | | | XA341 | 68 | | | 16B | 9 | | PXR4CS | 01 | PXR4CS | 00 | 1 | TQ2 | F1 | | 31A | I/O INPUT REG DAT | |
| 60639 | | XA342 | 67 | | | | | | | | | | GND | 01 | | | | | | | 40A | | |
| 61953 | | XA342 | 68 | | | XA341 | 66 | | | 16B | 9 | | PXR4CR | 01 | PXR4CS | 01 | 1 | TQ2 | F1 | | 32A | | |
| 61703 | | XA342 | 69 | | | XA339 | 43 | | | 16B | 9 | | PXGN4A | 10 | PXGN4A | 00 | 1 | TQ2 | F3 | | 35A | | |
| 61474 | | XA342 | 70 | | | | | | | | | | PXA4CB4 | 03 | PXR4CS | 01 | 2 | TQ2 | F1 | | 33A | | |
| 64151 | | XA342 | 71 | | | XA342 | 65 | | | 16B | 9 | | SPI0213 | 07 | PXGN1A | 01 | 1 | TQ2 | F2 | | 36A | | |
| 61687 | | XA342 | 72 | | | XA339 | 47 | | | 16B | 9 | | PXGN1A | 04 | PXGN1A | 00 | 1 | TQ2 | F2 | | 34A | | |
| 64170 | | XA342 | 73 | | | XA342 | 74 | | | 16B | 9 | | SPI0223 | 14 | PXGN1A | 01 | 2 | TQ2 | F2 | | 36B | | |
| 64171 | | XA342 | 74 | | | XA342 | 42 | | | 16B | 9 | | SPI0223 | 15 | PXGN4A | 01 | 2 | TQ2 | F3 | | 35B | | |
| 61991 | | XA342 | 75 | | | XA341 | 77 | | | 16B | 9 | | PXSK0A | 01 | PXSK0A | 00 | 1 | TQ2 | F1 | | 37B | | |
| 62355 | | XA342 | 76 | | | | | | | | | | PXOFERS | 09 | PXODRA | 01 | 1 | TQ2 | F4 | | 37A | | |
| 62200 | | XA342 | 77 | | | | | | | | | | PXXC2Q | 05 | PXSK0A | 01 | 1 | TQ2 | F1 | | 38B | | |
| 62129 | | XA342 | 78 | | | XA340 | 78 | | | 16B | 9 | | PXXB10 | 01 | PXODRA | 01 | 2 | TQ2 | F4 | | 38A | | |
| 62204 | | XA342 | 79 | | | | | | | | | | PXXC3P | 04 | PXSK0A | 01 | 2 | TQ2 | F1 | | 39B | | |
| 62329 | | XA342 | 80 | | | | | | | | | | PXODRA | 03 | PXODRA | 00 | 1 | TQ2 | F4 | | 39A | DEF RESET STROBE | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA343
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 244

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SPEC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | FCO NO |
|---------------|--------|-----------|---------------------------------|------|--------|-----------|-----|------|-------------|------|-------|-------|----------------|---------|--------|----------|------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | WIRE | PREFIX | CONNECTOR | PIN | WIRE | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | |
| 61397 | | XA343 | 01 | | XA344 | 10 | | | 16B | 9 | | | P | PXAEND | 02 | PXAENB4 | 01 | 1 | TLD | A2 | | 02B | PXAENB4 BUSS | |
| 61399 | | XA343 | 01 | | | | | | | | | | J | PXAEND | 01 | PXAEND | 00 | 1 | TLD | A2 | | 02B | | |
| 60640 | | XA343 | 02 | | | | | | | | | | | GND | 01 | | | | TLD | | | 01A | | |
| 61416 | | XA343 | 03 | | XA343 | 04 | | | 16B | 9 | | | | PXAIF0 | 02 | PXAPCD | 01 | 1 | TLD | A3 | | 02A | | |
| 61417 | | XA343 | 04 | | XA343 | 08 | | | 16B | 9 | | | | PXAIF0 | 03 | PXAEND | 01 | 1 | TLD | A2 | | 04A | | |
| 61401 | | XA343 | 05 | | XA345 | 15 | | | 16B | 9 | | | | PXAENOX | 02 | PXAEND | 01 | 2 | TLD | A2 | | 03B | | |
| 61390 | | XA343 | 06 | | XA335 | 05 | | | 16B | 9 | | | P | PXACMD | 02 | PXACMB4 | 01 | 1 | TLD | A1 | | 05A | PXACMB4 BUSS | |
| 61392 | | XA343 | 06 | | | | | | | | | | J | PXACMD | 01 | PXACMD | 00 | 1 | TLD | A1 | | 05A | | |
| 61423 | | XA343 | 07 | | XA345 | 03 | | | 16B | 9 | | | | PXAPCOX | 01 | PXAPCD | 01 | 2 | TLD | A3 | | 03A | | |
| 61418 | | XA343 | 08 | | | | | | | | | | | PXAIF0 | 04 | PXACMD | 01 | 1 | TLD | A1 | | 06A | | |
| 61420 | | XA343 | 09 | | XA335 | 13 | | | 16B | 9 | | | P | PXAPCD | 02 | PXAPCB4 | 01 | 1 | TLD | A3 | | 04B | PXAPCB4 BUSS | |
| 61422 | | XA343 | 09 | | | | | | | | | | J | PXAPCD | 01 | PXAPCD | 00 | 1 | TLD | A3 | | 04B | | |
| 61394 | | XA343 | 10 | | XA345 | 09 | | | 16B | 9 | | | | PXACMOX | 02 | PXACMD | 01 | 2 | TLD | A1 | | 07A | | |
| 64194 | | XA343 | 11 | | XA324 | 64 | | | 16B | 9 | | | | SPI0233 | 04 | | 01 | 1 | TLD | A4 | | 05B | | |
| 60137 | | XA343 | 12 | | | | | | | | | | | +5V | 01 | | | | TLD | | | | | |
| 64156 | | XA343 | 13 | | XA544 | 66 | | | 16B | 9 | | | | SPI0213 | 11 | | 01 | 2 | TLD | A4 | | 06B | | |
| 61456 | | XA343 | 14 | | | | | | | | | | P | PXA1CD | 03 | PXA1CB4 | 01 | 1 | TLD | B2 | | 09A | PXA1CB4 BUSS | |
| 61457 | | XA343 | 14 | | | | | | | | | | J | PXA1CD | 01 | PXA1CD | 00 | 1 | TLD | B2 | | 09A | | |
| 64975 | | XA343 | 15 | | | | | | | | | | | SPO | 01 | | 00 | 1 | TLD | A4 | | 07B | | |
| 60641 | | XA343 | 16 | | | | | | | | | | | GND | 01 | | | | TLD | | | 01B | | |
| 61413 | | XA343 | 17 | | XA341 | 06 | | | 16B | 9 | | | | PXAIE0 | 08 | PXA2CD | 01 | 1 | TLD | B3 | | 08B | | |
| 61412 | | XA343 | 18 | | XA343 | 17 | | | 16B | 9 | | | | PXAIE0 | 07 | PXA1CD | 01 | 1 | TLD | B2 | | 10A | | |
| 61464 | | XA343 | 19 | | XA345 | 57 | | | 16B | 9 | | | | PXA2COX | 01 | PXA2CD | 01 | 2 | TLD | B3 | | 09B | | |
| 61458 | | XA343 | 20 | | XA345 | 56 | | | 16B | 9 | | | | PXA1COX | 01 | PXA1CD | 01 | 2 | TLD | B2 | | 11A | | |
| 61461 | | XA343 | 21 | | XA342 | 43 | | | 16B | 9 | | | P | PXA2CD | 02 | PXA2CB4 | 01 | 1 | TLD | B3 | | 10B | PXA2CB4 BUSS | |
| 61463 | | XA343 | 21 | | | | | | | | | | J | PXA2CD | 01 | PXA2CD | 00 | 1 | TLD | B3 | | 10B | | |
| 61445 | | XA343 | 22 | | XA342 | 56 | | | 16B | 9 | | | P | PXA0CD | 02 | PXA0CB4 | 01 | 1 | TLD | B1 | | 12A | PXA0CB4 BUSS | |
| 61447 | | XA343 | 22 | | | | | | | | | | J | PXA0CD | 01 | PXA0CD | 00 | 1 | TLD | B1 | | 12A | | |
| 61410 | | XA343 | 23 | | XA343 | 24 | | | 16B | 9 | | | | PXAIE0 | 05 | PXA3CD | 01 | 1 | TLD | B4 | | 11B | | |
| 61411 | | XA343 | 24 | | XA343 | 18 | | | 16B | 9 | | | | PXAIE0 | 06 | PXA0CD | 01 | 1 | TLD | B1 | | 13A | | |
| 61470 | | XA343 | 25 | | XA345 | 48 | | | 16B | 9 | | | | PXA3COX | 01 | PXA3CD | 01 | 2 | TLD | B4 | | 12B | | |
| 61448 | | XA343 | 26 | | XA345 | 47 | | | 16B | 9 | | | | PXA0COX | 01 | PXA0CD | 01 | 2 | TLD | B1 | | 14A | | |
| 61467 | | XA343 | 27 | | XA342 | 49 | | | 16B | 9 | | | P | PXA3CD | 02 | PXA3CB4 | 01 | 1 | TLD | B4 | | 13B | PXA3CB4 BUSS | |
| 61469 | | XA343 | 27 | | | | | | | | | | J | PXA3CD | 01 | PXA3CD | 00 | 1 | TLD | B4 | | 13B | | |
| 60138 | | XA343 | 28 | | | | | | | | | | | +5V | 01 | | | | TLD | | | | | |
| 61409 | | XA343 | 29 | | XA343 | 23 | | | 16B | 9 | | | | PXAIE0 | 04 | PXA6CD | 01 | 1 | TLD | C3 | | 14B | | |
| 61480 | | XA343 | 30 | | | | | | | | | | P | PXA5CD | 03 | PXA5CB4 | 01 | 1 | TLD | C2 | | 15A | PXA5CB4 BUSS | |
| 61481 | | XA343 | 30 | | | | | | | | | | J | PXA5CD | 01 | PXA5CD | 00 | 1 | TLD | C2 | | 15A | | |
| 61488 | | XA343 | 31 | | XA345 | 76 | | | 16B | 9 | | | | PXA6COX | 01 | PXA6CD | 01 | 2 | TLD | C3 | | 15B | | |
| 60642 | | XA343 | 32 | | | | | | | | | | | GND | 01 | | | | TLD | | | 21B | | |
| 61485 | | XA343 | 33 | | XA342 | 55 | | | 16B | 9 | | | P | PXA6CD | 02 | PXA6CB4 | 01 | 1 | TLD | C3 | | 16B | PXA6CB4 BUSS | |
| 61487 | | XA343 | 33 | | | | | | | | | | J | PXA6CD | 01 | PXA6CD | 00 | 1 | TLD | C3 | | 16B | | |
| 61407 | | XA343 | 34 | | XA343 | 35 | | | 16B | 9 | | | | PXAIE0 | 02 | PXA5CD | 01 | 1 | TLD | C2 | | 16A | | |
| 61408 | | XA343 | 35 | | XA343 | 29 | | | 16B | 9 | | | | PXAIE0 | 03 | PXA7CD | 01 | 1 | TLD | C4 | | 17B | | |
| 61482 | | XA343 | 36 | | XA345 | 75 | | | 16B | 9 | | | | PXA5COX | 01 | PXA5CD | 01 | 2 | TLD | C2 | | 17A | | |
| 61494 | | XA343 | 37 | | XA345 | 68 | | | 16B | 9 | | | | PXA7COX | 01 | PXA7CD | 01 | 2 | TLD | C4 | | 18B | | |
| 61473 | | XA343 | 38 | | XA342 | 70 | | | 16B | 9 | | | P | PXA4CD | 02 | PXA4CB4 | 01 | 1 | TLD | C1 | | 18A | PXA4CB4 BUSS | |
| 61475 | | XA343 | 38 | | | | | | | | | | J | PXA4CD | 01 | PXA4CD | 00 | 1 | TLD | C1 | | 18A | | |
| 61491 | | XA343 | 39 | | XA342 | 61 | | | 16B | 9 | | | P | PXA7CD | 02 | PXA7CB4 | 01 | 1 | TLD | C4 | | 19B | PXA7CB4 BUSS | |
| 61493 | | XA343 | 39 | | | | | | | | | | J | PXA7CD | 01 | PXA7CD | 00 | 1 | TLD | C4 | | 19B | | |
| CONNECTOR | | XA343 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

H78-14 1259

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA343
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 245

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SFC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------------|---------|--------|----------|------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DRIFT | PREFIX | CONNECTOR | PIN | DRIFT | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | |
| 61406 | | XA343 | 40 | | | XA343 | 34 | | | 16B | 9 | | | PXAIEO | 01 | PXA4CD | 01 | 1 | TLD | C1 | | 19A | | |
| 62777 | | XA343 | 41 | | | XA310 | 15 | | | 16B | 9 | | | QXBIEO | 03 | QXBPCD | 01 | 1 | TLD | D3 | | 22B | | |
| 61476 | | XA343 | 42 | | | XA345 | 69 | | | 16B | 9 | | | PXA4COX | 01 | PXA4CD | 01 | 2 | TLD | C1 | | 20A | | |
| 62780 | | XA343 | 43 | | | XA346 | 03 | | | 16B | 9 | | | QXBPCOX | 01 | QXBPCD | 01 | 2 | TLD | D3 | | 23B | | |
| 60643 | | XA343 | 44 | | | | | | | | | | | GND | 01 | | | 1 | TLD | | | 27A | | |
| 62729 | | XA343 | 45 | | | XA307 | 31 | | | 16B | 9 | | P | QXBPCD | 02 | QXAPCB4 | 01 | 1 | TLD | D3 | | 24B | | |
| 62779 | | XA343 | 45 | | | | | | | | | | J | QXBPCD | 01 | QXBPCD | 00 | 1 | TLD | D3 | | 24B | QXA PCB4 BUSS | |
| 62726 | | XA343 | 46 | | | XA307 | 36 | | | 16B | 9 | | P | QXBEND | 02 | QXAENB4 | 01 | 1 | TLD | D2 | | 21A | | |
| 62759 | | XA343 | 46 | | | | | | | | | | J | QXBEND | 01 | QXBEND | 00 | 1 | TLD | D2 | | 21A | QXAENB4 BUSS | |
| 64193 | | XA343 | 47 | | | XA343 | 11 | | | 16B | 9 | | | SPIO233 | 03 | | 01 | 1 | TLD | D4 | | 25B | | |
| 62776 | | XA343 | 48 | | | XA343 | 41 | | | 16B | 9 | | | QXBIEO | 02 | QXBEND | 01 | 1 | TLD | D2 | | 22A | | |
| 64153 | | XA343 | 49 | | | XA346 | 31 | | | 16B | 9 | | | SPIO213 | 09 | | 01 | 2 | TLD | D4 | | 26B | | |
| 62760 | | XA343 | 50 | | | XA346 | 15 | | | 16B | 9 | | | QXBENOX | 01 | QXBEND | 01 | 2 | TLD | D2 | | 23A | | |
| 64976 | | XA343 | 51 | | | | | | | | | | | SPO | 01 | | 00 | 1 | TLD | D4 | | 27B | | |
| 62723 | | XA343 | 52 | | | XA307 | 42 | | | 16B | 9 | | P | QXBCMD | 02 | QXACMB4 | 01 | 1 | TLD | D1 | | 24A | | |
| 62755 | | XA343 | 52 | | | | | | | | | | J | QXBCMD | 01 | QXBCMD | 00 | 1 | TLD | D1 | | 24A | QXACMB4 BUSS | |
| 62773 | | XA343 | 53 | | | XA310 | 09 | | | 16B | 9 | | | QXBIEO | 08 | QXB2CD | 01 | 1 | TLD | E3 | | 28B | | |
| 62775 | | XA343 | 54 | | | XA343 | 48 | | | 16B | 9 | | | QXBIEO | 01 | QXBCMD | 01 | 1 | TLD | D1 | | 25A | | |
| 62812 | | XA343 | 55 | | | XA346 | 57 | | | 16B | 9 | | | QXB2COX | 01 | QXB2CD | 01 | 2 | TLD | E3 | | 29B | | |
| 62756 | | XA343 | 56 | | | XA346 | 09 | | | 16B | 9 | | | QXB2COX | 01 | QXBCMD | 01 | 2 | TLD | D1 | | 26A | | |
| 62739 | | XA343 | 57 | | | | | | | | | | P | QXB2CD | 03 | QXA2CB4 | 01 | 1 | TLD | E3 | | 30B | | |
| 62811 | | XA343 | 57 | | | | | | | | | | J | QXB2CD | 01 | QXB2CD | 00 | 1 | TLD | E3 | | 30B | QXA2CB4 BUSS | |
| 60644 | | XA343 | 58 | | | | | | | | | | | GND | 01 | | | | TLD | | | 40A | | |
| 62772 | | XA343 | 59 | | | XA343 | 53 | | | 16B | 9 | | | QXBIEO | 07 | QXB3CD | 01 | 1 | TLD | F4 | | 31B | | |
| 62735 | | XA343 | 60 | | | XA307 | 50 | | | 16B | 9 | | P | QXB1CD | 02 | QXA1CB4 | 01 | 1 | TLD | E2 | | 28A | | |
| 62808 | | XA343 | 60 | | | | | | | | | | J | QXB1CD | 01 | QXB1CD | 00 | 1 | TLD | E2 | | 28A | QXA1CB4 BUSS | |
| 62815 | | XA343 | 61 | | | XA346 | 48 | | | 16B | 9 | | | QXB3COX | 01 | QXB3CD | 01 | 2 | TLD | E4 | | 32B | | |
| 62766 | | XA343 | 62 | | | XA343 | 68 | | | 16B | 9 | | | QXBIEO | 01 | QXB1CD | 01 | 1 | TLD | E2 | | 29A | | |
| 62740 | | XA343 | 63 | | | XA344 | 52 | | | 16B | 9 | | P | QXB3CD | 01 | QXA3CB4 | 01 | 1 | TLD | E4 | | 33B | | |
| 62814 | | XA343 | 63 | | | | | | | | | | J | QXB3CD | 01 | QXB3CD | 00 | 1 | TLD | E4 | | 33B | QXA3CB4 BUSS | |
| 62809 | | XA343 | 64 | | | XA346 | 56 | | | 16B | 9 | | | QXB1COX | 01 | QXB1CD | 01 | 2 | TLD | E2 | | 30A | | |
| 62771 | | XA343 | 65 | | | XA343 | 59 | | | 16B | 9 | | | QXBIEO | 06 | QXB6CD | 01 | 1 | TLD | E3 | | 34B | | |
| 62732 | | XA343 | 66 | | | XA307 | 56 | | | 16B | 9 | | P | QXB0CD | 02 | QXA0CB4 | 01 | 1 | TLD | E1 | | 31A | | |
| 62801 | | XA343 | 66 | | | | | | | | | | J | QXB0CD | 01 | QXB0CD | 00 | 1 | TLD | E1 | | 31A | QXA0CB4 BUSS | |
| 60645 | | XA343 | 67 | | | | | | | | | | | GND | 01 | | | | TLD | | | | | |
| 62767 | | XA343 | 68 | | | XA343 | 76 | | | 16B | 9 | | | QXBIEO | 02 | QXB0CD | 01 | 1 | TLD | F1 | | 32A | | |
| 62750 | | XA343 | 69 | | | XA307 | 55 | | | 16B | 9 | | P | QXB6CD | 02 | QXA6CB4 | 01 | 1 | TLD | F3 | | 35A | | |
| 62823 | | XA343 | 69 | | | | | | | | | | J | QXB6CD | 01 | QXB6CD | 00 | 1 | TLD | E3 | | 35A | QXA6CB4 BUSS | |
| 62802 | | XA343 | 70 | | | XA346 | 47 | | | 16B | 9 | | | QXB0COX | 01 | QXB0CD | 01 | 2 | TLD | E1 | | 33A | | |
| 62770 | | XA343 | 71 | | | XA343 | 65 | | | 16B | 9 | | | QXBIEO | 05 | QXB5CD | 01 | 1 | TLD | F2 | | 36A | | |
| 62747 | | XA343 | 72 | | | XA307 | 64 | | | 16B | 9 | | P | QXB5CD | 02 | QXA5CB4 | 01 | 1 | TLD | F2 | | 34A | | |
| 62820 | | XA343 | 72 | | | | | | | | | | J | QXB5CD | 01 | QXB5CD | 00 | 1 | TLD | F2 | | 34A | QXA5CB4 BUSS | |
| 62821 | | XA343 | 73 | | | XA346 | 75 | | | 16B | 9 | | | QXB5COX | 01 | QXB5CD | 01 | 2 | TLD | F2 | | 36B | | |
| 62824 | | XA343 | 74 | | | XA346 | 76 | | | 16B | 9 | | | QXB6COX | 01 | QXB6CD | 01 | 2 | TLD | F3 | | 35B | | |
| 62744 | | XA343 | 75 | | | XA307 | 70 | | | 16B | 9 | | P | QXB4CD | 02 | QXA4CB4 | 01 | 1 | TLD | F1 | | 37B | | |
| 62817 | | XA343 | 75 | | | | | | | | | | J | QXB4CD | 01 | QXB4CD | 00 | 1 | TLD | F1 | | 37B | QXA4CB4 BUSS | |
| 62768 | | XA343 | 76 | | | XA343 | 77 | | | 16B | 9 | | | QXBIEO | 03 | QXB7CD | 01 | 1 | TLD | F4 | | 37A | | |
| 62769 | | XA343 | 77 | | | XA343 | 71 | | | 16B | 9 | | | QXBIEO | 04 | QXB4CD | 01 | 1 | TLD | F1 | | 38B | | |
| 62827 | | XA343 | 78 | | | XA346 | 68 | | | 16B | 9 | | | QXB7COX | 01 | QXB7CD | 01 | 2 | TLD | F4 | | 38A | | |
| 62818 | | XA343 | 79 | | | XA346 | 69 | | | 16B | 9 | | | QXB4COX | 01 | QXB4CD | 01 | 2 | TLD | F1 | | 39B | | |
| CONNECTOR (XA343) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1260

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA343
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 246

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SPEC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------------|---------------------------------|--------|-----------|-----|---------|-------------|------|-------|----------------|--------|----------|----------|---------|--------|------------------|-------|---------------------|--------------------|--------------------|--------------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | DR IFCU | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 62753 | | XA343 | 80 | | | | | | | | | | | | | | | | | | | |
| 62826 | | XA343 | 80 | | XA307 | 61 | | | 16B | 9 | | | QXB7CD | 02 | QXA7CB4 | 01 | 1 | TLD | F4 | | 39A | |
| | | | | | | | | | | | | | QXB7CD | 01 | QXB7CD | 00 | 1 | TLD | F4 | | 39A | QXA7CB4 BUSS |
| 60298 | | XA344 | 01 | | | | | | | | | | | | | | | | | | | |
| 60646 | | XA344 | 02 | | | | | | | | | | DNW | 01 | | | | | | | | |
| | | | | | | | | | | | | | GND | 01 | | | | | | | | |
| 85030 | | XA344 | 02 | | | | | | | | | | G34402 | 06 | | | | | | | | |
| 60018 | | XA344 | 03 | | XA344 | 13 | | | 16B | 9 | | | +05RES | 33B | | | | | | | | A03 |
| 60017 | | XA344 | 04 | | XA344 | 03 | | | 16B | 9 | | | +05RES | 33 | | | | RR4 | AP | | | |
| 61419 | | XA344 | 05 | | XA343 | 09 | | | 16B | 9 | | | PXAPCB4 | 01 | | | | RR4 | A3 | | | |
| 60719 | | XA344 | 06 | | XA344 | 02 | | | 16B | 9 | | | G34402 | 05 | | | | RR4 | AC | | | A03 |
| 61433 | | XA344 | 07 | | XA325 | 51 | | | 16B | 9 | | | SPIO173 | 01 | | | | RR4 | A4 | | | |
| 61389 | | XA344 | 08 | | XA343 | 06 | | | 16B | 9 | | | PXACMB4 | 01 | | | | RR4 | A1 | | | |
| 61442 | | XA344 | 09 | | XA345 | 41 | | | 16B | 9 | | | PXASTDX4 | 01 | | | | RR4 | A5 | | | |
| 61398 | | XA344 | 10 | | | | | | | | | | PXAENB4 | 03 | | | | RR4 | A2 | | | |
| 60299 | | XA344 | 11 | | | | | | | | | | DNW | 01 | | | | RR4 | | | | |
| 60139 | | XA344 | 12 | | | | | | | | | | +5V | 01 | | | | RR4 | | | | |
| 60019 | | XA344 | 13 | | XA344 | 14 | | | 16B | 9 | | | +05RES | 33E | | | | RR4 | BP | | | |
| 60020 | | XA344 | 14 | | XA344 | 22 | | | 16B | 9 | | | +05RES | 33H | | | | RR4 | BP | | | |
| 60728 | | XA344 | 15 | | | | | | | | | | DNW | 01 | | | | RR4 | | | | KEYWAY |
| 60729 | | XA344 | 16 | | | | | | | | | | DNW | 01 | | | | RR4 | | | | KEYWAY |
| 61466 | | XA344 | 17 | | XA343 | 27 | | | 16B | 9 | | | PXA3CB4 | 01 | | | | RR4 | B4 | | | |
| 60718 | | XA344 | 18 | | XA344 | 06 | | | 16B | 9 | | | G34402 | 04 | | | | RR4 | BC | | | |
| 61472 | | XA344 | 19 | | XA343 | 38 | | | 16B | 9 | | | PXA4CB4 | 01 | | | | RR4 | B5 | | | |
| 61444 | | XA344 | 20 | | XA343 | 22 | | | 16B | 9 | | | PXA0CB4 | 01 | | | | RR4 | B1 | | | |
| 60022 | | XA344 | 21 | | XA344 | 33 | | | 16B | 9 | | | +05RES | 33N | | | | RR4 | CP | | | |
| 60021 | | XA344 | 22 | | XA344 | 21 | | | 16B | 9 | | | +05RES | 33K | | | | RR4 | CP | | | |
| 61490 | | XA344 | 23 | | XA343 | 39 | | | 16B | 9 | | | PXA7CB4 | 01 | | | | RR4 | C3 | | | |
| 61460 | | XA344 | 24 | | XA343 | 21 | | | 16B | 9 | | | PXA2CB4 | 01 | | | | RR4 | B3 | | | |
| 61746 | | XA344 | 25 | | XA348 | 43 | | | 16B | 9 | | | PXPRSB4 | 00 | | | | RR4 | C4 | | | |
| 61455 | | XA344 | 26 | | XA343 | 14 | | | 16B | 9 | | | PXA1CB4 | 02 | | | | RR4 | B2 | | | |
| 60300 | | XA344 | 27 | | | | | | | | | | DNW | 01 | | | | RR4 | | | | |
| 60140 | | XA344 | 28 | | | | | | | | | | +5V | 01 | | | | RR4 | | | | |
| 62722 | | XA344 | 29 | | XA343 | 52 | | | 16B | 9 | | | QXACMB4 | 01 | | | | RR4 | C5 | | | |
| 60717 | | XA344 | 30 | | XA344 | 18 | | | 16B | 9 | | | G34402 | 03 | | | | RR4 | CC | | | |
| 60301 | | XA344 | 31 | | | | | | | | | | DNW | 01 | | | | RR4 | | | | |
| 60647 | | XA344 | 32 | | | | | | | | | | GND | 01 | | | | RR4 | | | | |
| 65029 | | XA344 | 32 | | XA344 | 40 | | | 16B | 9 | | | G34402 | 01 | | | | RR4 | | | | |
| 60023 | | XA344 | 33 | | XA344 | 34 | | | 16B | 9 | | | +05RES | 33R | | | | RR4 | DP | | | |
| 60024 | | XA344 | 34 | | XA344 | 50 | | | 16B | 9 | | | +05RES | 33U | | | | RR4 | DP | | | |
| 62731 | | XA344 | 35 | | XA343 | 66 | | | 16B | 9 | | | QXA0CB4 | 01 | | | | RR4 | D3 | | | |
| 61479 | | XA344 | 36 | | XA343 | 30 | | | 16B | 9 | | | PXA5CB4 | 02 | | | | RR4 | C1 | | | |
| 62734 | | XA344 | 37 | | XA343 | 60 | | | 16B | 9 | | | QXA1CB4 | 01 | | | | RR4 | D4 | | | |
| 61484 | | XA344 | 38 | | XA343 | 33 | | | 16B | 9 | | | PXA6CB4 | 01 | | | | RR4 | C2 | | | |
| 62738 | | XA344 | 39 | | XA343 | 57 | | | 16B | 9 | | | QXA2CB4 | 02 | | | | RR4 | D5 | | | |
| 60716 | | XA344 | 40 | | XA344 | 30 | | | 16B | 9 | | | G34402 | 02 | | | | RR4 | DC | | | |
| 62752 | | XA344 | 41 | | XA343 | 80 | | | 16B | 9 | | | QXA7CB4 | 01 | | | | RR4 | E5 | | | A03 |
| 62725 | | XA344 | 42 | | XA343 | 46 | | | 16B | 9 | | | QXAENB4 | 01 | | | | RR4 | D1 | | | |
| 60302 | | XA344 | 43 | | | | | | | | | | DNW | 01 | | | | RR4 | | | | |
| 60648 | | XA344 | 44 | | | | | | | | | | GND | 01 | | | | RR4 | | | | |
| | | CONNECTOR XA344 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | |

H78-14 1261

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA344
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 247

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|-------------|-------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DR FC | PREFIX | CONNECTOR | PIN | DR FC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | SPE INST | MISC | | |
| 65032 | XA344 | 44 | | | | | | | | | | | G34444 | 06 | | | RR4 | | | | | | | |
| 62749 | XA344 | 45 | | | XA343 | 69 | | | 16B | 9 | | | QXA5CB4 | 01 | | | RR4 | F4 | | | | | A03 | |
| 62728 | XA344 | 46 | | | XA343 | 45 | | | 16B | 9 | | | QXAPCB4 | 01 | | | RR4 | D2 | | | | | | |
| 62746 | XA344 | 47 | | | XA343 | 72 | | | 16B | 9 | | | QXA5CB4 | 01 | | | RR4 | E3 | | | | | | |
| 62743 | XA344 | 48 | | | XA343 | 75 | | | 16B | 9 | | | QXA4CB4 | 01 | | | RR4 | E2 | | | | | | |
| 60026 | XA344 | 49 | | | XA344 | 59 | | | 16B | 9 | | | +05RES | 34B | | | RR4 | EP | | | | | | |
| 60025 | XA344 | 50 | | | XA344 | 49 | | | 16B | 9 | | | +05RES | 34 | | | RR4 | EP | | | | | | |
| 63774 | XA344 | 51 | | | | | | | | | | | SPI0033 | 34 | | | RR4 | F5 | | | | | | |
| 62741 | XA344 | 52 | | | XA307 | 49 | | | 16B | 9 | | | QXA3CB4 | 02 | | | RR4 | E1 | | | | | | |
| 63701 | XA344 | 53 | | | XA320 | 15 | | | 16B | 9 | | | SPI0023 | 01 | | | RR4 | F4 | | | | | | |
| 60715 | XA344 | 54 | | | XA344 | 44 | | | 16B | 9 | | | G34444 | 05 | | | RR4 | EC | | | | | A03 | |
| 63700 | XA344 | 55 | | | | | | | | | | | SPI0013 | 34 | | | RR4 | F3 | | | | | | |
| 62800 | XA344 | 56 | | | | | | | | | | | QXBSTD4 | 02 | | | RR4 | F2 | | | | | | |
| 60730 | XA344 | 57 | | | | | | | | | | | DNW | 01 | | | RR4 | | | | KEYWAY | | A03 | |
| 60731 | XA344 | 58 | | | | | | | | | | | DNW | 01 | | | RR4 | | | | KEYWAY | | A03 | |
| 60027 | XA344 | 59 | | | XA344 | 60 | | | 16B | 9 | | | +05RES | 34E | | | RR4 | FP | | | | | | |
| 60028 | XA344 | 60 | | | XA344 | 70 | | | 16B | 9 | | | +05RES | 34H | | | RR4 | FP | | | | | | |
| 63910 | XA344 | 61 | | | XA339 | 71 | | | 16B | 9 | | | SPI0083 | 03 | | | RR4 | G5 | | | | | | |
| 62791 | XA344 | 62 | | | XA348 | 39 | | | 16B | 9 | | | PXASLB4 | 01 | | | RR4 | F1 | | | | | | |
| 63874 | XA344 | 63 | | | XA317 | 48 | | | 16B | 9 | | | SPI0073 | 01 | | | RR4 | G4 | | | | | | |
| 60714 | XA344 | 64 | | | XA344 | 54 | | | 16B | 9 | | | G34444 | 04 | | | RR4 | FC | | | | | A03 | |
| 63873 | XA344 | 65 | | | | | | | | | | | SPI0063 | 34 | | | RR4 | G3 | | | | | | |
| 63812 | XA344 | 66 | | | XA339 | 66 | | | 16B | 9 | | | SPI0053 | 01 | | | RR4 | G2 | | | | | | |
| 60649 | XA344 | 67 | | | | | | | | | | | GND | 01 | | | RR4 | | | | | | | |
| 65031 | XA344 | 67 | | | XA344 | 77 | | | 16B | 9 | | | G34444 | 01 | | | RR4 | | | | | | A03 | |
| 60303 | XA344 | 68 | | | | | | | | | | | DNW | 01 | | | RR4 | | | | | | | |
| 60030 | XA344 | 69 | | | XA344 | 79 | | | 16B | 9 | | | +05RES | 34N | | | RR4 | GP | | | | | | |
| 60029 | XA344 | 70 | | | XA344 | 69 | | | 16B | 9 | | | +05RES | 34K | | | RR4 | GP | | | | | | |
| 63972 | XA344 | 71 | | | XA339 | 76 | | | 16B | 9 | | | SPI0133 | 01 | | | RR4 | H5 | | | | | | |
| 63775 | XA344 | 72 | | | XA306 | 73 | | | 16B | 9 | | | SPI0043 | 01 | | | RR4 | G1 | | | | | | |
| 63971 | XA344 | 73 | | | | | | | | | | | SPI0123 | 10 | | | RR4 | H4 | | | | | | |
| 60713 | XA344 | 74 | | | XA344 | 64 | | | 16B | 9 | | | G34444 | 03 | | | RR4 | GC | | | | | A03 | |
| 63959 | XA344 | 75 | | | XA346 | 34 | | | 16B | 9 | | | SPI0113 | 09 | | | RR4 | H3 | | | | | | |
| 63949 | XA344 | 76 | | | XA346 | 38 | | | 16B | 9 | | | SPI0103 | 10 | | | RR4 | H2 | | | | | | |
| 60712 | XA344 | 77 | | | XA344 | 74 | | | 16B | 9 | | | G34444 | 02 | | | RR4 | HC | | | | | A03 | |
| 63939 | XA344 | 78 | | | | | | | | | | | SPI0093 | 12 | | | RR4 | H1 | | | | | | |
| 60031 | XA344 | 79 | | | XA344 | 80 | | | 16B | 9 | | | +05RES | 34R | | | RR4 | HP | | | | | | |
| 60032 | XA344 | 80 | | | XA442 | 80 | | | 16B | 9 | | | +05RES | 34U | | | RR4 | HP | | | | | | |
| 48152 | XA345 | 01 | | | XA446 | 46 | | | 16B | 9 | | P | PXAPCDX | 03 | TAOPAB | 03 | 1 | DCF | A7 | | 02A | | | |
| 64840 | XA345 | 01 | | | | | | | | | | J | PXAPCDX | 01 | PXAPCDX | 00 | 1 | DCF | A7 | | 02A | TAOPAB BUSS | | |
| 60681 | XA345 | 02 | | | | | | | | | | | GND | 01 | | | DCF | | | | 01A | | | |
| 65006 | XA345 | 02 | | | XA243 | 44 | | | 16B | 9 | | | XAQPAR | 04 | | | DCF | | | | 01A | | | |
| 61424 | XA345 | 03 | | | | | | | | | | | PXAPCOX | 02 | PXAPCOX | 00 | 1 | DCF | A8 | | 03A | | | |
| 61599 | XA345 | 04 | | | | | | | | | | | PXDSBPR | 02 | PXAPCOX | 01 | 1 | DCF | A8 | | 04A | | | |
| 60682 | XA345 | 05 | | | XA243 | 45 | | | 16B | 9 | | | XACMAR | 04 | | | DCF | | | | | | | |
| 61451 | XA345 | 06 | | | XA345 | 52 | | | 16B | 9 | | | PXAQEA | 02 | PXACMDX | 01 | 1 | DCF | A1 | | 05A | | | |
| 64845 | XA345 | 06 | | | | | | | | | | M | PXAQEA | 01 | PXAPCDX | 01 | 1 | DCF | A7 | | 05A | | | |
| 64846 | XA345 | 06 | | | | | | | | | | M | PXAQEA | 01 | PXAENDX | 01 | 1 | DCF | A3 | | 05A | | | |
| CONNECTOR (XA345) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA345
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 248

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|----|--------|-----------|-----|----|-------------|------|-------|-------|---------|--------|-----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DR | PREFIX | CONNECTOR | PIN | DR | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 64847 | XA345 | 06 | | | | | | | | | | | PXA0EA | 01 | PXAINDX | 01 | 1 | DCF | A5 | | 05A | | |
| 48149 | XA345 | 07 | | | XA446 | 60 | | | 16B | 9 | | | PXACMDX | 03 | TACMAB | 03 | 1 | DCF | A1 | | 02B | | |
| 64836 | XA345 | 07 | | | | | | | | | | | PXACMDX | 01 | PXACMDX | 00 | 1 | DCF | A1 | | 02B | TACMAB BUSS | |
| 61546 | XA345 | 08 | | | XA332 | 04 | | | 16B | 9 | | | PXDBIO | 01 | PXAINOX | 01 | 1 | DCF | A6 | | 06A | | |
| 61395 | XA345 | 09 | | | | | | | | | | | PXACMOX | 03 | PXACMOX | 00 | 1 | DCF | A2 | | 03B | | |
| 64839 | XA345 | 10 | | | | | | | | | | | PXAINOX | 01 | PXAINOX | 00 | 1 | DCF | A6 | | 07A | | |
| 61684 | XA345 | 11 | | | XA345 | 13 | | | 16B | 9 | | | PXGNIA | 01 | PXACMOX | 01 | 1 | DCF | A2 | | 04B | | |
| 60141 | XA345 | 12 | | | | | | | | | | | +5V | 01 | | | | DCF | | | 08A | | |
| 61685 | XA345 | 13 | | | XA345 | 36 | | | 16B | 9 | | | PXGNIA | 02 | PXAENOX | 01 | 1 | DCF | A4 | | 05B | | |
| 48151 | XA345 | 14 | | | XA446 | 55 | | | 16B | 9 | | | PXAINDX | 03 | TAINAB | 03 | 1 | DCF | A5 | | 08B | | |
| 64838 | XA345 | 14 | | | | | | | | | | | PXAINDX | 01 | PXAINDX | 00 | 1 | DCF | A5 | | 08B | TAINAB BUSS | |
| 61402 | XA345 | 15 | | | | | | | | | | | PXAENOX | 03 | PXAENOX | 00 | 1 | DCF | A4 | | 06B | | |
| 60685 | XA345 | 16 | | | | | | | | | | | GND | 01 | | | | DCF | | | | | |
| 65004 | XA345 | 16 | | | XA243 | 58 | | | 16B | 9 | | | XAINAR | 04 | | | | DCF | | | | | |
| 48150 | XA345 | 17 | | | XA446 | 43 | | | 16B | 9 | | | PXAENDX | 03 | TAENAB | 03 | 1 | DCF | A3 | | 07B | | |
| 64837 | XA345 | 17 | | | | | | | | | | | PXAENDX | 01 | PXAENDX | 00 | 1 | DCF | A3 | | 07B | TAENAB BUSS | |
| 60304 | XA345 | 18 | | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 60686 | XA345 | 19 | | | XA243 | 53 | | | 16B | 9 | | | XAENAR | 04 | | | | DCF | | | | | |
| 60305 | XA345 | 20 | | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 60690 | XA345 | 21 | | | | | | | | | | | SPF | 01 | | | | DCF | | | | | |
| 60306 | XA345 | 22 | | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 62799 | XA345 | 23 | | | XA344 | 56 | | | 16B | 9 | | | QXBSTD4 | 01 | QXBSTD400 | 400 | 1 | DCF | B7 | | 10A | PORT B STATUS DR | |
| 60307 | XA345 | 24 | | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 60689 | XA345 | 25 | | | XA447 | 32 | | | 16B | 9 | | | PXARQDX | 01 | | | | DCF | | | | | |
| 60308 | XA345 | 26 | | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 64841 | XA345 | 27 | | | XA447 | 29 | | | 16B | 9 | | | PXARQDX | 01 | PXARQDX | 00 | 1 | DCF | B1 | | 10B | REQUEST TO CPU-A | |
| 60142 | XA345 | 28 | | | | | | | | | | | +5V | 01 | | | | DCF | | | 21B | | |
| 64842 | XA345 | 29 | | | | | | | | | | | PXARQDX | 01 | PXARQDX | 00 | 1 | DCF | B2 | | 11B | | |
| 64920 | XA345 | 30 | | | | | | | | | | | QXBSTOX | 01 | QXBSTOX | 00 | 1 | DCF | B8 | | 11A | | |
| 61428 | XA345 | 31 | | | | | | | | | | | PXARQDX | 02 | PXARQDX | 01 | 1 | DCF | B2 | | 12B | | |
| 60650 | XA345 | 32 | | | | | | | | | | | GND | 01 | | | | DCF | | | | | |
| 62785 | XA345 | 33 | | | | | | | | | | | QXBRQDX | 02 | QXBRQDX | 01 | 1 | DCF | B4 | | 13B | | |
| 62793 | XA345 | 34 | | | XA305 | 49 | | | 16B | 9 | | | QXBSTOX | 02 | QXBSTOX | 01 | 1 | DCF | B8 | | 12A | | |
| 64919 | XA345 | 35 | | | | | | | | | | | QXBRQDX | 01 | QXBRQDX | 00 | 1 | DCF | B4 | | 14B | | |
| 61686 | XA345 | 36 | | | XA342 | 72 | | | 16B | 9 | | | PXGNIA | 03 | PXARQDX | 01 | 1 | DCF | B1 | | 13A | | |
| 64871 | XA345 | 36 | | | | | | | | | | | PXGNIA | 01 | QXBSTD4 | 401 | 1 | DCF | B7 | | 13A | | |
| 64872 | XA345 | 36 | | | | | | | | | | | PXGNIA | 01 | PXASTDX | 401 | 1 | DCF | B5 | | 13A | | |
| 64873 | XA345 | 36 | | | | | | | | | | | PXGNIA | 01 | QXBRQDX | 01 | 1 | DCF | B3 | | 13A | | |
| 64918 | XA345 | 37 | | | XA447 | 69 | | | 16B | 9 | | | QXBRQDX | 01 | QXBRQDX | 00 | 1 | DCF | B3 | | 15B | REQUEST TO CPU-B | |
| 61435 | XA345 | 38 | | | XA346 | 35 | | | 16B | 9 | | | PXASLOX | 01 | PXASTOX | 01 | 1 | DCF | B6 | | 14A | | |
| 60692 | XA345 | 39 | | | XA447 | 58 | | | 16B | 9 | | | QXBRQDX | 01 | PXASTOX | 01 | 1 | DCF | B6 | | 15A | | |
| 64843 | XA345 | 40 | | | | | | | | | | | PXASTOX | 01 | PXASTOX | 00 | 1 | DCF | B6 | | 15A | | |
| 61443 | XA345 | 41 | | | XA348 | 40 | | | 16B | 9 | | | PXASTDX | 02 | PXASTDX | 400 | 1 | DCF | B5 | | 16A | PORT A STATUS DR | |
| 60695 | XA345 | 42 | | | XA351 | 46 | | | 16B | 9 | | | PXASTBG | 01 | | | | DCF | | | 20B | | |
| 48157 | XA345 | 43 | | | XA446 | 01 | | | 16B | 9 | | | PXA3CDX | 03 | TA03AB | 03 | 1 | DCF | C7 | | 25A | | |
| 64856 | XA345 | 43 | | | | | | | | | | | PXA3CDX | 01 | PXA3CDX | 00 | 1 | DCF | C7 | | 25A | TA03AB BUSS | |
| 60698 | XA345 | 44 | | | | | | | | | | | GND | 01 | | | | DCF | | | | | |
| 65010 | XA345 | 44 | | | XA243 | 02 | | | 16B | 9 | | | XA03AR | 04 | | | | DCF | | | | | |
| 60696 | XA345 | 45 | | | XA243 | 05 | | | 16B | 9 | | | XA00AR | 04 | | | | DCF | | | 27A | | |
| 48154 | XA345 | 46 | | | XA446 | 07 | | | 16B | 9 | | | PXA0CDX | 03 | TA00AB | 03 | 1 | DCF | C1 | | 25B | | |
| CONNECTOR XA345 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA345
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 249

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SFC INST. MISC. | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|-------|-----------------|---------|---------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DR FTG | PREFIX | CONNECTOR | PIN | DR FTG | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | |
| 64844 | | XA345 | 46 | | | | | | | | | | J | PXA0CDX | 01 | PXA0CDX | 00 | 1 | DCF | C1 | | 25B | TA00AB BUSS | |
| 61449 | | XA345 | 47 | | | | | | | | | | | PXA0COX | 02 | PXA0COX | 00 | 1 | DCF | C2 | | 26B | | |
| 61471 | | XA345 | 48 | | | | | | | | | | | PXA3COX | 02 | PXA3COX | 00 | 1 | DCF | C8 | | 26A | | |
| 62014 | | XA345 | 49 | | | | | | | | | | | PXS031U | 03 | PXA0COX | 01 | 1 | DCF | C2 | | 27B | | |
| 62021 | | XA345 | 50 | | XA317 | 46 | | | 16B | 9 | | | | PXS034U | 01 | PXA3COX | 01 | 1 | DCF | C8 | | 28A | | |
| 62015 | | XA345 | 51 | | XA317 | 40 | | | 16B | 9 | | | | PXS032U | 01 | PXA1COX | 01 | 1 | DCF | C4 | | 28B | | |
| 61452 | | XA345 | 52 | | XA345 | 72 | | | 16B | 9 | | | | PXA0EA | 03 | PXA0CDX | 01 | 1 | DCF | C1 | | 29A | | |
| 64848 | | XA345 | 52 | | | | | | | | | M | PXA0EA | 01 | PXA1CDX | 01 | 1 | DCF | C3 | | | 29A | | |
| 64849 | | XA345 | 52 | | | | | | | | | M | PXA0EA | 01 | PXA2CDX | 01 | 1 | DCF | C5 | | | 29A | | |
| 64850 | | XA345 | 52 | | | | | | | | | M | PXA0EA | 01 | PXA3CDX | 01 | 1 | DCF | C7 | | | 29A | | |
| 60701 | | XA345 | 53 | | XA243 | 19 | | | 16B | 9 | | | | XA01AR | 04 | | | | DCF | | | | | |
| 62020 | | XA345 | 54 | | | | | | | | | | | PXS033U | 03 | PXA2COX | 01 | 1 | DCF | C6 | | 30A | | |
| 48155 | | XA345 | 55 | | XA446 | 17 | | | 16B | 9 | | P | PXA1CDX | 03 | TA01AB | 03 | 1 | DCF | C3 | | | 30B | | |
| 64854 | | XA345 | 55 | | | | | | | | | J | PXA1CDX | 01 | PXA1CDX | 00 | 1 | DCF | C3 | | | 30B | TA01AR BUSS | |
| 61459 | | XA345 | 56 | | | | | | | | | | | PXA1COX | 02 | PXA1COX | 00 | 1 | DCF | C4 | | 29B | | |
| 61465 | | XA345 | 57 | | | | | | | | | | | PXA2COX | 02 | PXA2COX | 00 | 1 | DCF | C6 | | 31A | | |
| 60702 | | XA345 | 58 | | | | | | | | | | | GND | 01 | | | | DCF | | | | | |
| 65008 | | XA345 | 58 | | XA243 | 16 | | | 16B | 9 | | | XA02AR | 04 | | | | DCF | | | | | | |
| 60705 | | XA345 | 59 | | XA243 | 21 | | | 16B | 9 | | | | XA07AR | 04 | | | | DCF | | | | | |
| 48156 | | XA345 | 60 | | XA446 | 14 | | | 16B | 9 | | P | PXA2CDX | 03 | TA02AB | 03 | 1 | DCF | C5 | | | 31B | | |
| 64855 | | XA345 | 60 | | | | | | | | | J | PXA2CDX | 01 | PXA2CDX | 00 | 1 | DCF | C5 | | | 31B | TA02AB BUSS | |
| 48161 | | XA345 | 61 | | XA446 | 23 | | | 16B | 9 | | P | PXA7CDX | 03 | TA07AB | 03 | 1 | DCF | D7 | | | 33A | | |
| 64860 | | XA345 | 61 | | | | | | | | | J | PXA7CDX | 01 | PXA7CDX | 00 | 1 | DCF | D7 | | | 33A | TA07AB BUSS | |
| 60309 | | XA345 | 62 | | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 60310 | | XA345 | 63 | | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 60311 | | XA345 | 64 | | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 48158 | | XA345 | 65 | | XA446 | 27 | | | 16B | 9 | | P | PXA4CDX | 03 | TA04AB | 03 | 1 | DCF | D1 | | | 32B | | |
| 64857 | | XA345 | 65 | | | | | | | | | J | PXA4CDX | 01 | PXA4CDX | 00 | 1 | DCF | D1 | | | 32B | TA04AB BUSS | |
| 60312 | | XA345 | 66 | | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 60706 | | XA345 | 67 | | | | | | 16B | 9 | | | | GND | 01 | | | | DCF | | | | | |
| 65012 | | XA345 | 67 | | XA243 | 25 | | | 16B | 9 | | | | XA04AR | 04 | | | | DCF | | | | | |
| 61495 | | XA345 | 68 | | | | | | | | | | | PXA7COX | 02 | PXA7COX | 00 | 1 | DCF | D8 | | 34A | | |
| 61477 | | XA345 | 69 | | | | | | | | | | | PXA4COX | 02 | PXA4COX | 00 | 1 | DCF | D2 | | 33B | | |
| 62033 | | XA345 | 70 | | XA317 | 62 | | | 16B | 9 | | | | PXS474U | 01 | PXA7COX | 01 | 1 | DCF | D8 | | 35A | | |
| 62026 | | XA345 | 71 | | | | | | | | | | | PXS471U | 03 | PXA4COX | 01 | 1 | DCF | D2 | | 34B | | |
| 61453 | | XA345 | 72 | | | | | | | | | | | PXA0EA | 04 | PXA4CDX | 01 | 1 | DCF | D1 | | 36A | | |
| 64851 | | XA345 | 72 | | | | | | | | | M | PXA0EA | 01 | PXA6CDX | 01 | 1 | DCF | D5 | | | 36A | | |
| 64852 | | XA345 | 72 | | | | | | | | | M | PXA0EA | 01 | PXA5CDX | 01 | 1 | DCF | D3 | | | 36A | | |
| 64853 | | XA345 | 72 | | | | | | | | | M | PXA0EA | 01 | PXA7CDX | 01 | 1 | DCF | D7 | | | 36A | | |
| 62027 | | XA345 | 73 | | XA317 | 56 | | | 16B | 9 | | | | PXS472U | 01 | PXA5COX | 01 | 1 | DCF | D4 | | 35B | | |
| 62032 | | XA345 | 74 | | | | | | | | | | | PXS473U | 03 | PXA6COX | 01 | 1 | DCF | D6 | | 37A | | |
| 61483 | | XA345 | 75 | | | | | | | | | | | PXA5COX | 02 | PXA5COX | 00 | 1 | DCF | D4 | | 36B | | |
| 61489 | | XA345 | 76 | | | | | | | | | | | PXA6COX | 02 | PXA6COX | 00 | 1 | DCF | D6 | | 38A | | |
| 60708 | | XA345 | 77 | | XA243 | 39 | | | 16B | 9 | | | | XA05AR | 04 | | | | DCF | | | | | |
| 48159 | | XA345 | 78 | | XA446 | 37 | | | 16B | 9 | | P | PXA5CDX | 03 | TA05AB | 03 | 1 | DCF | D3 | | | 37B | | |
| 64858 | | XA345 | 78 | | | | | | | | | J | PXA5CDX | 01 | PXA5CDX | 00 | 1 | DCF | D3 | | | 37B | TA05AB BUSS | |
| 60710 | | XA345 | 79 | | XA243 | 42 | | | 16B | 9 | | | | XA06AR | 04 | | | | DCF | | | 40B | | |
| 48160 | | XA345 | 80 | | XA446 | 41 | | | 16B | 9 | | P | PXA6CDX | 03 | TA06AB | 03 | 1 | DCF | D5 | | | 38B | | |
| 64859 | | XA345 | 80 | | | | | | | | | J | PXA6CDX | 01 | PXA6CDX | 00 | 1 | DCF | D5 | | | 38B | TA06AB BUSS | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA346
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 250

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SFC INST. MISC. | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO | |
|---------------|--------|-----------|--------------|-------|---------------|-----------|------|-------|-------------|------|-------|-------|-----------------|--------|----------|----------|----------|--------|------------------|-------|---------------------|--------------------|--------------------|-------------------|--|
| | PREFIX | CONNECTOR | PIN | SH PG | PREFIX | CONNECTOR | PIN | SH PG | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | | |
| 48165 | | XA346 | 01 | | | XA445 | 46 | | | | | | | P | QXBPCDX | 03 | TAOPBB | 03 | 1 | DCF | A7 | | 02A | | |
| 64917 | | XA346 | 01 | | | XA445 | 46 | | | | | | | J | QXBPCDX | 01 | QXBPCDX | 00 | 1 | DCF | A7 | | 02A | TAOPBB BUSS | |
| 50680 | | XA346 | 02 | | | | | | | | | | | | GND | 01 | | | | | DCF | | 01A | | |
| 65007 | | XA346 | 02 | | | XA242 | 44 | | | | | | | | XAOPBR | 04 | | | | | DCF | | 01A | | |
| 62781 | | XA346 | 03 | | | | | | | | | | | | QXBPCOX | 02 | QXBPCOX | 00 | 1 | DCF | A8 | | 03A | | |
| 62900 | | XA346 | 04 | | | | | | | | | | | | QXDSBPR | 02 | QXBPCOX | 01 | 1 | DCF | A8 | | 04A | | |
| 50683 | | XA346 | 05 | | | XA242 | 45 | | | | | | | | XACMBR | 02 | | | | | DCF | | | | |
| 62807 | | XA346 | 06 | | | | | | | | | | | | QXBOEA | 04 | QXB CMDX | 01 | 1 | DCF | A1 | | 05A | | |
| 64922 | | XA346 | 06 | | | | | | | | | | | M | QXBOEA | 01 | QXBENDX | 01 | 1 | DCF | A3 | | 05A | | |
| 64923 | | XA346 | 06 | | | | | | | | | | | M | QXBOEA | 01 | QXB INOX | 01 | 1 | DCF | A5 | | 05A | | |
| 64924 | | XA346 | 06 | | | | | | | | | | | M | QXBOEA | 01 | QXBPCDX | 01 | 1 | DCF | A7 | | 05A | | |
| 48162 | | XA346 | 07 | | | XA445 | 60 | | | | | | | P | QXB CMDX | 03 | TACMBB | 03 | 1 | DCF | A1 | | 02B | | |
| 64913 | | XA346 | 07 | | | | | | | | | | | J | QXB CMDX | 01 | QXB CMDX | 00 | 1 | DCF | A1 | | 02B | TACMBB BUSS | |
| 62847 | | XA346 | 08 | | | XA336 | 80 | | | | | | | | QXDBIO | 01 | QXB INOX | 01 | 1 | DCF | A6 | | 06A | | |
| 62757 | | XA346 | 09 | | | XA203 | 38 | | | | | | | M | QXB CMOX | 02 | QXB CMOX | 00 | 1 | DCF | A2 | | 03B | | |
| 64916 | | XA346 | 10 | | | | | | | | | | | | QXB INOX | 01 | QXB INOX | 00 | 1 | DCF | A6 | | 07A | | |
| 62982 | | XA346 | 11 | | | XA346 | 13 | | | | | | | | QXGN1A | 01 | QXB CMOX | 01 | 1 | DCF | A2 | | 04B | | |
| 60143 | | XA346 | 12 | | | | | | | | | | | | +5V | 01 | | | | | DCF | | 08A | | |
| 62983 | | XA346 | 13 | | | XA327 | 56 | | | | | | | | QXGN1A | 02 | QXB ENOX | 01 | 1 | DCF | A4 | | 05B | | |
| 48164 | | XA346 | 14 | | | XA445 | 55 | | | | | | | P | QXB INDX | 03 | TAINBB | 03 | 1 | DCF | A5 | | 08B | | |
| 64915 | | XA346 | 14 | | | | | | | | | | | J | QXB INDX | 01 | QXB INOX | 00 | 1 | DCF | A5 | | 08B | TAINBB BUSS | |
| 62761 | | XA346 | 15 | | | XA203 | 40 | | | | | | | | QXB ENOX | 02 | QXB ENOX | 00 | 1 | DCF | A4 | | 06B | | |
| 60684 | | XA346 | 16 | | | | | | | | | | | | GND | 01 | | | | | DCF | | | | |
| 65005 | | XA346 | 16 | | | XA242 | 58 | | | | | | | | XAINBR | 04 | | | | | DCF | | | | |
| 48163 | | XA346 | 17 | | | XA445 | 43 | | | | | | | P | QXB ENDX | 03 | TAENBB | 03 | 1 | DCF | A3 | | 07B | | |
| 64914 | | XA346 | 17 | | | | | | | | | | | J | QXB ENDX | 01 | QXB ENDX | 00 | 1 | DCF | A3 | | 07B | TAENBB BUSS | |
| 60313 | | XA346 | 18 | | | | | | | | | | | | DNW | 01 | | | | | DCF | | | | |
| 60687 | | XA346 | 19 | | | XA242 | 53 | | | | | | | | XAENBR | 04 | | | | | DCF | | | | |
| 60314 | | XA346 | 20 | | | | | | | | | | | | DNW | 01 | | | | | DCF | | | | |
| 60691 | | XA346 | 21 | | | | | | | | | | | | SPF | 01 | | | | | DCF | | | | |
| 60315 | | XA346 | 22 | | | | | | | | | | | | DNW | 01 | | | | | DCF | | | | |
| 64785 | | XA346 | 23 | | | | | | | | | | | | SPO | 01 | | | 00 | 1 | DCF | B7 | | 10A | |
| 60316 | | XA346 | 24 | | | | | | | | | | | | DNW | 01 | | | | | DCF | | | | |
| 60688 | | XA346 | 25 | | | XA351 | 48 | | | | | | | | PXPRSBG | 01 | | | | | DCF | | | | |
| 60317 | | XA346 | 26 | | | | | | | | | | | | DNW | 01 | | | | | DCF | | | | |
| 61747 | | XA346 | 27 | | | XA348 | 41 | | | | | | | | PXPRSDX | 02 | PXPRSDX | 00 | 1 | DCF | B1 | | 10B | PORT RESET DRI/RC | |
| 60144 | | XA346 | 28 | | | | | | | | | | | | +5V | 01 | | | | | DCF | | | 21B | |
| 61749 | | XA346 | 29 | | | | | | | | | | | | PXPRSOX | 02 | PXPRSOX | 00 | 1 | DCF | B2 | | 11B | | |
| 64786 | | XA346 | 30 | | | | | | | | | | | | SPO | 01 | | | 00 | 1 | DCF | B8 | | 11A | |
| 64154 | | XA346 | 31 | | | XA343 | 13 | | | | | | | | SPIO213 | 10 | PXPRSOX | 01 | 1 | DCF | B2 | | 12B | | |
| 60651 | | XA346 | 32 | | | | | | | | | | | | GND | 01 | | | | | DCF | | | | |
| 63909 | | XA346 | 33 | | | XA344 | 61 | | | | | | | | SPIO083 | 02 | PXASLOX | 01 | 1 | DCF | B4 | | 13B | | |
| 63960 | | XA346 | 34 | | | XA337 | 37 | | | | | | | | SPIO113 | 10 | | | | | DCF | B8 | | 12A | |
| 61436 | | XA346 | 35 | | | XA342 | 08 | | | | | | | | PXASLOX | 02 | PXASLOX | 00 | 1 | DCF | B4 | | 14B | | |
| 64192 | | XA346 | 36 | | | XA343 | 47 | | | | | | | | SPIO233 | 02 | PXPRSDX | 01 | 1 | DCF | B1 | | 13A | | |
| 64973 | | XA346 | 36 | | | | | | | | | | | M | SPIO233 | 01 | PXASLOX | 01 | 1 | DCF | B3 | | 13A | | |
| 64974 | | XA346 | 36 | | | | | | | | | | | M | SPIO233 | 01 | QXB SLOX | 01 | 1 | DCF | B5 | | 13A | | |
| 61434 | | XA346 | 37 | | | XA348 | 37 | | | | | | | | PXASLDX | 01 | PXASLDX | 00 | 1 | DCF | B3 | | 15B | | |
| 63950 | | XA346 | 38 | | | | | | | | | | | | SPIO103 | 11 | QXB SLOX | 01 | 1 | DCF | B6 | | 14A | | |
| 60693 | | XA346 | 39 | | | XA351 | 42 | | | | | | | | PXASLBG | 01 | | | | | DCF | | | | |
| CONNECTOR | | XA346 | CONTINUED ON | | THE NEXT PAGE | | **** | | | | | | | | | | | | | | | | | | |

H78-14 1265

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA346
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 251

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SFC INST INSC | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GRP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-----|--------|-----------|-----|-----|-------------|------|-------|-------|---------------|----------|--------|----------|------|------|------------------|-----|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DRY | PREFIX | CONNECTOR | PIN | DRY | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | |
| 62792 | | XA346 | 40 | | | | | | | 16B | 9 | | | QXBSLOX | 01 | QXBSLOX | 00 | 1 | DCF | B6 | | 15A | | |
| 62790 | | XA346 | 41 | | | XA345 | 34 | | | 16B | 9 | | | QXBSL DX | 01 | QXBSL DX | 00 | 1 | DCF | B5 | | 16A | | |
| 60694 | | XA346 | 42 | | | | | | | | | | | SPF | 01 | | | | DCF | | | 20B | | |
| 48170 | | XA346 | 43 | | | XA445 | 01 | | | 16B | 9 | | P | QXB3CDX | 03 | TA03BB | 03 | 1 | DCF | C7 | | 25A | | |
| 64933 | | XA346 | 43 | | | | | | | | | | J | QXB3CDX | 01 | QXB3CDX | 00 | 1 | DCF | C7 | | 25A | TA03BB BUSS | |
| 60699 | | XA346 | 44 | | | | | | | | | | | GND | 01 | | | | DCF | | | | | |
| 65011 | | XA346 | 44 | | | XA242 | 02 | | | 16B | 9 | | | XAO3BR | 04 | | | | DCF | | | | | |
| 60697 | | XA346 | 45 | | | XA242 | 05 | | | 16B | 9 | | | XAO0BR | 04 | | | | DCF | | | | 27A | |
| 48167 | | XA346 | 46 | | | XA445 | 07 | | | 16B | 9 | | P | QXBOCDX | 03 | TA00BB | 03 | 1 | DCF | C1 | | 25B | | |
| 64921 | | XA346 | 46 | | | | | | | | | | J | QXBOCDX | 01 | QXBOCDX | 00 | 1 | DCF | C1 | | 25B | TA00BB BUSS | |
| 62803 | | XA346 | 47 | | | | | | | | | | | QXBOCOX | 02 | QXBOCOX | 00 | 1 | DCF | C2 | | 26B | | |
| 62816 | | XA346 | 48 | | | | | | | | | | | QXB3COX | 02 | QXB3COX | 00 | 1 | DCF | C8 | | 26A | | |
| 63205 | | XA346 | 49 | | | XA318 | 31 | | | 16B | 9 | | | QXS031U | 01 | QXB0COX | 01 | 1 | DCF | C2 | | 27B | | |
| 63214 | | XA346 | 50 | | | XA316 | 46 | | | 16B | 9 | | | QXS034U | 01 | QXB3COX | 01 | 1 | DCF | C8 | | 28A | | |
| 63210 | | XA346 | 51 | | | | | | | | | | | QXS032U | 03 | QXB1COX | 01 | 1 | DCF | C4 | | 28B | | |
| 62806 | | XA346 | 52 | | | XA346 | 06 | | | 16B | 9 | | | QXB0EA | 03 | QXB0CDX | 01 | 1 | DCF | C1 | | 29A | | |
| 64925 | | XA346 | 52 | | | | | | | | | | M | QXB0EA | 01 | QXB2CDX | 01 | 1 | DCF | C5 | | 29A | | |
| 64926 | | XA346 | 52 | | | | | | | | | | M | QXB0EA | 01 | QXB1CDX | 01 | 1 | DCF | C3 | | 29A | | |
| 64927 | | XA346 | 52 | | | | | | | | | | M | QXB0EA | 01 | QXB3CDX | 01 | 1 | DCF | C7 | | 29A | | |
| 60700 | | XA346 | 53 | | | XA242 | 19 | | | 16B | 9 | | | XAO1BR | 04 | | | | DCF | | | | | |
| 63211 | | XA346 | 54 | | | XA318 | 35 | | | 16B | 9 | | | QXS033U | 01 | QXB2COX | 01 | 1 | DCF | C6 | | 30A | | |
| 48168 | | XA346 | 55 | | | XA445 | 17 | | | 16B | 9 | | P | QXB1CDX | 03 | TA01BB | 03 | 1 | DCF | C3 | | 30B | | |
| 64931 | | XA346 | 55 | | | | | | | | | | J | QXB1CDX | 01 | QXB1CDX | 00 | 1 | DCF | C3 | | 30B | TA01BB BUSS | |
| 62810 | | XA346 | 56 | | | | | | | | | | | QXB1COX | 02 | QXB1COX | 00 | 1 | DCF | C4 | | 29B | | |
| 62813 | | XA346 | 57 | | | | | | | | | | | QXB2COX | 02 | QXB2COX | 00 | 1 | DCF | C6 | | 31A | | |
| 60703 | | XA346 | 58 | | | | | | | | | | | GND | 01 | | | | DCF | | | | | |
| 65009 | | XA346 | 58 | | | XA242 | 16 | | | 16B | 9 | | | XAO2BR | 04 | | | | DCF | | | | | |
| 60704 | | XA346 | 59 | | | XA242 | 21 | | | 16B | 9 | | | XAO7BR | 04 | | | | DCF | | | | | |
| 48169 | | XA346 | 60 | | | XA445 | 14 | | | 16B | 9 | | P | QXB2CDX | 03 | TA02BB | 03 | 1 | DCF | C5 | | 31B | | |
| 64932 | | XA346 | 60 | | | | | | | | | | J | QXB2CDX | 01 | QXB2CDX | 00 | 1 | DCF | C5 | | 31B | TA02BB BUSS | |
| 48174 | | XA346 | 61 | | | XA445 | 23 | | | 16B | 9 | | P | QXB7CDX | 03 | TA07BB | 03 | 1 | DCF | D7 | | 33A | | |
| 64937 | | XA346 | 61 | | | | | | | | | | J | QXB7CDX | 01 | QXB7CDX | 00 | 1 | DCF | D7 | | 33A | TA07BB BUSS | |
| 60318 | | XA346 | 62 | | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 60319 | | XA346 | 63 | | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 60320 | | XA346 | 64 | | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 48171 | | XA346 | 65 | | | XA445 | 27 | | | 16B | 9 | | P | QXB4CDX | 03 | TA04BB | 03 | 1 | DCF | D1 | | 32B | | |
| 64934 | | XA346 | 65 | | | | | | | | | | J | QXB4CDX | 01 | QXB4CDX | 00 | 1 | DCF | D1 | | 32B | TA04BB BUSS | |
| 60321 | | XA346 | 66 | | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 60707 | | XA346 | 67 | | | | | | | | | | | GND | 01 | | | | DCF | | | | | |
| 65013 | | XA346 | 67 | | | XA242 | 25 | | | 16B | 9 | | | XAO4BR | 04 | | | | DCF | | | | | |
| 62828 | | XA346 | 68 | | | | | | | | | | | QXB7COX | 02 | QXB7COX | 00 | 1 | DCF | D8 | | 34A | | |
| 62819 | | XA346 | 69 | | | | | | | | | | | QXB4COX | 02 | QXB4COX | 00 | 1 | DCF | D2 | | 33B | | |
| 63226 | | XA346 | 70 | | | XA316 | 62 | | | 16B | 9 | | | QXS474U | 01 | QXB7COX | 01 | 1 | DCF | D8 | | 35A | | |
| 63219 | | XA346 | 71 | | | | | | | | | | | QXS471U | 03 | QXB4COX | 01 | 1 | DCF | D2 | | 34B | | |
| 62805 | | XA346 | 72 | | | XA346 | 52 | | | 16B | 9 | | | QXB0EA | 02 | QXB4CDX | 01 | 1 | DCF | D1 | | 36A | | |
| 64928 | | XA346 | 72 | | | | | | | | | | M | QXB0EA | 01 | QXB6CDX | 01 | 1 | DCF | D5 | | 36A | | |
| 64929 | | XA346 | 72 | | | | | | | | | | M | QXB0EA | 01 | QXB5CDX | 01 | 1 | DCF | D3 | | 36A | | |
| 64930 | | XA346 | 72 | | | | | | | | | | M | QXB0EA | 01 | QXB7CDX | 01 | 1 | DCF | D7 | | 36A | | |
| 63220 | | XA346 | 73 | | | XA316 | 56 | | | 16B | 9 | | | QXS472U | 01 | QXB5COX | 01 | 1 | DCF | D4 | | 35B | | |
| 63225 | | XA346 | 74 | | | | | | | | | | | QXS473U | 03 | QXB6COX | 01 | 1 | DCF | D6 | | 37A | | |
| CONNECTOR XA346 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA346
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 252

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SPEC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | FCO NO |
|---------------|--------|-----------|---------------------------------|-------|--------|-----------|-----|-------|-------------|------|-------|----------------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FC | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 62822 | | XA346 | 75 | | | | | | | | | | QXB5COX | 02 | QXB5COX | 00 | 1 | DCF | D4 | | 36B | | |
| 62825 | | XA346 | 76 | | | | | | | | | | QXB6COX | 02 | QXB6COX | 00 | 1 | DCF | D6 | | 38A | | |
| 60709 | | XA346 | 77 | | | XA 242 | 39 | | 16B | 9 | | | XA05BR | 04 | | | | DCF | | | | | |
| 48172 | | XA346 | 78 | | | XA 445 | 37 | | 16B | 9 | | P | QXB5CDX | 03 | TA05BB | 03 | 1 | DCF | D3 | | 37B | | |
| 64935 | | XA346 | 78 | | | | | | | | | J | QXB5CDX | 01 | QXB5CDX | 00 | 1 | DCF | D3 | | 37B | TA05BB BUSS | |
| 60711 | | XA346 | 79 | | | XA 242 | 42 | | 16B | 9 | | | XA06BR | 04 | | | | DCF | | | 40B | | |
| 48173 | | XA346 | 80 | | | XA 445 | 41 | | 16B | 9 | | P | QXB6CDX | 03 | TA06BB | 03 | 1 | DCF | D5 | | 38B | | |
| 64936 | | XA346 | 80 | | | | | | | | | J | QXB6CDX | 01 | QXB6CDX | 00 | 1 | DCF | D5 | | 38B | TA06BB BUSS | |
| 64411 | | XA347 | 01 | | | | | | | | | | DNW | 01 | | | | RR1 | | | | | |
| 60652 | | XA347 | 02 | | | | | | | | | | GND | 01 | | | | RR1 | | | | | |
| 64412 | | XA347 | 03 | | | XA 344 | 04 | | 16B | 9 | | | +05RES | 32U | | | | RR1 | AP | | | | |
| 64413 | | XA347 | 04 | | | XA 347 | 03 | | 16B | 9 | | | +05RES | 32R | | | | RR1 | AP | | | | |
| 64414 | | XA347 | 05 | | | XA 447 | 30 | | 16B | 9 | | | JXAR7D1 | 02 | | | | RR1 | A1 | | | | |
| 64415 | | XA347 | 06 | | | XA 447 | 72 | | 16B | 9 | | | JXBR7D1 | 02 | | | | RR1 | A2 | | | | |
| 64416 | | XA347 | 07 | | | | | | | | | | TXAR0D1 | 03 | | | | RR1 | A3 | | | | |
| 64417 | | XA347 | 08 | | | XA 444 | 46 | | 16B | 9 | | | TXAR1D1 | 00 | | | | RR1 | A4 | | | | |
| 64418 | | XA347 | 09 | | | | | | | | | | TXBR0D1 | 02 | | | | RR1 | A5 | | | | |
| 64419 | | XA347 | 10 | | | XA 444 | 51 | | 16B | 9 | | | TXBR1D1 | 00 | | | | RR1 | A6 | | | | |
| 64420 | | XA347 | 11 | | | | | | | | | | DNW | 01 | | | | RR1 | | | | | |
| 60145 | | XA347 | 12 | | | | | | | | | | +5V | 01 | | | | RR1 | | | | | |
| 64421 | | XA347 | 13 | | | XA 347 | 14 | | 16B | 9 | | | +05RES | 32K | | | | RR1 | BP | | | | |
| 64422 | | XA347 | 14 | | | XA 347 | 04 | | 16B | 9 | | | +05RES | 32N | | | | RR1 | BP | | | | |
| 64423 | | XA347 | 15 | | | | | | | | | | DNW | 01 | | | | RR1 | | | | KEYWAY | A03 |
| 60653 | | XA347 | 16 | | | | | | | | | | DNW | 01 | | | | RR1 | | | | KEYWAY | A03 |
| 64424 | | XA347 | 17 | | | | | | | | | | SPR | 01 | | | | RR1 | B1 | | | | |
| 64425 | | XA347 | 18 | | | XA 447 | 64 | | 16B | 9 | | | KXBR4D1 | 02 | | | | RR1 | B2 | | | | |
| 64426 | | XA347 | 19 | | | XA 447 | 25 | | 16B | 9 | | | KXAR4D1 | 02 | | | | RR1 | B3 | | | | |
| 64427 | | XA347 | 20 | | | | | | | | | | SPR | 01 | | | | RR1 | B4 | | | | |
| 64428 | | XA347 | 21 | | | XA 347 | 13 | | 16B | 9 | | | +05RES | 32H | | | | RR1 | CP | | | | |
| 64429 | | XA347 | 22 | | | XA 347 | 21 | | 16B | 9 | | | +05RES | 32E | | | | RR1 | CP | | | | |
| 64430 | | XA347 | 23 | | | XA 348 | 76 | | 16B | 9 | | | KK009A1 | 02 | | | | RR1 | C1 | | | | A03 |
| 64431 | | XA347 | 24 | | | XA 348 | 73 | | 16B | 9 | | | JK009A1 | 02 | | | | RR1 | B5 | | | | A03 |
| 64432 | | XA347 | 25 | | | | | | | | | | SPR | 01 | | | | RR1 | C2 | | | | |
| 64433 | | XA347 | 26 | | | | | | | | | | SPR | 01 | | | | RR1 | R6 | | | | |
| 64434 | | XA347 | 27 | | | | | | | | | | DNW | 01 | | | | RR1 | | | | KEYWAY | A03 |
| 60146 | | XA347 | 28 | | | | | | | | | | DNW | 01 | | | | RR1 | | | | KEYWAY | A03 |
| 64435 | | XA347 | 29 | | | | | | | | | | SPR | 01 | | | | RR1 | C3 | | | | |
| 64436 | | XA347 | 30 | | | | | | | | | | SPR | 01 | | | | RR1 | C4 | | | | |
| 64437 | | XA347 | 31 | | | | | | | | | | DNW | 01 | | | | RR1 | | | | | |
| 60654 | | XA347 | 32 | | | | | | | | | | GND | 01 | | | | RR1 | | | | | |
| 64438 | | XA347 | 33 | | | XA 347 | 34 | | 16B | 9 | | | +05RES | 32 | | | | RR1 | DP | | | | |
| 64439 | | XA347 | 34 | | | XA 347 | 22 | | 16B | 9 | | | +05RES | 32B | | | | RR1 | DP | | | | |
| 64440 | | XA347 | 35 | | | | | | | | | | SPR | 01 | | | | RR1 | D1 | | | | |
| 64441 | | XA347 | 36 | | | | | | | | | | SPR | 01 | | | | RR1 | C6 | | | | |
| 64442 | | XA347 | 37 | | | | | | | | | | SPR | 01 | | | | RR1 | D2 | | | | |
| 64443 | | XA347 | 38 | | | | | | | | | | SPR | 01 | | | | RR1 | C5 | | | | |
| 64444 | | XA347 | 39 | | | | | | | | | | SPR | 01 | | | | RR1 | D3 | | | | |
| 64445 | | XA347 | 40 | | | | | | | | | | SPR | 01 | | | | RR1 | D4 | | | | |
| CONNECTOR | | XA347 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA347
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 253

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|-------|----------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FCF | PREFIX | CONNECTOR | PIN | SH FCF | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 64446 | | XA347 | 41 | | | | | | | | | | SPR | 01 | | | RR1 | E1 | | | | | |
| 64447 | | XA347 | 42 | | | | | | | | | | SPR | 01 | | | RR1 | D5 | | | | | |
| 64448 | | XA347 | 43 | | | | | | | | | | DNW | 01 | | | RR1 | | | | | | |
| 60655 | | XA347 | 44 | | | | | | | | | | GND | 01 | | | RR1 | | | | | | |
| 64449 | | XA347 | 45 | | | | | | | | | | SPR | 01 | | | RR1 | E2 | | | | | |
| 64450 | | XA347 | 46 | | | | | | | | | | SPR | 01 | | | RR1 | D6 | | | | | |
| 64451 | | XA347 | 47 | | | | | | | | | | SPR | 01 | | | RR1 | E3 | | | | | |
| 64452 | | XA347 | 48 | | | | | | | | | | SPR | 01 | | | RR1 | E4 | | | | | |
| 64453 | | XA347 | 49 | | XA347 | 33 | | | 16B | 9 | | | +05RES | 31X | | | RR1 | EP | | | | | |
| 64454 | | XA347 | 50 | | XA347 | 49 | | | 16B | 9 | | | +05RES | 31U | | | RR1 | EP | | | | | |
| 64455 | | XA347 | 51 | | | | | | | | | | SPR | 01 | | | RR1 | F1 | | | | | |
| 64456 | | XA347 | 52 | | | | | | | | | | SPR | 01 | | | RR1 | E5 | | | | | |
| 64457 | | XA347 | 53 | | | | | | | | | | SPR | 01 | | | RR1 | F2 | | | | | |
| 64458 | | XA347 | 54 | | | | | | | | | | SPR | 01 | | | RR1 | E6 | | | | | |
| 64459 | | XA347 | 55 | | | | | | | | | | SPR | 01 | | | RR1 | F3 | | | | | |
| 64460 | | XA347 | 56 | | | | | | | | | | SPR | 01 | | | RR1 | F4 | | | | | |
| 64461 | | XA347 | 57 | | | | | | | | | | DNW | 01 | | | RR1 | | | | | | |
| 60656 | | XA347 | 58 | | | | | | | | | | GND | 01 | | | RR1 | | | | | | |
| 64462 | | XA347 | 59 | | XA347 | 60 | | | 16B | 9 | | | +05RES | 31N | | | RR1 | FP | | | | | |
| 64463 | | XA347 | 60 | | XA347 | 50 | | | 16B | 9 | | | +05RES | 31R | | | RR1 | FP | | | | | |
| 64464 | | XA347 | 61 | | | | | | | | | | SPR | 01 | | | RR1 | G1 | | | | | |
| 64465 | | XA347 | 62 | | | | | | | | | | SPR | 01 | | | RR1 | E5 | | | | | |
| 64466 | | XA347 | 63 | | | | | | | | | | SPR | 01 | | | RR1 | G2 | | | | | |
| 64467 | | XA347 | 64 | | | | | | | | | | SPR | 01 | | | RR1 | E6 | | | | | |
| 64468 | | XA347 | 65 | | | | | | | | | | SPR | 01 | | | RR1 | G3 | | | | | |
| 64469 | | XA347 | 66 | | | | | | | | | | SPR | 01 | | | RR1 | G4 | | | | | |
| 60657 | | XA347 | 67 | | | | | | | | | | GND | 01 | | | RR1 | | | | | | |
| 64470 | | XA347 | 68 | | | | | | | | | | DNW | 01 | | | RR1 | | | | | | |
| 64471 | | XA347 | 69 | | XA347 | 59 | | | 16B | 9 | | | +05RES | 31K | | | RR1 | GP | | | | | |
| 64472 | | XA347 | 70 | | XA347 | 69 | | | 16B | 9 | | | +05RES | 31H | | | RR1 | GP | | | | | |
| 64473 | | XA347 | 71 | | | | | | | | | | SPR | 01 | | | RR1 | H1 | | | | | |
| 64474 | | XA347 | 72 | | | | | | | | | | SPR | 01 | | | RR1 | G5 | | | | | |
| 64475 | | XA347 | 73 | | | | | | | | | | SPR | 01 | | | RR1 | H2 | | | | | |
| 64476 | | XA347 | 74 | | | | | | | | | | SPR | 01 | | | RR1 | G6 | | | | | |
| 64477 | | XA347 | 75 | | | | | | | | | | SPR | 01 | | | RR1 | H3 | | | | | |
| 64478 | | XA347 | 76 | | | | | | | | | | SPR | 01 | | | RR1 | H4 | | | | | |
| 64479 | | XA347 | 77 | | | | | | | | | | SPIO243 | 08 | | | RR1 | H5 | | | | A03 | |
| 64480 | | XA347 | 78 | | XA346 | 36 | | | 16B | 9 | | | SPIO233 | 00 | | | RR1 | H6 | | | | A03 | |
| 64481 | | XA347 | 79 | | XA347 | 80 | | | 16B | 9 | | | +05RES | 31B | | | RR1 | HP | | | | | |
| 64482 | | XA347 | 80 | | XA347 | 70 | | | 16B | 9 | | | +05RES | 31E | | | RR1 | HP | | | | | |
| 60322 | | XA348 | 01 | | | | | | | | | | TXASTDX4 | 03 | | | SHT | | | | | A04 | |
| 60658 | | XA348 | 02 | | | | | | | | | | GND | 01 | | | SHT | | | | | A04 | |
| 60016 | | XA348 | 03 | | XA351 | 07 | | | 16B | 9 | | | TXASTB | 01 | | | SHT | | | | | A04 | |
| 60015 | | XA348 | 04 | | | | | | | | | | TXBSTDX4 | 03 | | | SHT | | | | | A04 | |
| 63989 | | XA348 | 05 | | XA446 | 78 | | | 16B | 9 | | | TXPRSDX | 00 | | | SHT | | | | | A04 | |
| 60720 | | XA348 | 06 | | XA351 | 09 | | | 16B | 9 | | | TXBSTB | 01 | | | SHT | | | | | A04 | |
| 63990 | | XA348 | 07 | | XA351 | 13 | | | 16B | 9 | | | TXPRSB4 | 01 | | | SHT | | | | | A04 | |
| 64787 | | XA348 | 08 | | XA446 | 80 | | | 16B | 9 | | | TXASLDX | 00 | | | SHT | | | | | A04 | |
| CONNECTOR XA348 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA348
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 254

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|---------------------------------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|----------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FC | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 63995 | | XA348 | 09 | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64788 | | XA348 | 10 | | | XA351 | 03 | | | 16B | 9 | | TXASLB4 | 01 | | | | SHT | | | | | A04 |
| 60323 | | XA348 | 11 | | | | | | | | | | DNW | 01 | | | | SHT | | | | KEYWAY | A06 |
| 60147 | | XA348 | 12 | | | | | | | | | | DNW | 01 | | | | SHT | | | | KEYWAY | A06 |
| 60013 | | XA348 | 13 | | | XA446 | 61 | | | 16B | 9 | | TXBSLDX | 00 | | | | SHT | | | | | A04 |
| 60014 | | XA348 | 14 | | | | | | | | | | KXASTDX4 | 03 | | | | SHT | | | | | A04 |
| 60732 | | XA348 | 15 | | | XA351 | 05 | | | 16B | 9 | | TXBSLB4 | 01 | | | | SHT | | | | | A04 |
| 60733 | | XA348 | 16 | | | | | | | | | | GND | 01 | | | | SHT | | | | | A04 |
| 64144 | | XA348 | 17 | | | | | | | | | | KXBSTD4 | 03 | | | | SHT | | | | | A04 |
| 60721 | | XA348 | 18 | | | XA351 | 21 | | | 16B | 9 | | KXASTB | 01 | | | | SHT | | | | | A04 |
| 64155 | | XA348 | 19 | | | XA351 | 23 | | | 16B | 9 | | KXBSTB | 01 | | | | SHT | | | | | A04 |
| 63996 | | XA348 | 20 | | | XA142 | 80 | | | 16B | 9 | | KXPRSDX | 00 | | | | SHT | | | | | A04 |
| 60012 | | XA348 | 21 | | | | | | | | | | KXASLDX | 03 | | | | SHT | | | | | A04 |
| 60011 | | XA348 | 22 | | | XA351 | 25 | | | 16B | 9 | | KXPRSB4 | 01 | | | | SHT | | | | | A04 |
| 64699 | | XA348 | 23 | | | XA351 | 17 | | | 16B | 9 | | KXASLB4 | 01 | | | | SHT | | | | | A04 |
| 64074 | | XA348 | 24 | | | | | | | | | | KXBSTD4 | 03 | | | | SHT | | | | | A04 |
| 64700 | | XA348 | 25 | | | | | | | | | | JXASTDX4 | 03 | | | | SHT | | | | | A04 |
| 64073 | | XA348 | 26 | | | XA351 | 19 | | | 16B | 9 | | KXBSTD4 | 01 | | | | SHT | | | | | A04 |
| 60324 | | XA348 | 27 | | | XA351 | 35 | | | 16B | 9 | | JXASTB | 01 | | | | SHT | | | | | A04 |
| 60148 | | XA348 | 28 | | | | | | | | | | +5V | 01 | | | | SHT | | | | | A04 |
| 64701 | | XA348 | 29 | | | | | | | | | | JXBSTD4 | 03 | | | | SHT | | | | | A04 |
| 60722 | | XA348 | 30 | | | XA242 | 80 | | | 16B | 9 | | JXPRSDX | 00 | | | | SHT | | | | | A04 |
| 60325 | | XA348 | 31 | | | XA351 | 37 | | | 16B | 9 | | JXBSTB | 01 | | | | SHT | | | | | A04 |
| 60659 | | XA348 | 32 | | | | | | | | | | GND | 01 | | | | SHT | | | | | A04 |
| 60009 | | XA348 | 33 | | | | | | | | | | JXASLDX | 03 | | | | SHT | | | | | A04 |
| 60010 | | XA348 | 34 | | | XA351 | 39 | | | 16B | 9 | | JXPRSB4 | 01 | | | | SHT | | | | | A04 |
| 64702 | | XA348 | 35 | | | XA351 | 29 | | | 16B | 9 | | JXASLB4 | 01 | | | | SHT | | | | | A04 |
| 64190 | | XA348 | 36 | | | | | | | | | | JXBSTD4 | 03 | | | | SHT | | | | | A04 |
| 64703 | | XA348 | 37 | | | | | | | | | | PXASLDX | 02 | | | | SHT | | | | | A04 |
| 64191 | | XA348 | 38 | | | XA351 | 33 | | | 16B | 9 | | JXBSTD4 | 01 | | | | SHT | | | | | A04 |
| 64704 | | XA348 | 39 | | | XA348 | 48 | | | 16B | 9 | | PXASLB4 | 02 | | | | SHT | | | | | A04 |
| 60723 | | XA348 | 40 | | | | | | | | | | PXASTDX4 | 03 | | | | SHT | | | | | A04 |
| 64705 | | XA348 | 41 | | | | | | | | | | PXPRSDX | 03 | | | | SHT | | | | | A04 |
| 64706 | | XA348 | 42 | | | XA351 | 45 | | | 16B | 9 | | PXASTB | 01 | | | | SHT | | | | | A04 |
| 60326 | | XA348 | 43 | | | XA351 | 47 | | | 16B | 9 | | PXPRSB4 | 01 | | | | SHT | | | | | A04 |
| 60660 | | XA348 | 44 | | | | | | | | | | GND | 01 | | | | SHT | | | | | A04 |
| 64707 | | XA348 | 45 | | | | | | | | | | SPP | 01 | | | | SHT | | | | | A04 |
| 64708 | | XA348 | 46 | | | | | | | | | | QXBSLDX | 02 | | | | SHT | | | | | A06 |
| 64709 | | XA348 | 47 | | | | | | | | | | JEYINDX | 02 | | | | SHT | | | | | A04 |
| 64710 | | XA348 | 48 | | | XA351 | 41 | | | 16B | 9 | | PXASLB4 | 025 | | | | SHT | | | | | A06 |
| 60008 | | XA348 | 49 | | | XA351 | 71 | | | 16B | 9 | | JEYINB4 | 02 | | | | SHT | | | | | A04 |
| 60007 | | XA348 | 50 | | | | | | | | | | KEYINDX | 02 | | | | SHT | | | | | A04 |
| 64711 | | XA348 | 51 | | | XA243 | 61 | | | 16B | 9 | | JPOUTDX4 | 00 | | | | SHT | | | | | B07 |
| 64712 | | XA348 | 52 | | | XA351 | 65 | | | 16B | 9 | | KEYINB4 | 02 | | | | SHT | | | | | A06 |
| 64713 | | XA348 | 53 | | | XA351 | 73 | | | 16B | 9 | | JPOUTB | 01 | | | | SHT | | | | | B07 |
| 60724 | | XA348 | 54 | | | XA143 | 61 | | | 16B | 9 | | KPOUTDX4 | 00 | | | | SHT | | | | | B07 |
| 64714 | | XA348 | 55 | | | | | | | | | | SPP | 01 | | | | SHT | | | | | A04 |
| 64715 | | XA348 | 56 | | | XA351 | 67 | | | 16B | 9 | | KPOUTB | 01 | | | | SHT | | | | | B07 |
| 60734 | | XA348 | 57 | | | | | | | | | | SPP | 01 | | | | SHT | | | | | A04 |
| 60735 | | XA348 | 58 | | | | | | | | | | GND | 01 | | | | SHT | | | | | A04 |
| CONNECTOR | XA348 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA348
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 255

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|--------------------------------|---------|--------|-----------|-----|---------|------|-------------|------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|-------------|------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SP. NO. | PREFIX | CONNECTOR | PIN | SP. NO. | INFO | MULTI GROUP | CODE | COLOR | | | | | | | | | IDENT | SPC. INST. MISC. | | |
| 60005 | | XA348 | 59 | | | | | | | | | | SPP | 01 | | | | SHT | | | | | A04 | |
| 60006 | | XA348 | 60 | | | | | | | | | | SPP | 01 | | | | SHT | | | | | A04 | |
| 64716 | | XA348 | 61 | | XA544 | 36 | | | | 16B | 9 | | TWDBED4 | 00 | | | | SHT | | | | | B07 | |
| 64717 | | XA348 | 62 | | | | | | | | | | SPP | 01 | | | | SHT | | | | | A04 | |
| 64718 | | XA348 | 63 | | XA550 | 51 | | | | 16B | 9 | | TWDBEB | 01 | | | | SHT | | | | | B07 | |
| 60725 | | XA348 | 64 | | XA543 | 46 | | | | 16B | 9 | | TRUNC4 | 00 | | | | SHT | | | | | B07 | |
| 64719 | | XA348 | 65 | | | | | | | | | | SPP | 01 | | | | SHT | | | | | A04 | |
| 64720 | | XA348 | 66 | | XA550 | 19 | | | | 16B | 9 | | TRUNCB | 01 | | | | SHT | | | | | B07 | |
| 60661 | | XA348 | 67 | | | | | | | | | | DNW | 01 | | | | SHT | | | KEYWAY | | A06 | |
| 60327 | | XA348 | 68 | | | | | | | | | | DNW | 01 | | | | SHT | | | KEYWAY | | A06 | |
| 60004 | | XA348 | 69 | | XA543 | 45 | | | | 16B | 9 | | TREWCD4 | 00 | | | | SHT | | | | | B07 | |
| 60003 | | XA348 | 70 | | | | | | | | | | SPP | 01 | | | | SHT | | | | | A06 | |
| 64721 | | XA348 | 71 | | XA550 | 23 | | | | 16B | 9 | | TREWC | 01 | | | | SHT | | | | | B07 | |
| 64722 | | XA348 | 72 | | | | | | | | | | SPP | 01 | | | | SHT | | | | | A06 | |
| 64723 | | XA348 | 73 | | | | | | | | | | JK009A1 | 03 | | | | SHT | | | | | A04 | |
| 60726 | | XA348 | 74 | | | | | | | | | | SPP | 01 | | | | SHT | | | | | A06 | |
| 64724 | | XA348 | 75 | | XA351 | 79 | | | | 16B | 9 | | JNCRJA1 | 01 | | | | SHT | | | | | A04 | |
| 64725 | | XA348 | 76 | | | | | | | | | | KK009A1 | 03 | | | | SHT | | | | | A06 | |
| 60727 | | XA348 | 77 | | XA439 | 74 | | | | 16B | 9 | | TXADE04 | 00 | | | | SHT | | | | | A04 | |
| 64726 | | XA348 | 78 | | XA351 | 63 | | | | 16B | 9 | | KNCRKA1 | 01 | | | | SHT | | | | | A06 | |
| 60001 | | XA348 | 79 | | | | | | | | | | TXADEB | 02 | | | | SHT | | | | | A04 | |
| 60002 | | XA348 | 80 | | | | | | | | | | SPP | 01 | | | | SHT | | | | | A04 | |
| 64483 | | XA349 | 01 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 60662 | | XA349 | 02 | | | | | | | | | | SPP | 01 | | | | | | | | | A02 | |
| 64484 | | XA349 | 03 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64485 | | XA349 | 04 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64486 | | XA349 | 05 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64487 | | XA349 | 06 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64488 | | XA349 | 07 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64489 | | XA349 | 08 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64490 | | XA349 | 09 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64491 | | XA349 | 10 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64492 | | XA349 | 11 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 60149 | | XA349 | 12 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64493 | | XA349 | 13 | | | | | | | | | | SPP | 01 | | | | | | | | | A02 | |
| 64494 | | XA349 | 14 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64495 | | XA349 | 15 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 60663 | | XA349 | 16 | | | | | | | | | | SPP | 01 | | | | | | | | | A02 | |
| 64496 | | XA349 | 17 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64497 | | XA349 | 18 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64498 | | XA349 | 19 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64499 | | XA349 | 20 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64500 | | XA349 | 21 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64501 | | XA349 | 22 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64502 | | XA349 | 23 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64503 | | XA349 | 24 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64504 | | XA349 | 25 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 64505 | | XA349 | 26 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| CONNECTOR | | XA349 | CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA349
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC5 FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 256

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SPP INST / MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | FCO NO |
|---------------|--------|---------------------------------|-----|--------|-----------|-----|------|-------------|------|-------|-----------------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | BRFC | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 64506 | | XA349 | 27 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 60150 | | XA349 | 28 | | | | | | | | | SPP | 01 | | | | | | | | | A02 |
| 64507 | | XA349 | 29 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64508 | | XA349 | 30 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64509 | | XA349 | 31 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 60664 | | XA349 | 32 | | | | | | | | | SPP | 01 | | | | | | | | | A02 |
| 64510 | | XA349 | 33 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64511 | | XA349 | 34 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64512 | | XA349 | 35 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64513 | | XA349 | 36 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64514 | | XA349 | 37 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64515 | | XA349 | 38 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64516 | | XA349 | 39 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64517 | | XA349 | 40 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64518 | | XA349 | 41 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64519 | | XA349 | 42 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64520 | | XA349 | 43 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 60665 | | XA349 | 44 | | | | | | | | | SPP | 01 | | | | | | | | | A02 |
| 64521 | | XA349 | 45 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64522 | | XA349 | 46 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64523 | | XA349 | 47 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64524 | | XA349 | 48 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64525 | | XA349 | 49 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64526 | | XA349 | 50 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64527 | | XA349 | 51 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64528 | | XA349 | 52 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64529 | | XA349 | 53 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64530 | | XA349 | 54 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64531 | | XA349 | 55 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64532 | | XA349 | 56 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64533 | | XA349 | 57 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 60666 | | XA349 | 58 | | | | | | | | | SPP | 01 | | | | | | | | | A02 |
| 64534 | | XA349 | 59 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64535 | | XA349 | 60 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64536 | | XA349 | 61 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64537 | | XA349 | 62 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64538 | | XA349 | 63 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64539 | | XA349 | 64 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64540 | | XA349 | 65 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64541 | | XA349 | 66 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 60667 | | XA349 | 67 | | | | | | | | | SPP | 01 | | | | | | | | | A02 |
| 64542 | | XA349 | 68 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64543 | | XA349 | 69 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64544 | | XA349 | 70 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64545 | | XA349 | 71 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64546 | | XA349 | 72 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64547 | | XA349 | 73 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64548 | | XA349 | 74 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64549 | | XA349 | 75 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 64550 | | XA349 | 76 | | | | | | | | | SPP | 01 | | | | | | | | | |
| CONNECTOR | XA349 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA349
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 257

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|--|--------|-----------|-----|--------|-----------|-----|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 64551 | | XA349 | 77 | | | | | | | | SPP | 01 | | | | | | | | | |
| 64552 | | XA349 | 78 | | | | | | | | SPP | 01 | | | | | | | | | |
| 64553 | | XA349 | 79 | | | | | | | | SPP | 01 | | | | | | | | | |
| 64554 | | XA349 | 80 | | | | | | | | SPP | 01 | | | | | | | | | |
| 64555 | | XA350 | 01 | | | | | | | | SPP | 01 | | | | | | | | | |
| 60668 | | XA350 | 02 | | | | | | | | GND | 01 | | | | | | | | | |
| 64556 | | XA350 | 03 | | | | | | | | SPP | 01 | | | | | | | | | |
| 64557 | | XA350 | 04 | | | | | | | | GND | 01 | | | | | | | | | A02 |
| 64558 | | XA350 | 05 | | | | | | | | SPP | 01 | | | | | | | | | |
| 64559 | | XA350 | 06 | | | | | | | | GND | 01 | | | | | | | | | A02 |
| 64560 | | XA350 | 07 | | | | | | | | SPP | 01 | | | | | | | | | |
| 64561 | | XA350 | 08 | | | | | | | | GND | 01 | | | | | | | | | A02 |
| 64562 | | XA350 | 09 | | | | | | | | SPP | 01 | | | | | | | | | |
| 64563 | | XA350 | 10 | | | | | | | | SPP | 01 | | | | | | | | | |
| 64564 | | XA350 | 11 | | | | | | | | SPP | 01 | | | | | | | | | |
| 60151 | | XA350 | 12 | | | | | | | | GND | 01 | | | | | | | | | A02 |
| 64565 | | XA350 | 13 | | | | | | | | SPP | 01 | | | | | | | | | |
| 64566 | | XA350 | 14 | | | | | | | | GND | 01 | | | | | | | | | A02 |
| 64567 | | XA350 | 15 | | | | | | | | SPP | 01 | | | | | | | | | |
| 60669 | | XA350 | 16 | | | | | | | | GND | 01 | | | | | | | | | |
| 64568 | | XA350 | 17 | | | | | | | | SPP | 01 | | | | | | | | | |
| 64569 | | XA350 | 18 | | | | | | | | GND | 01 | | | | | | | | | A02 |
| 64570 | | XA350 | 19 | | | | | | | | SPP | 01 | | | | | | | | | |
| 64571 | | XA350 | 20 | | | | | | | | GND | 01 | | | | | | | | | A02 |
| 64572 | | XA350 | 21 | | | | | | | | SPP | 01 | | | | | | | | | |
| 64573 | | XA350 | 22 | | | | | | | | GND | 01 | | | | | | | | | A02 |
| 64574 | | XA350 | 23 | | | | | | | | SPP | 01 | | | | | | | | | |
| 64575 | | XA350 | 24 | | | | | | | | GND | 01 | | | | | | | | | A02 |
| 64576 | | XA350 | 25 | | | | | | | | SPP | 01 | | | | | | | | | |
| 64577 | | XA350 | 26 | | | | | | | | GND | 01 | | | | | | | | | A02 |
| 64578 | | XA350 | 27 | | | | | | | | SPP | 01 | | | | | | | | | |
| 60152 | | XA350 | 28 | | | | | | | | GND | 01 | | | | | | | | | A02 |
| 64579 | | XA350 | 29 | | | | | | | | SPP | 01 | | | | | | | | | |
| 64580 | | XA350 | 30 | | | | | | | | GND | 01 | | | | | | | | | A02 |
| 64581 | | XA350 | 31 | | | | | | | | SPP | 01 | | | | | | | | | |
| 60670 | | XA350 | 32 | | | | | | | | GND | 01 | | | | | | | | | |
| 64582 | | XA350 | 33 | | | | | | | | SPP | 01 | | | | | | | | | |
| 64583 | | XA350 | 34 | | | | | | | | GND | 01 | | | | | | | | | A02 |
| 64584 | | XA350 | 35 | | | | | | | | SPP | 01 | | | | | | | | | |
| 64585 | | XA350 | 36 | | | | | | | | GND | 01 | | | | | | | | | A02 |
| 64586 | | XA350 | 37 | | | | | | | | SPP | 01 | | | | | | | | | |
| 64587 | | XA350 | 38 | | | | | | | | GND | 01 | | | | | | | | | A02 |
| 64588 | | XA350 | 39 | | | | | | | | SPP | 01 | | | | | | | | | |
| 64589 | | XA350 | 40 | | | | | | | | GND | 01 | | | | | | | | | A02 |
| 64590 | | XA350 | 41 | | | | | | | | SPP | 01 | | | | | | | | | |
| 64591 | | XA350 | 42 | | | | | | | | GND | 01 | | | | | | | | | A02 |
| 64592 | | XA350 | 43 | | | | | | | | SPP | 01 | | | | | | | | | |
| 60671 | | XA350 | 44 | | | | | | | | GND | 01 | | | | | | | | | |
| CONNECTOR (XA350) CONTINUED ON THE NEXT PAGE ***** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA350
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 258

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SPP INST. PRIO | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---------------|-----------|-----------|---------------------------------|-----|--------|-----------|-----|-----|-------------|------|-------|-------|----------------|--------|--------|----------|------|--------|------------------|-------|---------------------|-------------|----|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PLC | PREFIX | CONNECTOR | PIN | PLC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | AND | OR | | |
| 64593 | | XA350 | 45 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 64594 | | XA350 | 46 | | | | | | | | | | GND | 01 | | | | | | | | | | A02 | |
| 64595 | | XA350 | 47 | | | | | | | | | | SPP | 01 | | | | | | | | | | A02 | |
| 64596 | | XA350 | 48 | | | | | | | | | | GND | 01 | | | | | | | | | | A02 | |
| 64597 | | XA350 | 49 | | | | | | | | | | SPP | 01 | | | | | | | | | | A02 | |
| 64598 | | XA350 | 50 | | | | | | | | | | GND | 01 | | | | | | | | | | A02 | |
| 64599 | | XA350 | 51 | | | | | | | | | | SPP | 01 | | | | | | | | | | A02 | |
| 64600 | | XA350 | 52 | | | | | | | | | | GND | 01 | | | | | | | | | | A02 | |
| 64601 | | XA350 | 53 | | | | | | | | | | SPP | 01 | | | | | | | | | | A02 | |
| 64602 | | XA350 | 54 | | | | | | | | | | GND | 01 | | | | | | | | | | A02 | |
| 64603 | | XA350 | 55 | | | | | | | | | | SPP | 01 | | | | | | | | | | A02 | |
| 64604 | | XA350 | 56 | | | | | | | | | | GND | 01 | | | | | | | | | | A02 | |
| 64605 | | XA350 | 57 | | | | | | | | | | SPP | 01 | | | | | | | | | | A02 | |
| 60672 | | XA350 | 58 | | | | | | | | | | GND | 01 | | | | | | | | | | A02 | |
| 64606 | | XA350 | 59 | | | | | | | | | | SPP | 01 | | | | | | | | | | A02 | |
| 64607 | | XA350 | 60 | | | | | | | | | | GND | 01 | | | | | | | | | | A02 | |
| 64608 | | XA350 | 61 | | | | | | | | | | SPP | 01 | | | | | | | | | | A02 | |
| 64609 | | XA350 | 62 | | | | | | | | | | GND | 01 | | | | | | | | | | A02 | |
| 64610 | | XA350 | 63 | | | | | | | | | | SPP | 01 | | | | | | | | | | A02 | |
| 64611 | | XA350 | 64 | | | | | | | | | | GND | 01 | | | | | | | | | | A02 | |
| 64612 | | XA350 | 65 | | | | | | | | | | SPP | 01 | | | | | | | | | | A02 | |
| 64613 | | XA350 | 66 | | | | | | | | | | GND | 01 | | | | | | | | | | A02 | |
| 60673 | | XA350 | 67 | | | | | | | | | | SPP | 01 | | | | | | | | | | A02 | |
| 64614 | | XA350 | 68 | | | | | | | | | | GND | 01 | | | | | | | | | | A02 | |
| 64615 | | XA350 | 69 | | | | | | | | | | SPP | 01 | | | | | | | | | | A02 | |
| 64616 | | XA350 | 70 | | | | | | | | | | GND | 01 | | | | | | | | | | A02 | |
| 64617 | | XA350 | 71 | | | | | | | | | | SPP | 01 | | | | | | | | | | A02 | |
| 64618 | | XA350 | 72 | | | | | | | | | | GND | 01 | | | | | | | | | | A02 | |
| 64619 | | XA350 | 73 | | | | | | | | | | SPP | 01 | | | | | | | | | | A02 | |
| 64620 | | XA350 | 74 | | | | | | | | | | SPP | 01 | | | | | | | | | | A02 | |
| 64621 | | XA350 | 75 | | | | | | | | | | SPP | 01 | | | | | | | | | | A02 | |
| 64622 | | XA350 | 76 | | | | | | | | | | SPP | 01 | | | | | | | | | | A02 | |
| 64623 | | XA350 | 77 | | | | | | | | | | SPP | 01 | | | | | | | | | | A02 | |
| 64624 | | XA350 | 78 | | | | | | | | | | GND | 01 | | | | | | | | | | A02 | |
| 64625 | | XA350 | 79 | | | | | | | | | | SPP | 01 | | | | | | | | | | A02 | |
| 64626 | | XA350 | 80 | | | | | | | | | | GND | 01 | | | | | | | | | | A02 | |
| 64627 | | XA351 | 01 | | | | | | | | | | SPP | 01 | | | | | EXT | | | | | A04 | |
| 60674 | | XA351 | 02 | | | | | | | | | | GND | 01 | | | | | EXT | | | | | A04 | |
| 64628 | | XA351 | 03 | | | | | | | | | | TXASLB4 | 02 | | | | | EXT | | | | | A04 | |
| 64629 | | XA351 | 04 | | | | | | | | | | TXASLBG | 02 | | | | | EXT | | | | | A04 | |
| 64979 | | XA351 | 04 | | | | | | | | | | GND | 01 | | | | | EXT | | | | | A04 | |
| 64630 | | XA351 | 05 | | | | | | | | | | TXBSLB4 | 02 | | | | | EXT | | | | | A04 | |
| 64631 | | XA351 | 06 | | | | | | | | | | TXBSLBG | 02 | | | | | EXT | | | | | A04 | |
| 64980 | | XA351 | 06 | | | | | | | | | | GND | 01 | | | | | EXT | | | | | A04 | |
| 64632 | | XA351 | 07 | | | | | | | | | | GND | 01 | | | | | EXT | | | | | A04 | |
| 64633 | | XA351 | 08 | | | | | | | | | | TXASTB | 02 | | | | | EXT | | | | | A04 | |
| 64981 | | XA351 | 08 | | | | | | | | | | TXASTBG | 02 | | | | | EXT | | | | | A04 | |
| 64634 | | XA351 | 09 | | | | | | | | | | GND | 01 | | | | | EXT | | | | | A04 | |
| | | | | | | | | | | | | | TXBSTB | 02 | | | | | EXT | | | | | A04 | |
| | CONNECTOR | XA351 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA351
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 259

| RECORD OR NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FTG | PREFIX | CONNECTOR | PIN | SH FTG | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 64635 | | XA351 | 10 | | | | | | | | | | TXBSTBG | 02 | | | | | | | | | |
| 64636 | | XA351 | 11 | | XA351 | 12 | | | | 16B | 9 | | SPP | 01 | | | | | | | | | A04 |
| 60153 | | XA351 | 12 | | | | | | | | | | TXBSTBG | 03 | | | | | | | | | A04 |
| 64982 | | XA351 | 12 | | | | | | | | | | GND | 01 | | | | | | | | | A04 |
| 64637 | | XA351 | 13 | | | | | | | | | | TXPRSB4 | 02 | | | | | | | | | A04 |
| 64638 | | XA351 | 14 | | | | | | | | | | TXPRSBG | 02 | | | | | | | | | A04 |
| 64983 | | XA351 | 14 | | | | | | | | | | GND | 01 | | | | | | | | | A04 |
| 64639 | | XA351 | 15 | | | | | | | | | | SPP | 01 | | | | | | | | | A04 |
| 60675 | | XA351 | 16 | | | | | | | | | | GND | 01 | | | | | | | | | A04 |
| 64640 | | XA351 | 17 | | | | | | | | | | KXASLB4 | 02 | | | | | | | | | A04 |
| 64641 | | XA351 | 18 | | | | | | | | | | KXASLBG | 02 | | | | | | | | | A04 |
| 64984 | | XA351 | 18 | | | | | | | | | | GND | 01 | | | | | | | | | A04 |
| 64642 | | XA351 | 19 | | | | | | | | | | KXBLSB4 | 02 | | | | | | | | | A04 |
| 64643 | | XA351 | 20 | | | | | | | | | | KXBLSBG | 02 | | | | | | | | | A04 |
| 64985 | | XA351 | 20 | | | | | | | | | | GND | 01 | | | | | | | | | A04 |
| 64644 | | XA351 | 21 | | | | | | | | | | KXASTB | 02 | | | | | | | | | A04 |
| 64645 | | XA351 | 22 | | | | | | | | | | KXASTBG | 02 | | | | | | | | | A04 |
| 64986 | | XA351 | 22 | | | | | | | | | | GND | 01 | | | | | | | | | A04 |
| 64646 | | XA351 | 23 | | | | | | | | | | KXBSTB | 02 | | | | | | | | | A04 |
| 64647 | | XA351 | 24 | | | | | | | | | | KXBSTBG | 02 | | | | | | | | | A04 |
| 64987 | | XA351 | 24 | | | | | | | | | | GND | 01 | | | | | | | | | A04 |
| 64648 | | XA351 | 25 | | | | | | | | | | KXPRSB4 | 02 | | | | | | | | | A04 |
| 64649 | | XA351 | 26 | | | | | | | | | | KXPRSBG | 02 | | | | | | | | | A04 |
| 64988 | | XA351 | 26 | | | | | | | | | | GND | 01 | | | | | | | | | A04 |
| 64650 | | XA351 | 27 | | | | | | | | | | SPP | 01 | | | | | | | | | A04 |
| 60154 | | XA351 | 28 | | | | | | | | | | GND | 01 | | | | | | | | | A04 |
| 64651 | | XA351 | 29 | | | | | | | | | | JXASLB4 | 02 | | | | | | | | | A04 |
| 64652 | | XA351 | 30 | | | | | | | | | | JXASLBG | 02 | | | | | | | | | A04 |
| 64989 | | XA351 | 30 | | | | | | | | | | GND | 01 | | | | | | | | | A04 |
| 64653 | | XA351 | 31 | | | | | | | | | | SPP | 01 | | | | | | | | | A04 |
| 60676 | | XA351 | 32 | | | | | | | | | | GND | 01 | | | | | | | | | A04 |
| 64654 | | XA351 | 33 | | | | | | | | | | JXBLSB4 | 02 | | | | | | | | | A04 |
| 64655 | | XA351 | 34 | | | | | | | | | | JXBLSBG | 02 | | | | | | | | | A04 |
| 64990 | | XA351 | 34 | | | | | | | | | | GND | 01 | | | | | | | | | A04 |
| 64656 | | XA351 | 35 | | | | | | | | | | JXASTB | 02 | | | | | | | | | A04 |
| 64657 | | XA351 | 36 | | | | | | | | | | JXASTBG | 02 | | | | | | | | | A04 |
| 64991 | | XA351 | 36 | | | | | | | | | | GND | 01 | | | | | | | | | A04 |
| 64658 | | XA351 | 37 | | | | | | | | | | JXBSTB | 02 | | | | | | | | | A04 |
| 64659 | | XA351 | 38 | | | | | | | | | | JXBSTBG | 02 | | | | | | | | | A04 |
| 64992 | | XA351 | 38 | | | | | | | | | | GND | 01 | | | | | | | | | A04 |
| 64660 | | XA351 | 39 | | | | | | | | | | JXPRSB4 | 02 | | | | | | | | | A04 |
| 64661 | | XA351 | 40 | | | | | | | | | | JXPRSBG | 02 | | | | | | | | | A04 |
| 64993 | | XA351 | 40 | | | | | | | | | | GND | 01 | | | | | | | | | A04 |
| 64662 | | XA351 | 41 | | | | | | | | | | PXASLB4 | 03 | | | | | | | | | A04 |
| 64663 | | XA351 | 42 | | | | | | | | | | PXASLBG | 02 | | | | | | | | | A04 |
| 64994 | | XA351 | 42 | | | | | | | | | | GND | 01 | | | | | | | | | A04 |
| 64664 | | XA351 | 43 | | | | | | | | | | SPP | 01 | | | | | | | | | A04 |
| 60677 | | XA351 | 44 | | | | | | | | | | GND | 01 | | | | | | | | | A04 |
| 64665 | | XA351 | 45 | | | | | | | | | | PXASTB | 02 | | | | | | | | | A04 |
| 64666 | | XA351 | 46 | | | | | | | | | | PXASTBG | 02 | | | | | | | | | A04 |
| CONNECTOR (XA351) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA351
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 260

| RECORD NUMBER | FROM | | | SFC | TO | | | SFC | WIRE | | | | SFC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | FCO NO |
|---|--------|-----------|-----|-----|--------|-----------|-----|-----|-------------|------|-------|-------|---------------|----------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | |
| 64995 | | XA351 | 46 | | | | | | | | | | GND | 01 | | | | | | | | | A04 | |
| 64667 | | XA351 | 47 | | | | | | | | | | PXPRSB4 | 02 | | | | | | | | | A04 | |
| 64668 | | XA351 | 48 | | | | | | | | | | PXPRSBG | 02 | | | | | | | | | A04 | |
| 64996 | | XA351 | 48 | | | | | | | | | | GND | 01 | | | | | | | | | A04 | |
| 64669 | | XA351 | 49 | | | | | | | | | | SPP | 01 | | | | | | | | | A04 | |
| 64670 | | XA351 | 50 | | | | | | | | | | GND | 01 | | | | | | | | | A04 | |
| 64671 | | XA351 | 51 | | | | | | | | | | SPP | 01 | | | | | | | | | A04 | |
| 64997 | | XA351 | 52 | | | | | | | | | | GND | 01 | | | | | | | | | A04 | |
| 64673 | | XA351 | 53 | | | | | | | | | | SPP | 01 | | | | | | | | | A04 | |
| 64674 | | XA351 | 54 | | | | | | | | | | GND | 01 | | | | | | | | | A04 | |
| 64675 | | XA351 | 55 | | | | | | | | | | SPP | 01 | | | | | | | | | A04 | |
| 64676 | | XA351 | 56 | | | | | | | | | | GND | 01 | | | | | | | | | A04 | |
| 64677 | | XA351 | 57 | | | | | | | | | | SPP | 01 | | | | | | | | | A04 | |
| 60678 | | XA351 | 58 | | | | | | | | | | GND | 01 | | | | | | | | | A04 | |
| 64678 | | XA351 | 59 | | | | | | | | | | SPP | 01 | | | | | | | | | A04 | |
| 64679 | | XA351 | 60 | | | | | | | | | | GND | 01 | | | | | | | | | A04 | |
| 64680 | | XA351 | 61 | | | | | | | | | | SPP | 01 | | | | | | | | | A04 | |
| 64681 | | XA351 | 62 | | | | | | | | | | GND | 01 | | | | | | | | | A04 | |
| 65050 | | XA351 | 62 | | | XA135 | 67 | | | | 16B | 9 | KNCRKA1R | 01 | | | | | | | | | B06 | |
| 64682 | | XA351 | 63 | | | | | | | | | | KNCRKA1 | 02 | | | | | | | | | B06 | |
| 64683 | | XA351 | 64 | | | | | | | | | | GND | 01 | | | | | | | | | A04 | |
| 64684 | | XA351 | 65 | | | | | | | | | | KEYINB4 | 03 | | | | | | | | | A04 | |
| 64685 | | XA351 | 66 | | | | | | | | | | KEYINDXG | 02 | | | | | | | | | A04 | |
| 64998 | | XA351 | 66 | | | | | | | | | | GND | 01 | | | | | | | | | A04 | |
| 60679 | | XA351 | 67 | | | | | | | | | | KPOUTB | 02 | | | | | | | | | B07 | |
| 64686 | | XA351 | 68 | | | | | | | | | | KPOUTDXG | 02 | | | | | | | | | A04 | |
| 64999 | | XA351 | 68 | | | | | | | | | | GND | 01 | | | | | | | | | A04 | |
| 64687 | | XA351 | 69 | | | | | | | | | | SPP | 01 | | | | | | | | | B03 | |
| 64688 | | XA351 | 70 | | | | | | | | | | GND | 01 | | | | | | | | | A04 | |
| 64689 | | XA351 | 71 | | | | | | | | | | JEYINB4 | 03 | | | | | | | | | A04 | |
| 64690 | | XA351 | 72 | | | | | | | | | | JEYINDXG | 02 | | | | | | | | | A04 | |
| 65000 | | XA351 | 72 | | | | | | | | | | GND | 01 | | | | | | | | | A04 | |
| 64691 | | XA351 | 73 | | | | | | | | | | JPOUTB | 02 | | | | | | | | | B07 | |
| 64692 | | XA351 | 74 | | | | | | | | | | JPOUTDXG | 02 | | | | | | | | | A04 | |
| 64693 | | XA351 | 75 | | | | | | | | | | SPP | 01 | | | | | | | | | A04 | |
| 64694 | | XA351 | 76 | | | | | | | | | | SPP | 03 | | | | | | | | | A04 | |
| 64695 | | XA351 | 77 | | | | | | | | | | SPP | 01 | | | | | | | | | A04 | |
| 65001 | | XA351 | 78 | | | | | | | | | | GND | 01 | | | | | | | | | A04 | |
| 64697 | | XA351 | 79 | | | | | | | | | | JNCRJA1 | 02 | | | | | | | | | B06 | |
| 65020 | | XA351 | 80 | | | | | | | | | | GND | 01 | | | | | | | | | A04 | |
| 65049 | | XA351 | 80 | | | XA235 | 67 | | | | | 16B | 9 | JNCRJA1R | 01 | | | | | | | | B06 | |
| 02140 | | XA401 | 01 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 00566 | | XA401 | 02 | | | | | | | | | | GND | 01 | | | | | | | | | | |
| 02141 | | XA401 | 03 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02142 | | XA401 | 04 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02143 | | XA401 | 05 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02144 | | XA401 | 06 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02145 | | XA401 | 07 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| CONNECTOR XA401 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA401
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 261

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------|-------------|------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | DI TO | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 02146 | | XA401 | 08 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02147 | | XA401 | 09 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02148 | | XA401 | 10 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02149 | | XA401 | 11 | | | | | | | | | SPP | 01 | | | | | | | | |
| 00053 | | XA401 | 12 | | | | | | | | | +5V | 01 | | | | | | | | |
| 02150 | | XA401 | 13 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02151 | | XA401 | 14 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02152 | | XA401 | 15 | | | | | | | | | SPP | 01 | | | | | | | | |
| 00567 | | XA401 | 16 | | | | | | | | | GND | 01 | | | | | | | | |
| 02153 | | XA401 | 17 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02154 | | XA401 | 18 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02155 | | XA401 | 19 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02156 | | XA401 | 20 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02157 | | XA401 | 21 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02158 | | XA401 | 22 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02159 | | XA401 | 23 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02160 | | XA401 | 24 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02161 | | XA401 | 25 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02162 | | XA401 | 26 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02163 | | XA401 | 27 | | | | | | | | | SPP | 01 | | | | | | | | |
| 00054 | | XA401 | 28 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02164 | | XA401 | 29 | | | | | | | | | +5V | 01 | | | | | | | | |
| 02165 | | XA401 | 30 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02166 | | XA401 | 31 | | | | | | | | | SPP | 01 | | | | | | | | |
| 00568 | | XA401 | 32 | | | | | | | | | GND | 01 | | | | | | | | |
| 02167 | | XA401 | 33 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02168 | | XA401 | 34 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02169 | | XA401 | 35 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02170 | | XA401 | 36 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02171 | | XA401 | 37 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02172 | | XA401 | 38 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02173 | | XA401 | 39 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02174 | | XA401 | 40 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02175 | | XA401 | 41 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02176 | | XA401 | 42 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02177 | | XA401 | 43 | | | | | | | | | SPP | 01 | | | | | | | | |
| 00569 | | XA401 | 44 | | | | | | | | | GND | 01 | | | | | | | | |
| 02178 | | XA401 | 45 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02179 | | XA401 | 46 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02180 | | XA401 | 47 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02181 | | XA401 | 48 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02182 | | XA401 | 49 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02183 | | XA401 | 50 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02184 | | XA401 | 51 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02185 | | XA401 | 52 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02186 | | XA401 | 53 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02187 | | XA401 | 54 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02188 | | XA401 | 55 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02189 | | XA401 | 56 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02190 | | XA401 | 57 | | | | | | | | | SPP | 01 | | | | | | | | |
| CONNECTOR (XA401) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA401
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC5 FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 262

| RECORD NUMBER | FROM | | | SPT | TO | | | WIRE | | | | SPT. INST. MISC. | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO | |
|---------------|--------|---------------------------------|-----|-----|--------|-----------|-----|------|-------------|------|-------|------------------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|-------|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | SPT | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | | IDENT |
| 00570 | | XA401 | 58 | | | | | | | | | | GND | 01 | | | | | | | | | | |
| 02191 | | XA401 | 59 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02192 | | XA401 | 60 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02193 | | XA401 | 61 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02194 | | XA401 | 62 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02195 | | XA401 | 63 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02196 | | XA401 | 64 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02197 | | XA401 | 65 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02198 | | XA401 | 66 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 00571 | | XA401 | 67 | | | | | | | | | | GND | 01 | | | | | | | | | | |
| 02199 | | XA401 | 68 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02200 | | XA401 | 69 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02201 | | XA401 | 70 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02202 | | XA401 | 71 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02203 | | XA401 | 72 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02204 | | XA401 | 73 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02205 | | XA401 | 74 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02206 | | XA401 | 75 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02207 | | XA401 | 76 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02208 | | XA401 | 77 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02209 | | XA401 | 78 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02210 | | XA401 | 79 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02211 | | XA401 | 80 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02212 | | XA402 | 01 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 00572 | | XA402 | 02 | | | | | | | | | | GND | 01 | | | | | | | | | | |
| 02213 | | XA402 | 03 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02214 | | XA402 | 04 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02215 | | XA402 | 05 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02216 | | XA402 | 06 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02217 | | XA402 | 07 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02218 | | XA402 | 08 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02219 | | XA402 | 09 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02220 | | XA402 | 10 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02221 | | XA402 | 11 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 00055 | | XA402 | 12 | | | | | | | | | | +5V | 01 | | | | | | | | | | |
| 02222 | | XA402 | 13 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02223 | | XA402 | 14 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02224 | | XA402 | 15 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 00573 | | XA402 | 16 | | | | | | | | | | GND | 01 | | | | | | | | | | |
| 02225 | | XA402 | 17 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02226 | | XA402 | 18 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02227 | | XA402 | 19 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02228 | | XA402 | 20 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02229 | | XA402 | 21 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02230 | | XA402 | 22 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02231 | | XA402 | 23 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02232 | | XA402 | 24 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02233 | | XA402 | 25 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| CONNECTOR | XA402 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA402
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC5 FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 263

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SPP INST WISE | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CMT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO | |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|--|
| | PREFIX | CONNECTOR | PIN | SH TO | PREFIX | CONNECTOR | PIN | SH TO | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | | |
| 02234 | | XA402 | 26 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02235 | | XA402 | 27 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 00056 | | XA402 | 28 | | | | | | | | | | +5V | 01 | | | | | | | | | | | |
| 02236 | | XA402 | 29 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02237 | | XA402 | 30 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02238 | | XA402 | 31 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 00574 | | XA402 | 32 | | | | | | | | | | GND | 01 | | | | | | | | | | | |
| 02239 | | XA402 | 33 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02240 | | XA402 | 34 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02241 | | XA402 | 35 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02242 | | XA402 | 36 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02243 | | XA402 | 37 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02244 | | XA402 | 38 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02245 | | XA402 | 39 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02246 | | XA402 | 40 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02247 | | XA402 | 41 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02248 | | XA402 | 42 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02249 | | XA402 | 43 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 00575 | | XA402 | 44 | | | | | | | | | | GND | 01 | | | | | | | | | | | |
| 02250 | | XA402 | 45 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02251 | | XA402 | 46 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02252 | | XA402 | 47 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02253 | | XA402 | 48 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02254 | | XA402 | 49 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02255 | | XA402 | 50 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02256 | | XA402 | 51 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02257 | | XA402 | 52 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02258 | | XA402 | 53 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02259 | | XA402 | 54 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02260 | | XA402 | 55 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02261 | | XA402 | 56 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02262 | | XA402 | 57 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 00576 | | XA402 | 58 | | | | | | | | | | GND | 01 | | | | | | | | | | | |
| 02263 | | XA402 | 59 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02264 | | XA402 | 60 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02265 | | XA402 | 61 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02266 | | XA402 | 62 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02267 | | XA402 | 63 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02268 | | XA402 | 64 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02269 | | XA402 | 65 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02270 | | XA402 | 66 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 00577 | | XA402 | 67 | | | | | | | | | | GND | 01 | | | | | | | | | | | |
| 02271 | | XA402 | 68 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02272 | | XA402 | 69 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02273 | | XA402 | 70 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02274 | | XA402 | 71 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02275 | | XA402 | 72 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02276 | | XA402 | 73 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02277 | | XA402 | 74 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 02278 | | XA402 | 75 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| CONNECTOR XA402 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA402
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 264

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SPP | MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | FCO NO | |
|---------------|-----------|-----------|---------------------------------|-------|--------|-----------|-----|-------|-------------|------|-------|------|-----|------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|--|
| | PREFIX | CONNECTOR | PIN | SH FT | PREFIX | CONNECTOR | PIN | SH FT | MULTI GROUP | CODE | COLOR | IDEN | | | | | | | | | | | | | | |
| 02279 | | XA402 | 76 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02280 | | XA402 | 77 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02281 | | XA402 | 78 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02282 | | XA402 | 79 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02283 | | XA402 | 80 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02284 | | XA403 | 01 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 00578 | | XA403 | 02 | | | | | | | | | | GND | 01 | | | | | | | | | | | | |
| 02285 | | XA403 | 03 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02286 | | XA403 | 04 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02287 | | XA403 | 05 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02288 | | XA403 | 06 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02289 | | XA403 | 07 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02290 | | XA403 | 08 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02291 | | XA403 | 09 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02292 | | XA403 | 10 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02293 | | XA403 | 11 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 00057 | | XA403 | 12 | | | | | | | | | | +5V | 01 | | | | | | | | | | | | |
| 02294 | | XA403 | 13 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02295 | | XA403 | 14 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02296 | | XA403 | 15 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 00579 | | XA403 | 16 | | | | | | | | | | GND | 01 | | | | | | | | | | | | |
| 02297 | | XA403 | 17 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02298 | | XA403 | 18 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02299 | | XA403 | 19 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02300 | | XA403 | 20 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02301 | | XA403 | 21 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02302 | | XA403 | 22 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02303 | | XA403 | 23 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02304 | | XA403 | 24 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02305 | | XA403 | 25 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02306 | | XA403 | 26 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02307 | | XA403 | 27 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 00058 | | XA403 | 28 | | | | | | | | | | +5V | 01 | | | | | | | | | | | | |
| 02308 | | XA403 | 29 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02309 | | XA403 | 30 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02310 | | XA403 | 31 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 00580 | | XA403 | 32 | | | | | | | | | | GND | 01 | | | | | | | | | | | | |
| 02311 | | XA403 | 33 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02312 | | XA403 | 34 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02313 | | XA403 | 35 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02314 | | XA403 | 36 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02315 | | XA403 | 37 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02316 | | XA403 | 38 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02317 | | XA403 | 39 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02318 | | XA403 | 40 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02319 | | XA403 | 41 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02320 | | XA403 | 42 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 02321 | | XA403 | 43 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| | CONNECTOR | XA403 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1279

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA403
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 265

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO | |
|--|--------|-----------|-----|-----|--------|-----------|-----|-----|------|-------------|------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|-------|
| | PREFIX | CONNECTOR | PIN | POS | PREFIX | CONNECTOR | PIN | POS | DEFG | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | IDENT |
| 00581 | | XA403 | 44 | | | | | | | | | | | GND | 01 | | | | | | | | | |
| 02322 | | XA403 | 45 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02323 | | XA403 | 46 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02324 | | XA403 | 47 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02325 | | XA403 | 48 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02326 | | XA403 | 49 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02327 | | XA403 | 50 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02328 | | XA403 | 51 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02329 | | XA403 | 52 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02330 | | XA403 | 53 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02331 | | XA403 | 54 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02332 | | XA403 | 55 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02333 | | XA403 | 56 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02334 | | XA403 | 57 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 00582 | | XA403 | 58 | | | | | | | | | | | GND | 01 | | | | | | | | | |
| 02335 | | XA403 | 59 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02336 | | XA403 | 60 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02337 | | XA403 | 61 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02338 | | XA403 | 62 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02339 | | XA403 | 63 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02340 | | XA403 | 64 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02341 | | XA403 | 65 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02342 | | XA403 | 66 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 00583 | | XA403 | 67 | | | | | | | | | | | GND | 01 | | | | | | | | | |
| 02343 | | XA403 | 68 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02344 | | XA403 | 69 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02345 | | XA403 | 70 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02346 | | XA403 | 71 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02347 | | XA403 | 72 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02348 | | XA403 | 73 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02349 | | XA403 | 74 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02350 | | XA403 | 75 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02351 | | XA403 | 76 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02352 | | XA403 | 77 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02353 | | XA403 | 78 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02354 | | XA403 | 79 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02355 | | XA403 | 80 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02356 | | XA404 | 01 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 00584 | | XA404 | 02 | | | | | | | | | | | GND | 01 | | | | | | | | | |
| 02357 | | XA404 | 03 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02358 | | XA404 | 04 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02359 | | XA404 | 05 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02360 | | XA404 | 06 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02361 | | XA404 | 07 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02362 | | XA404 | 08 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02363 | | XA404 | 09 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02364 | | XA404 | 10 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02365 | | XA404 | 11 | | | | | | | | | | | SPP | 01 | | | | | | | | | |
| CONNECTOR (XA404) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1280

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA406
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 266

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO | |
|--|--------|-----------|-----|------|--------|-----------|-----|------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|-----------|
| | PREFIX | CONNECTOR | PIN | ENCL | PREFIX | CONNECTOR | PIN | ENCL | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | SPEC INST |
| 00059 | | XA404 | 12 | | | | | | | | | | +5V | 01 | | | | | | | | | | |
| 02366 | | XA404 | 13 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02367 | | XA404 | 14 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02368 | | XA404 | 15 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 00585 | | XA404 | 16 | | | | | | | | | | GND | 01 | | | | | | | | | | |
| 02369 | | XA404 | 17 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02370 | | XA404 | 18 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02371 | | XA404 | 19 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02372 | | XA404 | 20 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02373 | | XA404 | 21 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02374 | | XA404 | 22 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02375 | | XA404 | 23 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02376 | | XA404 | 24 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02377 | | XA404 | 25 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02378 | | XA404 | 26 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02379 | | XA404 | 27 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 00060 | | XA404 | 28 | | | | | | | | | | +5V | 01 | | | | | | | | | | |
| 02380 | | XA404 | 29 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02381 | | XA404 | 30 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02382 | | XA404 | 31 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 00586 | | XA404 | 32 | | | | | | | | | | GND | 01 | | | | | | | | | | |
| 02383 | | XA404 | 33 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02384 | | XA404 | 34 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02385 | | XA404 | 35 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02386 | | XA404 | 36 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02387 | | XA404 | 37 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02388 | | XA404 | 38 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02389 | | XA404 | 39 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02390 | | XA404 | 40 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02391 | | XA404 | 41 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02392 | | XA404 | 42 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02393 | | XA404 | 43 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 00587 | | XA404 | 44 | | | | | | | | | | GND | 01 | | | | | | | | | | |
| 02394 | | XA404 | 45 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02395 | | XA404 | 46 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02396 | | XA404 | 47 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02397 | | XA404 | 48 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02398 | | XA404 | 49 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02399 | | XA404 | 50 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02400 | | XA404 | 51 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02401 | | XA404 | 52 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02402 | | XA404 | 53 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02403 | | XA404 | 54 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02404 | | XA404 | 55 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02405 | | XA404 | 56 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02406 | | XA404 | 57 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 00588 | | XA404 | 58 | | | | | | | | | | GND | 01 | | | | | | | | | | |
| 02407 | | XA404 | 59 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02408 | | XA404 | 60 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 02409 | | XA404 | 61 | | | | | | | | | | SPP | 01 | | | | | | | | | | |
| CONNECTOR XA404 CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA404
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 267

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM FACTOR | CKT OR CKIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------------|------|-------|-------|--------|--------|----------|-------------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | |
| 02410 | | XA404 | 62 | | | | | | | | SPP | 01 | | | | | | | | |
| 02411 | | XA404 | 63 | | | | | | | | SPP | 01 | | | | | | | | |
| 02412 | | XA404 | 64 | | | | | | | | SPP | 01 | | | | | | | | |
| 02413 | | XA404 | 65 | | | | | | | | SPP | 01 | | | | | | | | |
| 02414 | | XA404 | 66 | | | | | | | | SPP | 01 | | | | | | | | |
| 00589 | | XA404 | 67 | | | | | | | | GND | 01 | | | | | | | | |
| 02415 | | XA404 | 68 | | | | | | | | SPP | 01 | | | | | | | | |
| 02416 | | XA404 | 69 | | | | | | | | SPP | 01 | | | | | | | | |
| 02417 | | XA404 | 70 | | | | | | | | SPP | 01 | | | | | | | | |
| 02418 | | XA404 | 71 | | | | | | | | SPP | 01 | | | | | | | | |
| 02419 | | XA404 | 72 | | | | | | | | SPP | 01 | | | | | | | | |
| 02420 | | XA404 | 73 | | | | | | | | SPP | 01 | | | | | | | | |
| 02421 | | XA404 | 74 | | | | | | | | SPP | 01 | | | | | | | | |
| 02422 | | XA404 | 75 | | | | | | | | SPP | 01 | | | | | | | | |
| 02423 | | XA404 | 76 | | | | | | | | SPP | 01 | | | | | | | | |
| 02424 | | XA404 | 77 | | | | | | | | SPP | 01 | | | | | | | | |
| 02425 | | XA404 | 78 | | | | | | | | SPP | 01 | | | | | | | | |
| 02426 | | XA404 | 79 | | | | | | | | SPP | 01 | | | | | | | | |
| 02427 | | XA404 | 80 | | | | | | | | SPP | 01 | | | | | | | | |
| 02428 | | XA405 | 01 | | | | | | | | SPP | 01 | | | | | | | | |
| 00590 | | XA405 | 02 | | | | | | | | GND | 01 | | | | | | | | |
| 02429 | | XA405 | 03 | | | | | | | | SPP | 01 | | | | | | | | |
| 02430 | | XA405 | 04 | | | | | | | | SPP | 01 | | | | | | | | |
| 02431 | | XA405 | 05 | | | | | | | | SPP | 01 | | | | | | | | |
| 02432 | | XA405 | 06 | | | | | | | | SPP | 01 | | | | | | | | |
| 02433 | | XA405 | 07 | | | | | | | | SPP | 01 | | | | | | | | |
| 02434 | | XA405 | 08 | | | | | | | | SPP | 01 | | | | | | | | |
| 02435 | | XA405 | 09 | | | | | | | | SPP | 01 | | | | | | | | |
| 02436 | | XA405 | 10 | | | | | | | | SPP | 01 | | | | | | | | |
| 02437 | | XA405 | 11 | | | | | | | | SPP | 01 | | | | | | | | |
| 00061 | | XA405 | 12 | | | | | | | | +5V | 01 | | | | | | | | |
| 02438 | | XA405 | 13 | | | | | | | | SPP | 01 | | | | | | | | |
| 02439 | | XA405 | 14 | | | | | | | | SPP | 01 | | | | | | | | |
| 02440 | | XA405 | 15 | | | | | | | | SPP | 01 | | | | | | | | |
| 00591 | | XA405 | 16 | | | | | | | | GND | 01 | | | | | | | | |
| 02441 | | XA405 | 17 | | | | | | | | SPP | 01 | | | | | | | | |
| 02442 | | XA405 | 18 | | | | | | | | SPP | 01 | | | | | | | | |
| 02443 | | XA405 | 19 | | | | | | | | SPP | 01 | | | | | | | | |
| 02444 | | XA405 | 20 | | | | | | | | SPP | 01 | | | | | | | | |
| 02445 | | XA405 | 21 | | | | | | | | SPP | 01 | | | | | | | | |
| 02446 | | XA405 | 22 | | | | | | | | SPP | 01 | | | | | | | | |
| 02447 | | XA405 | 23 | | | | | | | | SPP | 01 | | | | | | | | |
| 02448 | | XA405 | 24 | | | | | | | | SPP | 01 | | | | | | | | |
| 02449 | | XA405 | 25 | | | | | | | | SPP | 01 | | | | | | | | |
| 02450 | | XA405 | 26 | | | | | | | | SPP | 01 | | | | | | | | |
| 02451 | | XA405 | 27 | | | | | | | | SPP | 01 | | | | | | | | |
| 00062 | | XA405 | 28 | | | | | | | | +5V | 01 | | | | | | | | |
| 02452 | | XA405 | 29 | | | | | | | | SPP | 01 | | | | | | | | |
| CONNECTOR (XA405) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

H78-14 1282

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA405
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC5 FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 268

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SPP | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | PCO NO |
|---|--------|-----------|-----|--------|-----------|-----|--------|-------------|------|-------|-----|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SH FCG | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 02453 | | XA405 | 30 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02454 | | XA405 | 31 | | | | | | | | | SPP | 01 | | | | | | | | |
| 00592 | | XA405 | 32 | | | | | | | | | GND | 01 | | | | | | | | |
| 02455 | | XA405 | 33 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02456 | | XA405 | 34 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02457 | | XA405 | 35 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02458 | | XA405 | 36 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02459 | | XA405 | 37 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02460 | | XA405 | 38 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02461 | | XA405 | 39 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02462 | | XA405 | 40 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02463 | | XA405 | 41 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02464 | | XA405 | 42 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02465 | | XA405 | 43 | | | | | | | | | SPP | 01 | | | | | | | | |
| 00593 | | XA405 | 44 | | | | | | | | | GND | 01 | | | | | | | | |
| 02466 | | XA405 | 45 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02467 | | XA405 | 46 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02468 | | XA405 | 47 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02469 | | XA405 | 48 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02470 | | XA405 | 49 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02471 | | XA405 | 50 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02472 | | XA405 | 51 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02473 | | XA405 | 52 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02474 | | XA405 | 53 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02475 | | XA405 | 54 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02476 | | XA405 | 55 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02477 | | XA405 | 56 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02478 | | XA405 | 57 | | | | | | | | | SPP | 01 | | | | | | | | |
| 00594 | | XA405 | 58 | | | | | | | | | GND | 01 | | | | | | | | |
| 02479 | | XA405 | 59 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02480 | | XA405 | 60 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02481 | | XA405 | 61 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02482 | | XA405 | 62 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02483 | | XA405 | 63 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02484 | | XA405 | 64 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02485 | | XA405 | 65 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02486 | | XA405 | 66 | | | | | | | | | SPP | 01 | | | | | | | | |
| 00595 | | XA405 | 67 | | | | | | | | | GND | 01 | | | | | | | | |
| 02487 | | XA405 | 68 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02488 | | XA405 | 69 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02489 | | XA405 | 70 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02490 | | XA405 | 71 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02491 | | XA405 | 72 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02492 | | XA405 | 73 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02493 | | XA405 | 74 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02494 | | XA405 | 75 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02495 | | XA405 | 76 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02496 | | XA405 | 77 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02497 | | XA405 | 78 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02498 | | XA405 | 79 | | | | | | | | | SPP | 01 | | | | | | | | |
| CONNECTOR (XA405) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA405
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 269

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------------|------|-------|-------|--|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | |
| 02499 | | XA405 | 80 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 06153 | | XA406 | 01 | | XA407 | 04 | | | 16B | 9 | | TTS2BR | 01 | TTS2BR | 00 | 1 | TQ2 | A2 | | 02B | | |
| 00596 | | XA406 | 02 | | | | | | | | | GND | 01 | | | | TQ2 | | | 01A | | |
| 05419 | | XA406 | 03 | | | | | | | | | TRWSOR | 03 | TRWS3A | 01 | 1 | TQ2 | A3 | | 02A | | |
| 06166 | | XA406 | 04 | | | | | | | | | TTS2BS | 11 | TTS2BR | 01 | 1 | TQ2 | A2 | | 04A | | |
| 06169 | | XA406 | 05 | | XA408 | 38 | | | 16B | 9 | | TTS21A | 01 | TTS2BR | 01 | 2 | TQ2 | A2 | | 03B | | |
| 06129 | | XA406 | 06 | | XA407 | 08 | | | 16B | 9 | | TTS1BR | 01 | TTS1BR | 00 | 1 | TQ2 | A1 | | 05A | | |
| 05790 | | XA406 | 07 | | | | | | | | | TSCK3B | 73 | TRWS3A | 01 | 2 | TQ2 | A3 | | 03A | | |
| 06138 | | XA406 | 08 | | | | | | | | | TTS1BS | 07 | TTS1BR | 01 | 1 | TQ2 | A1 | | 06A | | |
| 05434 | | XA406 | 09 | | XA409 | 03 | | | 16B | 9 | | TRWS3A | 01 | TRWS3A | 00 | 1 | TQ2 | A3 | | 04B | | |
| 06141 | | XA406 | 10 | | XA408 | 21 | | | 16B | 9 | | TTS11A | 01 | TTS1BR | 01 | 2 | TQ2 | A1 | | 07A | | |
| 05429 | | XA406 | 11 | | XA407 | 15 | | | 16B | 9 | | TRWS1S | 01 | TRWS1A | 01 | 1 | TQ2 | A4 | | 05B | | |
| 00063 | | XA406 | 12 | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 05714 | | XA406 | 13 | | XA406 | 73 | | | 16B | 9 | | TSCK1B | 61 | TRWS1A | 01 | 2 | TQ2 | A4 | | 06B | | |
| 06209 | | XA406 | 14 | | XA407 | 18 | | | 16B | 9 | | TTS4BR | 01 | TTS4BR | 00 | 1 | TQ2 | B2 | | 09A | | |
| 05426 | | XA406 | 15 | | | | | | | | | TRWS1A | 02 | TRWS1A | 00 | 1 | TQ2 | A4 | | 07B | | |
| 00597 | | XA406 | 16 | | | | | | | | | GND | 01 | | | | TQ2 | | | 01B | | |
| 03691 | | XA406 | 17 | | XA502 | 24 | | | 16B | 9 | | TCILK0 | 02 | TS1590 | 01 | 1 | TQ2 | B3 | | 08B | | |
| 06222 | | XA406 | 18 | | | | | | | | | TTS4BS | 11 | TTS4BR | 01 | 1 | TQ2 | B2 | | 10A | | |
| 01219 | | XA406 | 19 | | XA411 | 13 | | | 16B | 9 | | SPI001 | 12 | TS1590 | 01 | 2 | TQ2 | B3 | | 09B | | |
| 06225 | | XA406 | 20 | | XA408 | 45 | | | 16B | 9 | | TTS41A | 01 | TTS4BR | 01 | 2 | TQ2 | B2 | | 11A | | |
| 06019 | | XA406 | 21 | | XA424 | 34 | | | 16B | 9 | | TS1590 | 01 | TS1590 | 00 | 1 | TQ2 | B3 | | 10B | | |
| 06181 | | XA406 | 22 | | XA407 | 24 | | | 16B | 9 | | TTS3BR | 01 | TTS3BR | 00 | 1 | TQ2 | B1 | | 12A | | |
| 05424 | | XA406 | 23 | | | | | | | | | TRWS0S | 05 | TRWS0A | 01 | 1 | TQ2 | B4 | | 11B | | |
| 06194 | | XA406 | 24 | | | | | | | | | TTS3BS | 11 | TTS3BR | 01 | 1 | TQ2 | B1 | | 13A | | |
| 05789 | | XA406 | 25 | | XA406 | 07 | | | 16B | 9 | | TSCK3B | 72 | TRWS0A | 01 | 2 | TQ2 | B4 | | 12B | | |
| 06197 | | XA406 | 26 | | XA408 | 33 | | | 16B | 9 | | TTS31A | 01 | TTS3BR | 01 | 2 | TQ2 | B1 | | 14A | | |
| 05415 | | XA406 | 27 | | XA407 | 13 | | | 16B | 9 | | TRWS0A | 01 | TRWS0A | 00 | 1 | TQ2 | B4 | | 13B | | |
| 00064 | | XA406 | 28 | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 05902 | | XA406 | 29 | | | | | | | | | TSRS00 | 03 | TSRS0A | 01 | 1 | TQ2 | C3 | | 14B | | |
| 05882 | | XA406 | 30 | | | | | | | | | TSPNIR | 05 | TSPNIR | 00 | 1 | TQ2 | C2 | | 15A | | |
| 01216 | | XA406 | 31 | | XA407 | 31 | | | 16B | 9 | | SPI001 | 09 | TSRS0A | 01 | 2 | TQ2 | C3 | | 15B | | |
| 00598 | | XA406 | 32 | | | | | | | | | GND | 01 | | | | TQ2 | | | 20B | | |
| 05899 | | XA406 | 33 | | | | | | | | | TSRS0A | 05 | TSRS0A | 00 | 1 | TQ2 | C3 | | 16B | | |
| 05887 | | XA406 | 34 | | XA408 | 65 | | | 16B | 9 | | TSPNIS | 05 | TSPNIR | 01 | 1 | TQ2 | C2 | | 16A | | |
| 04145 | | XA406 | 35 | | XA407 | 39 | | | 16B | 9 | | TDSC0A | 01 | TDSC00 | 01 | 1 | TQ2 | C4 | | 17B | | A03 |
| 05876 | | XA406 | 36 | | XA407 | 51 | | | 16B | 9 | | TSP11A | 01 | TSPNIR | 01 | 2 | TQ2 | C2 | | 17A | | |
| 01215 | | XA406 | 37 | | XA406 | 31 | | | 16B | 9 | | SPI001 | 08 | TDSC00 | 01 | 2 | TQ2 | C4 | | 18B | | |
| 04070 | | XA406 | 38 | | XA407 | 40 | | | 16B | 9 | | TDIRIR | 01 | TDIRIR | 00 | 1 | TQ2 | C1 | | 18A | | |
| 04149 | | XA406 | 39 | | | | | | | | | TDSC00 | 02 | TDSC00 | 00 | 1 | TQ2 | C4 | | 19B | | |
| 04081 | | XA406 | 40 | | XA407 | 38 | | | 16B | 9 | | TDIRIS | 05 | TDIRIR | 01 | 1 | TQ2 | C1 | | 19A | | |
| 04552 | | XA406 | 41 | | XA412 | 71 | | | 16B | 9 | | TKC01P | 01 | TKC290 | 01 | 1 | TQ2 | D3 | | 22B | | |
| 04092 | | XA406 | 42 | | XA408 | 51 | | | 16B | 9 | | TDRI1A | 01 | TDIRIR | 01 | 2 | TQ2 | C1 | | 20A | | |
| 04562 | | XA406 | 43 | | XA412 | 72 | | | 16B | 9 | | TKC29A | 01 | TKC290 | 01 | 2 | TQ2 | D3 | | 23B | | |
| 00599 | | XA406 | 44 | | | | | | | | | GND | 01 | | | | TQ2 | | | 21B | | |
| 04565 | | XA406 | 45 | | | | | | | | | TKC290 | 02 | TKC290 | 00 | 1 | TQ2 | D3 | | 24B | | |
| 05875 | | XA406 | 46 | | | | | | | | | TSPI0A | 02 | TSPI0A | 00 | 1 | TQ2 | D2 | | 21A | | |
| 05963 | | XA406 | 47 | | | | | | | | | TSTROR | 02 | TSTR0S | 01 | 1 | TQ2 | D4 | | 25B | | |
| CONNECTOR XA406 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA406
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 270

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|--------|--------|----------|------|------------------|-------|---------------------|--------------------|--------------------|--------------------|
| | PREFIX | CONNECTOR | PIN | SH 12 | PREFIX | CONNECTOR | PIN | SH 12 | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | |
| 05891 | | XA406 | 48 | | | XA 540 | 23 | | | 16B | 9 | | TSPNSQ | 02 | TSP10A | 01 | 1 | TQ2 | D2 | 22A | | B02 |
| 05960 | | XA406 | 49 | | | XA 525 | 33 | | | 16B | 9 | | TSTROA | 01 | TSTROS | 01 | 2 | TQ2 | D4 | 26B | | |
| 05942 | | XA406 | 50 | | | XA 407 | 49 | | | 16B | 9 | | TSTP2S | 02 | TSP10A | 01 | 2 | TQ2 | D2 | 23A | | |
| 05966 | | XA406 | 51 | | | XA 409 | 75 | | | 16B | 9 | | TSTROS | 03 | TSTROS | 00 | 1 | TQ2 | D4 | 27B | | START DELAY BIT 0 |
| 04090 | | XA406 | 52 | | | XA 407 | 42 | | | 16B | 9 | | TDR10A | 01 | TDR10A | 00 | 1 | TQ2 | D1 | 24A | | |
| 04101 | | XA406 | 53 | | | XA 518 | 19 | | | 16B | 9 | | TDRS00 | 01 | TDRS0A | 01 | 1 | TQ2 | E3 | 28B | | |
| 04086 | | XA406 | 54 | | | XA 505 | 08 | | | 16B | 9 | | TDIRSQ | 01 | TDR10A | 01 | 1 | TQ2 | D1 | 25A | | |
| 01214 | | XA406 | 55 | | | XA 406 | 37 | | | 16B | 9 | | SPI001 | 07 | TDRS0A | 01 | 2 | TQ2 | E3 | 29B | | |
| 05941 | | XA406 | 56 | | | XA 406 | 50 | | | 16B | 9 | | TSTP2S | 01 | TDR10A | 01 | 2 | TQ2 | D1 | 26A | | |
| 04096 | | XA406 | 57 | | | XA 528 | 04 | | | 16B | 9 | | TDRS0A | 01 | TDRS0A | 00 | 1 | TQ2 | E3 | 30B | | |
| 00600 | | XA406 | 58 | | | | | | | | | | GND | 01 | | | | TQ2 | | 27A | | |
| 07740 | | XA406 | 59 | | | | | | | | | | TXXA3Q | 03 | TXXBKO | 01 | 1 | TQ2 | E4 | 31B | | A03 |
| 05993 | | XA406 | 60 | | | | | | | | | | TSTR3R | 03 | TSTR3R | 00 | 1 | TQ2 | E2 | 28A | | |
| 01213 | | XA406 | 61 | | | XA 406 | 55 | | | 16B | 9 | | SPI001 | 06 | TXXBKO | 01 | 2 | TQ2 | E4 | 32B | | |
| 05994 | | XA406 | 62 | | | XA 407 | 52 | | | 16B | 9 | | TSTR3S | 01 | TSTR3R | 01 | 1 | TQ2 | E2 | 29A | | |
| 07775 | | XA406 | 63 | | | | | | | | | | TXXBKO | 04 | TXXBKC | 00 | 1 | TQ2 | E4 | 33B | | I/O BYTE COUNTER |
| 05977 | | XA406 | 64 | | | XA 406 | 68 | | | 16B | 9 | | TSTR1S | 04 | TSTR3R | 01 | 2 | TQ2 | E2 | 30A | | |
| 05986 | | XA406 | 65 | | | XA 409 | 36 | | | 16B | 9 | | TSTR2S | 02 | TSTR1A | 01 | 1 | TQ2 | F3 | 34B | | |
| 05989 | | XA406 | 66 | | | XA 407 | 56 | | | 16B | 9 | | TSTR3A | 01 | TSTR3A | 00 | 1 | TQ2 | E1 | 31A | | |
| 00601 | | XA406 | 67 | | | | | | | | | | GND | 01 | | | | TQ2 | | 40A | | |
| 05978 | | XA406 | 68 | | | | | | | | | | TSTR1S | 05 | TSTR3A | 01 | 1 | TQ2 | E1 | 32A | | |
| 05969 | | XA406 | 69 | | | XA 409 | 77 | | | 16B | 9 | | TSTR1A | 01 | TSTR1A | 00 | 1 | TQ2 | F3 | 35A | | |
| 03523 | | XA406 | 70 | | | | | | | | | | TBOT0S | 07 | TSTR3A | 01 | 2 | TQ2 | E1 | 33A | | |
| 04424 | | XA406 | 71 | | | XA 407 | 71 | | | 16B | 9 | | TFST1R | 02 | TFST3A | 01 | 1 | TQ2 | F2 | 36A | | |
| 04437 | | XA406 | 72 | | | XA 409 | 76 | | | 16B | 9 | | TFST3A | 01 | TFST3A | 00 | 1 | TQ2 | F2 | 34A | | |
| 05715 | | XA406 | 73 | | | XA 502 | 25 | | | 16B | 9 | | TSCK1B | 62 | TFST3A | 01 | 2 | TQ2 | F2 | 36B | | |
| 05784 | | XA406 | 74 | | | XA 408 | 55 | | | 16B | 9 | | TSCK3B | 67 | TSTR1A | 01 | 2 | TQ2 | F3 | 35B | | |
| 06027 | | XA406 | 75 | | | XA 407 | 77 | | | 16B | 9 | | TS23S0 | 01 | TS23S0 | 00 | 1 | TQ2 | F1 | 37B | | |
| 04416 | | XA406 | 76 | | | XA 408 | 73 | | | 16B | 9 | | TFST0S | 01 | TFSTRA | 01 | 1 | TQ2 | F4 | 37A | | |
| 07124 | | XA406 | 77 | | | XA 507 | 22 | | | 16B | 9 | | TXDPEA | 01 | TS23S0 | 01 | 1 | TQ2 | F1 | 38B | | |
| 04423 | | XA406 | 78 | | | XA 406 | 71 | | | 16B | 9 | | TFST1R | 01 | TFSTRA | 01 | 2 | TQ2 | F4 | 38A | | |
| 07986 | | XA406 | 79 | | | XA 431 | 27 | | | 16B | 9 | | TXODEA | 01 | TS23S0 | 01 | 2 | TQ2 | F1 | 39B | | |
| 04410 | | XA406 | 80 | | | XA 418 | 05 | | | 16B | 9 | | TFSTRA | 01 | TFSTRA | 00 | 1 | TQ2 | F4 | 39A | | |
| 06165 | | XA407 | 01 | | | XA 406 | 04 | | | 16B | 9 | | TTS2BS | 10 | TTS2BS | 00 | 1 | TQ2 | A2 | 02B | | TRANSPORT 2 SELECT |
| 00602 | | XA407 | 02 | | | | | | | | | | GND | 01 | | | | TQ2 | | 01A | | |
| 05418 | | XA407 | 03 | | | XA 406 | 03 | | | 16B | 9 | | TRWS0R | 02 | TRWS0S | 01 | 1 | TQ2 | A3 | 02A | | |
| 06154 | | XA407 | 04 | | | XA 543 | 62 | | | 16B | 9 | | TTS2BR | 02 | TTS2BS | 01 | 1 | TQ2 | A2 | 04A | | |
| 06168 | | XA407 | 05 | | | | | | | | | | TTS20A | 02 | TTS2BS | 01 | 2 | TQ2 | A2 | 03B | | |
| 06137 | | XA407 | 06 | | | XA 406 | 08 | | | 16B | 9 | | TTS1BS | 06 | TTS1BS | 00 | 1 | TQ2 | A1 | 05A | | TRANSPORT 1 SELECT |
| 06000 | | XA407 | 07 | | | XA 409 | 42 | | | 16B | 9 | | TSTR6A | 01 | TRWS0S | 01 | 2 | TQ2 | A3 | 03A | | |
| 06130 | | XA407 | 08 | | | XA 543 | 68 | | | 16B | 9 | | TTS1BR | 02 | TTS1BS | 01 | 1 | TQ2 | A1 | 06A | | |
| 05423 | | XA407 | 09 | | | XA 406 | 23 | | | 16B | 9 | | TRWS0S | 04 | TRWS0S | 00 | 1 | TQ2 | A3 | 04B | | REWIND COUNTER BIT |
| 06140 | | XA407 | 10 | | | | | | | | | | TTS10A | 02 | TTS1BS | 01 | 2 | TQ2 | A1 | 07A | | |
| 05427 | | XA407 | 11 | | | XA 409 | 07 | | | 16B | 9 | | TRWS1R | 01 | TRWS1S | 01 | 1 | TQ2 | A4 | 05B | | |
| 00065 | | XA407 | 12 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | |
| 05416 | | XA407 | 13 | | | | | | | | | | TRWS0A | 02 | TRWS1S | 01 | 2 | TQ2 | A4 | 06B | | |
| 06221 | | XA407 | 14 | | | XA 406 | 18 | | | 16B | 9 | | TTS4BS | 10 | TTS4BS | 00 | 1 | TQ2 | B2 | 09A | | TRANSPORT 4 SELECT |
| 05430 | | XA407 | 15 | | | XA 409 | 01 | | | 16B | 9 | | TRWS1S | 02 | TRWS1S | 00 | 1 | TQ2 | A4 | 07B | | REWIND COUNTER BIT |
| CONNECTOR XA407 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA407
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 271

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|-------------|-----|----------------------|--------|
| | PREFIX | CONNECTOR | PIN | DR FC | PREFIX | CONNECTOR | PIN | DR FC | MULTI GROUP | CODE | COLOR | | | | | | | | | IDENT | AND | | |
| 00603 | | XA407 | 16 | | | | | | | | | GND | 01 | | | TQ2 | | | | 01B | | | |
| 05181 | | XA407 | 17 | | | | | | | | | TREWIP | 03 | TCSD10 | 01 | 1 | TQ2 | B3 | | 08B | | | |
| 06210 | | XA407 | 18 | | XA543 | 59 | | | 16B | 9 | | TTS4BR | 02 | TTS4BS | 01 | 1 | TQ2 | B2 | | 10A | | | |
| 05173 | | XA407 | 19 | | XA425 | 09 | | | 16B | 9 | | TREWDP | 03 | TCSD10 | 01 | 2 | TQ2 | B3 | | 09B | | | |
| 06223 | | XA407 | 20 | | XA408 | 39 | | | 16B | 9 | | TTS40A | 01 | TTS4BS | 01 | 2 | TQ2 | B2 | | 11A | | | |
| 03780 | | XA407 | 21 | | XA410 | 14 | | | 16B | 9 | | TCSD10 | 01 | TCSD10 | 00 | 1 | TQ2 | B3 | | 10B | | | |
| 06193 | | XA407 | 22 | | XA406 | 24 | | | 16B | 9 | | TTS3BS | 10 | TTS3BS | 00 | 1 | TQ2 | B1 | | 12A | | | |
| 05936 | | XA407 | 23 | | XA409 | 34 | | | 16B | 9 | | TSTP2R | 01 | TTSC90 | 01 | 1 | TQ2 | B4 | | 11B | | TRANSPORT 3 SELECT | |
| 06182 | | XA407 | 24 | | XA543 | 53 | | | 16B | 9 | | TTS3BR | 02 | TTS3BS | 01 | 1 | TQ2 | B1 | | 13A | | | |
| 01218 | | XA407 | 25 | | XA406 | 19 | | | 16B | 9 | | SPI001 | 11 | TTSC90 | 01 | 2 | TQ2 | B4 | | 12B | | | |
| 06195 | | XA407 | 26 | | XA408 | 30 | | | 16B | 9 | | TTS30A | 01 | TTS3BS | 01 | 2 | TQ2 | B1 | | 14A | | | |
| 06118 | | XA407 | 27 | | XA408 | 31 | | | 16B | 9 | | TTSC90 | 04 | TTSC90 | 00 | 1 | TQ2 | B4 | | 13B | | | |
| 00066 | | XA407 | 28 | | | | | | | | | +5V | 01 | | | TQ2 | | | | | | | |
| 05901 | | XA407 | 29 | | XA406 | 29 | | | 16B | 9 | | TSRS00 | 02 | TSRS1A | 01 | 1 | TQ2 | C3 | | 14B | | | |
| 05886 | | XA407 | 30 | | XA406 | 34 | | | 16B | 9 | | TSPNIS | 04 | TSPNIS | 00 | 1 | TQ2 | C2 | | 15A | | | |
| 01217 | | XA407 | 31 | | XA407 | 25 | | | 16B | 9 | | SPI001 | 10 | TSRS1A | 01 | 2 | TQ2 | C3 | | 15B | | OLD SPEED F/F (7.5 | |
| 00604 | | XA407 | 32 | | | | | | | | | GND | 01 | | | TQ2 | | | | 20B | | | |
| 05907 | | XA407 | 33 | | | | | | | | | TSRS1A | 05 | TSRS1A | 00 | 1 | TQ2 | C3 | | 16B | | | |
| 05881 | | XA407 | 34 | | XA406 | 30 | | | 16B | 9 | | TSPNIR | 04 | TSPNIS | 01 | 1 | TQ2 | C2 | | 16A | | | |
| 04151 | | XA407 | 35 | | | | | | | | | TDSC1ER | 02 | TDSC0A | 01 | 1 | TQ2 | C4 | | 17B | | | |
| 05874 | | XA407 | 36 | | XA406 | 46 | | | 16B | 9 | | TSP10A | 01 | TSPNIS | 01 | 2 | TQ2 | C2 | | 17A | | | |
| 04152 | | XA407 | 37 | | XA540 | 27 | | | 16B | 9 | | TDSC2ER | 01 | TDSC0A | 01 | 2 | TQ2 | C4 | | 18B | | | |
| 04082 | | XA407 | 38 | | | | | | | | | TDIRIS | 06 | TDIRIS | 00 | 1 | TQ2 | C1 | | 18A | | OLD DIRECTION F/F | |
| 04146 | | XA407 | 39 | | XA433 | 78 | | | 16B | 9 | | TDSC0A | 02 | TDSC0A | 00 | 1 | TQ2 | C4 | | 19B | | | |
| 04071 | | XA407 | 40 | | XA408 | 54 | | | 16B | 9 | | TDIRIR | 02 | TDIRIS | 01 | 1 | TQ2 | C1 | | 19A | | | |
| 03897 | | XA407 | 41 | | | | | | | | | TC51BP | 02 | T200MA | 01 | 1 | TQ2 | D3 | | 22B | | B05 | |
| 04091 | | XA407 | 42 | | | | | | | | | TDRI0A | 02 | TDIRIS | 01 | 2 | TQ2 | C1 | | 20A | | | |
| 03913 | | XA407 | 43 | | | | | | | | | TC52BQ | 03 | T200MA | 01 | 2 | TQ2 | D3 | | 23B | | B05 | |
| 00605 | | XA407 | 44 | | | | | | | | | GND | 01 | | | TQ2 | | | | 21B | | | |
| 08106 | | XA407 | 45 | | XA520 | 11 | | | 16B | 9 | | T200MA | 01 | T200MA | 00 | 1 | TQ2 | D3 | | 24B | | MAIN COUNT 500MS B05 | |
| 06005 | | XA407 | 46 | | | | | | | | | TSTR7A | 02 | TSTR7A | 00 | 1 | TQ2 | D2 | | 21A | | | |
| 05889 | | XA407 | 47 | | | | | | | | | TSPNSP | 02 | TSP11A | 01 | 1 | TQ2 | D4 | | 25B | | | |
| 08097 | | XA407 | 48 | | | | | | | | | T200M0 | 03 | TSTR7A | 01 | 1 | TQ2 | D2 | | 22A | | B05 | |
| 05943 | | XA407 | 49 | | XA408 | 49 | | | 16B | 9 | | TSTP2S | 03 | TSP11A | 01 | 2 | TQ2 | D4 | | 26B | | | |
| 06585 | | XA407 | 50 | | | | | | | | | TWRITP | 07 | TSTR7A | 01 | 2 | TQ2 | D2 | | 23A | | B05 | |
| 05877 | | XA407 | 51 | | | | | | | | | TSP11A | 02 | TSP11A | 00 | 1 | TQ2 | D4 | | 27B | | | |
| 05995 | | XA407 | 52 | | XA410 | 30 | | | 16B | 9 | | TSTR3S | 02 | TSTR3S | 00 | 1 | TQ2 | D1 | | 24A | | | |
| 04696 | | XA407 | 53 | | | | | | | | | TLRCAA | 02 | TLRCA0 | 01 | 1 | TQ2 | E3 | | 28B | | START DELAY 81T 3 | |
| 05992 | | XA407 | 54 | | XA406 | 60 | | | 16B | 9 | | TSTR3R | 02 | TSTR3S | 01 | 1 | TQ2 | D1 | | 25A | | | |
| 01211 | | XA407 | 55 | | XA406 | 61 | | | 16B | 9 | | SPI001 | 04 | TLRCA0 | 01 | 2 | TQ2 | F3 | | 29B | | | |
| 05990 | | XA407 | 56 | | XA418 | 13 | | | 16B | 9 | | TSTR3A | 02 | TSTR3S | 01 | 2 | TQ2 | D1 | | 26A | | C03 | |
| 04698 | | XA407 | 57 | | | | | | | | | TLRCA0 | 02 | TLRCA0 | 00 | 1 | TQ2 | E3 | | 30B | | | |
| 00606 | | XA407 | 58 | | | | | | | | | GND | 01 | | | TQ2 | | | | 27A | | | |
| 01251 | | XA407 | 59 | | XA408 | 80 | | | 16B | 9 | | TSTR5A | 01 | TSTR60 | 01 | 1 | TQ2 | E4 | | 31B | | | |
| 05909 | | XA407 | 60 | | | | | | | | | TSTPRA | 02 | TSTPRA | 00 | 1 | TQ2 | E2 | | 28A | | | |
| 01212 | | XA407 | 61 | | XA525 | 45 | | | 16B | 9 | | T066MA | 01 | TSTR60 | 01 | 2 | TQ2 | E4 | | 32B | | C03 | |
| 05919 | | XA407 | 62 | | XA408 | 64 | | | 16B | 9 | | TSTPOS | 01 | TSTPRA | 01 | 1 | TQ2 | E2 | | 29A | | | |
| 03380 | | XA407 | 63 | | XA410 | 48 | | | 16B | 9 | | TSTR60 | 01 | TSTR60 | 00 | 1 | TQ2 | E4 | | 33B | | | |
| 05928 | | XA407 | 64 | | XA408 | 60 | | | 16B | 9 | | TSTP1R | 03 | TSTPRA | 01 | 2 | TQ2 | E2 | | 30A | | | |
| 04433 | | XA407 | 65 | | | | | | | | | TFST2R | 02 | TFST2S | 01 | 1 | TQ2 | E3 | | 34B | | | |
| CONNECTOR (XA407) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA407
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 272

| RECORD NUMBER | FROM | | | TO | WIRE | | | MULTI GROUP | CODE | COLOR | IDEN | SFC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|--|--------|-----------|-----|----|--------|-----------|-----|-------------|------|-------|------|---------------|--------|--------|----------|------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | | | | | | | | | | | | | | | | |
| 05933 | | XA407 | 66 | | | | | | | | | | TSTP1S | 03 | TSTP1S | 00 | 1 | TQ2 | E1 | | 31A | STOP DELAY BIT 1 | |
| 00607 | | XA407 | 67 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 40A | | |
| 05927 | | XA407 | 68 | | XA407 | 64 | | | 16B | 9 | | | TSTP1R | 02 | TSTP1S | 01 | 1 | TQ2 | E1 | | 32A | | |
| 04435 | | XA407 | 69 | | XA409 | 69 | | | 16B | 9 | | | TFST2S | 02 | TFST2S | 00 | 1 | TQ2 | F3 | | 35A | FLYING START COUNT | |
| 05951 | | XA407 | 70 | | XA409 | 63 | | | 16B | 9 | | | TSTP6A | 02 | TSTP1S | 01 | 2 | TQ2 | E1 | | 33A | | |
| 04425 | | XA407 | 71 | | XA408 | 72 | | | 16B | 9 | | | TFST1R | 03 | TFST1S | 01 | 1 | TQ2 | F2 | | 36A | | |
| 04427 | | XA407 | 72 | | XA408 | 71 | | | 16B | 9 | | | TFST1S | 01 | TFST1S | 00 | 1 | TQ2 | F2 | | 34A | FLYING START COUNT | |
| 04430 | | XA407 | 73 | | XA409 | 43 | | | 16B | 9 | | | TFST2A | 01 | TFST1S | 01 | 2 | TQ2 | F2 | | 36B | | |
| 04440 | | XA407 | 74 | | XA409 | 51 | | | 16B | 9 | | | TFST4A | 02 | TFST2S | 01 | 2 | TQ2 | F3 | | 35B | | |
| 06025 | | XA407 | 75 | | XA526 | 03 | | | 16B | 9 | | | TS23SA | 01 | TS23SA | 00 | 1 | TQ2 | F1 | | 37B | | |
| 04581 | | XA407 | 76 | | XA506 | 36 | | | 16B | 9 | | | TLAD0S | 01 | TLADRA | 01 | 1 | TQ2 | F4 | | 37A | | |
| 06028 | | XA407 | 77 | | | | | | | | | | TS23S0 | 02 | TS23SA | 01 | 1 | TQ2 | F1 | | 38B | | |
| 04591 | | XA407 | 78 | | | | | | | | | | TLAD1R | 04 | TLADRA | 01 | 2 | TQ2 | F4 | | 38A | | |
| 01208 | | XA407 | 79 | | XA407 | 55 | | | 16B | 9 | | | SPI001 | 01 | TS23SA | 01 | 2 | TQ2 | F1 | | 39B | | 403 |
| 04575 | | XA407 | 80 | | | | | | | | | | TLADRA | 02 | TLADRA | 00 | 1 | TQ2 | F4 | | 39A | | |
| 06110 | | XA408 | 01 | | | | | | | | | | TTSC2A | 02 | TTSC2A | 00 | 1 | TQ2 | A2 | | 02B | | |
| 00608 | | XA408 | 02 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01A | | |
| 06178 | | XA408 | 03 | | XA408 | 34 | | | 16B | 9 | | | TTS3BQ | 01 | TTSC3A | 01 | 1 | TQ2 | A3 | | 02A | | |
| 06152 | | XA408 | 04 | | | | | | | | | | TTS2BQ | 03 | TTSC2A | 01 | 1 | TQ2 | A2 | | 04A | | |
| 06164 | | XA408 | 05 | | XA407 | 01 | | | 16B | 9 | | | TTS2BS | 09 | TTSC2A | 01 | 2 | TQ2 | A2 | | 03B | | |
| 06107 | | XA408 | 06 | | XA410 | 01 | | | 16B | 9 | | | TTSC1A | 01 | TTSC1A | 00 | 1 | TQ2 | A1 | | 05A | | |
| 06192 | | XA408 | 07 | | XA407 | 22 | | | 16B | 9 | | | TTS3BS | 09 | TTSC3A | 01 | 2 | TQ2 | A3 | | 03A | | |
| 06126 | | XA408 | 08 | | XA408 | 18 | | | 16B | 9 | | | TTSC1A | 01 | TTSC1A | 01 | 1 | TQ2 | A1 | | 06A | | |
| 06111 | | XA408 | 09 | | XA410 | 05 | | | 16B | 9 | | | TTSC3A | 01 | TTSC3A | 00 | 1 | TQ2 | A3 | | 04B | | |
| 06136 | | XA408 | 10 | | XA407 | 06 | | | 16B | 9 | | | TTS1BS | 05 | TTSC1A | 01 | 2 | TQ2 | A1 | | 07A | | |
| 06208 | | XA408 | 11 | | | | | | | | | | TTS4BQ | 03 | TTSC4A | 01 | 1 | TQ2 | A4 | | 05B | | |
| 00067 | | XA408 | 12 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 06220 | | XA408 | 13 | | XA407 | 14 | | | 16B | 9 | | | TTS4BS | 09 | TTSC4A | 01 | 2 | TQ2 | A4 | | 06B | | |
| 06139 | | XA408 | 14 | | XA407 | 10 | | | 16B | 9 | | | TTS10A | 01 | TTS10A | 00 | 1 | TQ2 | B2 | | 09A | | |
| 06114 | | XA408 | 15 | | | | | | | | | | TTSC4A | 02 | TTSC4A | 00 | 1 | TQ2 | A4 | | 07B | | |
| 00609 | | XA408 | 16 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01B | | |
| 06125 | | XA408 | 17 | | | | | | | | | | TTS1BP | 02 | TTS11A | 01 | 1 | TQ2 | B3 | | 08B | | |
| 06127 | | XA408 | 18 | | XA541 | 13 | | | 16B | 9 | | | TTS1BQ | 02 | TTS10A | 01 | 1 | TQ2 | B2 | | 10A | | |
| 06116 | | XA408 | 19 | | XA408 | 25 | | | 16B | 9 | | | TTSC90 | 02 | TTS11A | 01 | 2 | TQ2 | B3 | | 09B | | |
| 06115 | | XA408 | 20 | | XA408 | 19 | | | 16B | 9 | | | TTSC90 | 01 | TTS10A | 01 | 2 | TQ2 | B2 | | 11A | | |
| 06142 | | XA408 | 21 | | | | | | | | | | TTS11A | 02 | TTS11A | 00 | 1 | TQ2 | B3 | | 10B | | |
| 05974 | | XA408 | 22 | | XA409 | 22 | | | 16B | 9 | | | TSTR1S | 01 | TSTR1S | 00 | 1 | TQ2 | B1 | | 12A | START DELAY BIT 1 | |
| 06151 | | XA408 | 23 | | XA408 | 04 | | | 16B | 9 | | | TTS2BQ | 02 | TTS20A | 01 | 1 | TQ2 | B4 | | 11B | | |
| 05972 | | XA408 | 24 | | XA509 | 09 | | | 16B | 9 | | | TSTR1R | 02 | TSTR1S | 01 | 1 | TQ2 | B1 | | 13A | | |
| 06117 | | XA408 | 25 | | XA407 | 27 | | | 16B | 9 | | | TTSC90 | 03 | TTS20A | 01 | 2 | TQ2 | B4 | | 12B | | |
| 05981 | | XA408 | 26 | | XA410 | 23 | | | 16B | 9 | | | TSTR2A | 03 | TSTR1S | 01 | 2 | TQ2 | B1 | | 14A | | |
| 06167 | | XA408 | 27 | | XA407 | 05 | | | 16B | 9 | | | TTS20A | 01 | TTS20A | 00 | 1 | TQ2 | B4 | | 13B | | |
| 00068 | | XA408 | 28 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 06177 | | XA408 | 29 | | | | | | | | | | TTS3BP | 02 | TTS31A | 01 | 1 | TQ2 | C3 | | 14B | | |
| 06196 | | XA408 | 30 | | | | | | | | | | TTS30A | 02 | TTS30A | 00 | 1 | TQ2 | C2 | | 15A | | |
| 06119 | | XA408 | 31 | | XA408 | 37 | | | 16B | 9 | | | TTSC90 | 05 | TTS31A | 01 | 2 | TQ2 | C3 | | 15B | | |
| 00610 | | XA408 | 32 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 20B | | |
| 06198 | | XA408 | 33 | | | | | | | | | | TTS31A | 02 | TTS31A | 00 | 1 | TQ2 | C3 | | 16B | | |
| CONNECTOR XA408 CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA408
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 273

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|-------------|--------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DR FC | PREFIX | CONNECTOR | PIN | DR FC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | AND OR | AND OR | | |
| 06179 | | XA408 | 34 | | | XA542 | 13 | | | 16B | 9 | | TTS3BQ | 02 | TTS30A | 01 | 1 | TQ2 | C2 | | 16A | | | |
| 06207 | | XA408 | 35 | | | XA408 | 11 | | | 16B | 9 | | TTS4BQ | 02 | TTS40A | 01 | 1 | TQ2 | C4 | | 17B | | | |
| 06121 | | XA408 | 36 | | | XA408 | 42 | | | 16B | 9 | | TTSC90 | 07 | TTS30A | 01 | 2 | TQ2 | C2 | | 17A | | | |
| 06120 | | XA408 | 37 | | | XA408 | 36 | | | 16B | 9 | | TTSC90 | 06 | TTS40A | 01 | 2 | TQ2 | C4 | | 18B | | | |
| 06170 | | XA408 | 38 | | | | | | | | | | TTS21A | 02 | TTS21A | 00 | 1 | TQ2 | C1 | | 18A | | | |
| 06224 | | XA408 | 39 | | | | | | | | | | TTS40A | 02 | TTS40A | 00 | 1 | TQ2 | C4 | | 19B | | | |
| 06148 | | XA408 | 40 | | | XA541 | 09 | | | 16B | 9 | | TTS28P | 01 | TTS21A | 01 | 1 | TQ2 | C1 | | 19A | | | |
| 06204 | | XA408 | 41 | | | XA542 | 09 | | | 16B | 9 | | TTS48P | 01 | TTS41A | 01 | 1 | TQ2 | D3 | | 22B | | | |
| 06122 | | XA408 | 42 | | | XA408 | 43 | | | 16B | 9 | | TTSC90 | 08 | TTS21A | 01 | 2 | TQ2 | C1 | | 20A | | | |
| 06123 | | XA408 | 43 | | | | | | | | | | TTSC90 | 09 | TTS41A | 01 | 2 | TQ2 | D3 | | 23B | | | |
| 00611 | | XA408 | 44 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 21B | | | |
| 06226 | | XA408 | 45 | | | | | | | | | | TTS41A | 02 | TTS41A | 00 | 1 | TQ2 | D3 | | 24B | | | |
| 06007 | | XA408 | 46 | | | | | | | | | | TSTR80 | 02 | TSTR80 | 00 | 1 | TQ2 | D2 | | 21A | | | |
| 04085 | | XA408 | 47 | | | | | | | | | | TDIRSP | 03 | TDIR1A | 01 | 1 | TQ2 | D4 | | 25B | | | |
| 06004 | | XA408 | 48 | | | XA407 | 46 | | | 16B | 9 | | TSTR7A | 01 | TSTR80 | 01 | 1 | TQ2 | D2 | | 22A | | | |
| 05944 | | XA408 | 49 | | | XA408 | 68 | | | 16B | 9 | | TSTP2S | 04 | TDIR1A | 01 | 2 | TQ2 | D4 | | 26B | | | |
| 08107 | | XA408 | 50 | | | XA519 | 15 | | | 16B | 9 | | T300MA | 01 | TSTR80 | 01 | 2 | TQ2 | D2 | | 23A | | B05 | |
| 04093 | | XA408 | 51 | | | | | | | | | | TDIR1A | 02 | TDIR1A | 00 | 1 | TQ2 | D4 | | 27B | | | |
| 05404 | | XA408 | 52 | | | XA502 | 06 | | | 16B | 9 | | TRUN3A | 01 | TRUN3A | 00 | 1 | TQ2 | D1 | | 24A | | | |
| 04434 | | XA408 | 53 | | | XA407 | 69 | | | 16B | 9 | | TFST2S | 01 | TEST1A | 01 | 1 | TQ2 | E3 | | 28B | | | |
| 04072 | | XA408 | 54 | | | XA509 | 60 | | | 16B | 9 | | TDIR1R | 03 | TRUN3A | 01 | 1 | TQ2 | D1 | | 25A | | | |
| 05785 | | XA408 | 55 | | | XA410 | 79 | | | 16B | 9 | | TSCK3B | 68 | TEST1A | 01 | 2 | TQ2 | E3 | | 29B | | | |
| 03510 | | XA408 | 56 | | | | | | | | | | TBOT10X | 02 | TRUN3A | 01 | 2 | TQ2 | D1 | | 26A | | B05 | |
| 04422 | | XA408 | 57 | | | | | | | | | | TFST1A | 02 | TEST1A | 00 | 1 | TQ2 | E3 | | 30B | | | |
| 00612 | | XA408 | 58 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 27A | | | |
| 04712 | | XA408 | 59 | | | | | | | | | | TLRCPQ | 03 | TLRCBA | 01 | 1 | TQ2 | F4 | | 31B | | | |
| 05929 | | XA408 | 60 | | | XA409 | 30 | | | 16B | 9 | | TSTP1R | 04 | TSTP1R | 00 | 1 | TQ2 | E2 | | 28A | | | |
| 04697 | | XA408 | 61 | | | XA407 | 57 | | | 16B | 9 | | TLRCA0 | 01 | TLRCBA | 01 | 2 | TQ2 | F4 | | 32B | | | |
| 05932 | | XA408 | 62 | | | XA407 | 66 | | | 16B | 9 | | TSTP1S | 02 | TSTP1R | 01 | 1 | TQ2 | E2 | | 29A | | | |
| 04701 | | XA408 | 63 | | | | | | | | | | TLRCBA | 03 | TLRCBA | 00 | 1 | TQ2 | F4 | | 33B | | LRC REG ALL ONE | |
| 05920 | | XA408 | 64 | | | XA409 | 57 | | | 16B | 9 | | TSTP0S | 02 | TSTP1R | 01 | 2 | TQ2 | E2 | | 30A | | | |
| 01210 | | XA408 | 65 | | | XA408 | 78 | | | 16B | 9 | | TSPNIS | 06 | TSTP9A | 01 | 1 | TQ2 | F3 | | 34B | | B05 | |
| 05925 | | XA408 | 66 | | | | | | | | | | TSTP1A | 02 | TSTP1A | 00 | 1 | TQ2 | E1 | | 31A | | | |
| 00613 | | XA408 | 67 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 40A | | | |
| 05945 | | XA408 | 68 | | | XA409 | 74 | | | 16B | 9 | | TSTP2S | 05 | TSTP1A | 01 | 1 | TQ2 | E1 | | 32A | | | |
| 03381 | | XA408 | 69 | | | XA432 | 35 | | | 16B | 9 | | TSTP9A | 01 | TSTP9A | 00 | 1 | TQ2 | F3 | | 35A | | A03 | |
| 05783 | | XA408 | 70 | | | XA406 | 74 | | | 16B | 9 | | TSCK3B | 66 | TSTP1A | 01 | 2 | TQ2 | E1 | | 33A | | | |
| 04428 | | XA408 | 71 | | | XA409 | 45 | | | 16B | 9 | | TFST1S | 02 | TEST1R | 01 | 1 | TQ2 | F2 | | 36A | | | |
| 04426 | | XA408 | 72 | | | | | | | | | | TFST1R | 04 | TFST1R | 00 | 1 | TQ2 | F2 | | 34A | | | |
| 04417 | | XA408 | 73 | | | XA410 | 57 | | | 16B | 9 | | TEST0S | 02 | TEST1R | 01 | 2 | TQ2 | F2 | | 36B | | | |
| 01253 | | XA408 | 74 | | | XA522 | 72 | | | 16B | 9 | | T082M0 | 01 | TSTP9A | 01 | 2 | TQ2 | F3 | | 35B | | C05 | |
| 05939 | | XA408 | 75 | | | XA418 | 78 | | | 16B | 9 | | TSTP2R | 04 | TSTP2R | 00 | 1 | TQ2 | F1 | | 37B | | | |
| 01252 | | XA408 | 76 | | | | | | | | | | T033M0 | 03 | TSTR5A | 01 | 1 | TQ2 | F4 | | 37A | | C03 | |
| 05947 | | XA408 | 77 | | | | | | | | | | TSTP2S | 07 | TSTP2R | 01 | 1 | TQ2 | F1 | | 38B | | | |
| 01209 | | XA408 | 78 | | | | | | | | | | TSPNIS | 07 | TSTR5A | 01 | 2 | TQ2 | F4 | | 38A | | B05 | |
| 05980 | | XA408 | 79 | | | XA408 | 26 | | | 16B | 9 | | TSTR2A | 02 | TSTP2R | 01 | 2 | TQ2 | F1 | | 39B | | | |
| 03382 | | XA408 | 80 | | | | | | | | | | TSTR5A | 02 | TSTR5A | 00 | 1 | TQ2 | F4 | | 39A | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA409
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 274

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SPEC. INSET | SIGNAL | SEQ. NO. | EQUATION | TERM. | FACT. | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO. |
|--|--------|-----------|-----|------|--------|-----------|-----|------|-------------|------|-------|-------|-------------|--------|----------|----------|-------|-------|------------------|-------|---------------------|--------------------|--------------------|---------|
| | PREFIX | CONNECTOR | PIN | IN L | PREFIX | CONNECTOR | PIN | IN L | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | |
| 05431 | XA409 | 01 | | | | | | | | | | | TRWS1S | 03 | TRWS1R | 01 | 1 | TT3 | A2 | | 02B | | | |
| 00614 | XA409 | 02 | | | | | | | | | | | GND | 01 | | | | TT3 | | | 01B | | | |
| 05435 | XA409 | 03 | | | | | | | | | | | TRWS3A | 02 | TRWS1R | 00 | 2 | TT3 | A2 | | 02A | | | |
| 05417 | XA409 | 04 | | | XA407 | 03 | | | 16B | 9 | | | TRWSOR | 01 | TRWSOR | 00 | 1 | TT3 | A1 | | 04A | | | |
| 07412 | XA409 | 05 | | | XA409 | 35 | | | 16B | 9 | | | TXRS1B | 09 | TRWS1R | 01 | 3 | TT3 | A2 | | 03B | | | |
| 05422 | XA409 | 06 | | | XA407 | 09 | | | 16B | 9 | | | TRWSOS | 03 | TRWSOR | 01 | 1 | TT3 | A1 | | 05A | | | |
| 05428 | XA409 | 07 | | | | | | | | | | | TRWS1R | 02 | TRWS1R | 00 | 1 | TT3 | A2 | | 03A | | | |
| 05425 | XA409 | 08 | | | XA406 | 15 | | | 16B | 9 | | | TRWS1A | 01 | TRWSOR | 01 | 2 | TT3 | A1 | | 06A | | | |
| 01266 | XA409 | 09 | | | XA515 | 77 | | | 16B | 9 | | | TXEB1Q | 005 | TEB5KA | 01 | 1 | TT3 | A3 | | 04B | | | |
| 07410 | XA409 | 10 | | | XA410 | 13 | | | 16B | 9 | | | TXRS1B | 07 | TRWSOR | 01 | 3 | TT3 | A1 | | 07A | | | |
| 01250 | XA409 | 11 | | | XA428 | 68 | | | 16B | 9 | | | TEBZRA | 005 | TEB5KA | 01 | 2 | TT3 | A3 | | 05B | | | |
| 00069 | XA409 | 12 | | | | | | | | | | | +5V | 01 | | | | TT3 | | | | | | |
| 01220 | XA409 | 13 | | | XA411 | 27 | | | 16B | 9 | | | TXCP3Q | 005 | TEB5KA | 01 | 3 | TT3 | A3 | | 06B | | | |
| 05178 | XA409 | 14 | | | | | | | | | | | TREWDO | 02 | TRWS2A | 01 | 1 | TT3 | B2 | | 09A | | | |
| 03383 | XA409 | 15 | | | XA434 | 60 | | | 16B | 9 | | | TEB5KA | 01 | TEB5KA | 00 | 1 | TT3 | A3 | | 07B | | EOB COUNTER CLOCK | |
| 00615 | XA409 | 16 | | | | | | | | | | | GND | 01 | | | | TT3 | | | 21B | | | |
| 05421 | XA409 | 17 | | | XA409 | 06 | | | 16B | 9 | | | TRWSOS | 02 | TRWS2A | 01 | 2 | TT3 | B2 | | 08B | | | |
| 05787 | XA409 | 18 | | | XA410 | 20 | | | 16B | 9 | | | TSCK3B | 70 | TRWS2A | 01 | 3 | TT3 | B2 | | 10A | | | |
| 05433 | XA409 | 19 | | | | | | | | | | | TRWS2A | 02 | TRWS2A | 00 | 1 | TT3 | B2 | | 09B | | | |
| 05971 | XA409 | 20 | | | XA408 | 24 | | | 16B | 9 | | | TSTR1R | 01 | TSTR1R | 00 | 1 | TT3 | B1 | | 11A | | | |
| 06022 | XA409 | 21 | | | | | | | | | | | TS23BP | 02 | TS2890 | 01 | 1 | TT3 | B3 | | 10B | | | |
| 05975 | XA409 | 22 | | | XA410 | 43 | | | 16B | 9 | | | TSTR1S | 02 | TSTR1R | 01 | 1 | TT3 | B1 | | 12A | | | |
| 06045 | XA409 | 23 | | | XA526 | 23 | | | 16B | 9 | | | TS30BP | 01 | TS2890 | 01 | 2 | TT3 | B3 | | 11B | | | |
| 05965 | XA409 | 24 | | | XA406 | 51 | | | 16B | 9 | | | TSTROS | 02 | TSTR1R | 01 | 2 | TT3 | B1 | | 13A | | | |
| 06051 | XA409 | 25 | | | XA526 | 21 | | | 16B | 9 | | | TS31BP | 01 | TS2890 | 01 | 3 | TT3 | B3 | | 12B | | | |
| 05917 | XA409 | 26 | | | XA410 | 24 | | | 16B | 9 | | | TSTPOR | 08 | TSTR1R | 01 | 3 | TT3 | B1 | | 14A | | | |
| 06031 | XA409 | 27 | | | XA421 | 51 | | | 16B | 9 | | | TS2890 | 01 | TS2890 | 00 | 1 | TT3 | B3 | | 13B | | | |
| 00070 | XA409 | 28 | | | | | | | | | | | +5V | 01 | | | | TT3 | | | | | | |
| 05916 | XA409 | 29 | | | XA409 | 26 | | | 16B | 9 | | | TSTPOR | 07 | TSTRCO | 01 | 1 | TT3 | C2 | | 14B | | | |
| 05930 | XA409 | 30 | | | | | | | | | | | TSTP1R | 05 | TSTRCO | 01 | 2 | TT3 | C2 | | 15A | | | |
| 05957 | XA409 | 31 | | | | | | | | | | | TSTRCO | 02 | TSTRCO | 00 | 1 | TT3 | C2 | | 15B | | | |
| 00616 | XA409 | 32 | | | | | | | | | | | GND | 01 | | | | TT3 | | | 27A | | | |
| 05837 | XA409 | 33 | | | XA506 | 14 | | | 16B | 9 | | | TSNC2A | 01 | TSRS00 | 01 | 1 | TT3 | C3 | | 16B | | | |
| 05937 | XA409 | 34 | | | XA409 | 65 | | | 16B | 9 | | | TSTP2R | 02 | TSTRCO | 01 | 3 | TT3 | C2 | | 16A | | | |
| 07413 | XA409 | 35 | | | XA410 | 42 | | | 16B | 9 | | | TXRS1B | 10 | TSRS00 | 01 | 2 | TT3 | C3 | | 17B | | | |
| 05987 | XA409 | 36 | | | XA431 | 69 | | | 16B | 9 | | | TSTR2S | 03 | TSTR2S | 00 | 1 | TT3 | C1 | | 17A | | START DELAY BIT 2 | |
| 01240 | XA409 | 37 | | | XA442 | 35 | | | 16B | 9 | | | SPI001 | 33 | TSRS00 | 01 | 3 | TT3 | C3 | | 18B | | | |
| 05984 | XA409 | 38 | | | | | | | | | | | TSTR2R | 02 | TSTR2S | 01 | 1 | TT3 | C1 | | 18A | | | |
| 05900 | XA409 | 39 | | | XA407 | 29 | | | 16B | 9 | | | TSRS00 | 01 | TSRS00 | 00 | 1 | TT3 | C3 | | 19B | | | |
| 05998 | XA409 | 40 | | | XA410 | 33 | | | 16B | 9 | | | TSTR4A | 02 | TSTR2S | 01 | 2 | TT3 | C1 | | 19A | | | |
| 04420 | XA409 | 41 | | | | | | | | | | | TFSTOS | 05 | TFST2A | 01 | 1 | TT3 | D2 | | 22B | | | |
| 06001 | XA409 | 42 | | | XA410 | 45 | | | 16B | 9 | | | ISTR6A | 02 | ISTR2S | 01 | 3 | TT3 | C1 | | 20A | | | |
| 04431 | XA409 | 43 | | | | | | | | | | | TFST2A | 02 | TFST2A | 00 | 1 | TT3 | D2 | | 23B | | | |
| 00617 | XA409 | 44 | | | | | | | | | | | GND | 01 | | | | TT3 | | | 40A | | | |
| 04429 | XA409 | 45 | | | | | | | | | | | TFST1S | 03 | TFST4A | 01 | 1 | TT3 | D3 | | 24B | | | |
| 03800 | XA409 | 46 | | | XA410 | 25 | | | 16B | 9 | | | ICZR00 | 04 | TFST2A | 01 | 2 | TT3 | D2 | | 21A | | | |
| 08063 | XA409 | 47 | | | XA408 | 76 | | | 16B | 9 | | | T033M0 | 02 | TFST4A | 01 | 2 | TT3 | D3 | | 25B | | | |
| 05706 | XA409 | 48 | | | XA410 | 50 | | | 16B | 9 | | | TSCK1B | 53 | TFST2A | 01 | 3 | TT3 | D2 | | 22A | | | |
| 05705 | XA409 | 49 | | | XA409 | 48 | | | 16B | 9 | | | TSCK1B | 52 | TFST4A | 01 | 3 | TT3 | D3 | | 26B | | | |
| 04414 | XA409 | 50 | | | XA410 | 55 | | | 16B | 9 | | | TFSTOR | 01 | TFSTOR | 00 | 1 | TT3 | D1 | | 23A | | | |
| CONNECTOR: XA409 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1289

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA409
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 275

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SPEC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|----------------|--------|--------|----------|------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH TO | PREFIX | CONNECTOR | PIN | SH TO | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 04441 | | XA409 | 51 | | | | | | | | | | TFST4A | 03 | TFST4A | 00 | 1 | TT3 | D3 | | 27B | | |
| 04419 | | XA409 | 52 | | XA409 | 41 | | | | 16B | 9 | | TFST0S | 04 | TFST0R | 01 | 1 | TT3 | D1 | | 24A | | |
| 04608 | | XA409 | 53 | | XA506 | 01 | | | | 16B | 9 | | TLAD3S | 01 | TSTP2A | 01 | 1 | TT3 | E2 | | 28B | | |
| 04421 | | XA409 | 54 | | XA408 | 57 | | | | 16B | 9 | | TFST1A | 01 | TFST0R | 01 | 2 | TT3 | D1 | | 25A | | |
| 05935 | | XA409 | 55 | | | | | | | | | | TSTP2A | 02 | TSTP2A | 00 | 1 | TT3 | E2 | | 29B | | |
| 03497 | | XA409 | 56 | | XA409 | 79 | | | | 16B | 9 | | TBUSYS | 03 | TFST0R | 01 | 3 | TT3 | D1 | | 26A | | |
| 05921 | | XA409 | 57 | | XA410 | 59 | | | | 16B | 9 | | TSTP0S | 03 | TSTP6A | 01 | 1 | TT3 | E3 | | 30B | | |
| 00618 | | XA409 | 58 | | | | | | | | | | GND | 01 | | | | TT3 | | | 40B | | |
| 03799 | | XA409 | 59 | | XA409 | 46 | | | | 16B | 9 | | TCZR00 | 03 | TSTP6A | 01 | 2 | TT3 | E3 | | 31B | | |
| 05618 | | XA409 | 60 | | XA503 | 46 | | | | 16B | 9 | | TSNCOR | 03 | TSTP2A | 01 | 2 | TT3 | E2 | | 28A | | |
| 05704 | | XA409 | 61 | | XA409 | 49 | | | | 16B | 9 | | TSCK1B | 51 | TSTP6A | 01 | 3 | TT3 | E3 | | 32B | | |
| 05782 | | XA409 | 62 | | XA408 | 70 | | | | 16B | 9 | | TSCK3B | 65 | TSTP2A | 01 | 3 | TT3 | E2 | | 29A | | |
| 05952 | | XA409 | 63 | | XA431 | 76 | | | | 16B | 9 | | TSTP6A | 03 | TSTP6A | 00 | 1 | TT3 | E3 | | 33B | | |
| 04850 | | XA409 | 64 | | XA509 | 49 | | | | 16B | 9 | | TNDA3A | 01 | TNDA3A | 00 | 1 | TT3 | F1 | | 30A | | |
| 05938 | | XA409 | 65 | | XA408 | 75 | | | | 16B | 9 | | TSTP2R | 03 | TSTP2S | 01 | 1 | TT3 | F2 | | 34B | | |
| 05859 | | XA409 | 66 | | XA510 | 14 | | | | 16B | 9 | | TSPACQ | 02 | TNDA3A | 01 | 1 | TT3 | F1 | | 31A | | |
| 00619 | | XA409 | 67 | | | | | | | | | | GND | 01 | | | | TT3 | | | | | |
| 06873 | | XA409 | 68 | | | | | | | | | | TXAS1A | 03 | TNDA3A | 01 | 2 | TT3 | F1 | | 32A | | |
| 04436 | | XA409 | 69 | | | | | | | | | | TFST2S | 03 | TFST2R | 01 | 1 | TT3 | F3 | | 35A | | |
| 06981 | | XA409 | 70 | | | | | | | | | | TXBS1A | 03 | TNDA3A | 01 | 3 | TT3 | F1 | | 33A | | |
| 05955 | | XA409 | 71 | | | | | | | | | | TSTP8A | 02 | TSTP2S | 01 | 2 | TT3 | F2 | | 36A | | |
| 07416 | | XA409 | 72 | | XA409 | 78 | | | | 16B | 9 | | TXRS1B | 13 | TSTP2S | 01 | 3 | TT3 | F2 | | 34A | | |
| 05962 | | XA409 | 73 | | XA406 | 47 | | | | 16B | 9 | | TSTR0R | 01 | TSTR0R | 00 | 1 | TT3 | F1 | | 36B | | |
| 05946 | | XA409 | 74 | | XA408 | 77 | | | | 16B | 9 | | TSTP2S | 06 | TSTP2S | 00 | 1 | TT3 | F2 | | 35B | STOP DELAY BIT 2 | |
| 05967 | | XA409 | 75 | | XA509 | 11 | | | | 16B | 9 | | TSTROS | 04 | TSTR0R | 01 | 1 | TT3 | F1 | | 37B | | |
| 04438 | | XA409 | 76 | | | | | | | | | | TFST3A | 02 | TFST2R | 01 | 2 | TT3 | F3 | | 37A | | |
| 05970 | | XA409 | 77 | | | | | | | | | | TSTR1A | 02 | TSTR0R | 01 | 2 | TT3 | F1 | | 38B | | |
| 07417 | | XA409 | 78 | | XA510 | 05 | | | | 16B | 9 | | TXRS1B | 14 | TFST2R | 01 | 3 | TT3 | F3 | | 38A | | |
| 03498 | | XA409 | 79 | | XA418 | 72 | | | | 16B | 9 | | TBUSYS | 04 | TSTR0R | 01 | 3 | TT3 | F1 | | 39B | | |
| 04432 | | XA409 | 80 | | XA407 | 65 | | | | 16B | 9 | | TFST2R | 01 | TFST2R | 00 | 1 | TT3 | F3 | | 39A | | |
| 06108 | | XA410 | 01 | | | | | | | | | | TTSC1A | 02 | TTSC00 | 01 | 1 | TD4 | A2 | | 02B | | |
| 00620 | | XA410 | 02 | | | | | | | | | | GND | 01 | | | | TD4 | | | 01A | | |
| 00262 | | XA410 | 03 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 06109 | | XA410 | 04 | | XA408 | 01 | | | | 16B | 9 | | TTSC2A | 01 | TTSC00 | 01 | 2 | TD4 | A2 | | 04A | | |
| 06112 | | XA410 | 05 | | | | | | | | | | TTSC3A | 02 | TTSC00 | 01 | 3 | TD4 | A2 | | 03B | | |
| 06577 | | XA410 | 06 | | XA505 | 66 | | | | 16B | 9 | | TWR1RA | 01 | TCRS70 | 01 | 1 | TD4 | A1 | | 05A | | |
| 06113 | | XA410 | 07 | | XA408 | 15 | | | | 16B | 9 | | TTSC4A | 01 | TTSC00 | 01 | 4 | TD4 | A2 | | 03A | | |
| 04714 | | XA410 | 08 | | | | | | | | | | TLRCRA | 02 | TCRS70 | 01 | 2 | TD4 | A1 | | 06A | | |
| 06105 | | XA410 | 09 | | XA524 | 08 | | | | 16B | 9 | | TTSC00 | 01 | TTSC00 | 00 | 1 | TD4 | A2 | | 04B | | |
| 06521 | | XA410 | 10 | | XA418 | 08 | | | | 16B | 9 | | TWRGRA | 01 | TCRS70 | 01 | 3 | TD4 | A1 | | 07A | | |
| 03753 | | XA410 | 11 | | XA412 | 40 | | | | 16B | 9 | | TCRS70 | 01 | TCRS70 | 01 | 1 | TD4 | A1 | | 05B | WRITE TIMING COUNT | |
| 00071 | | XA410 | 12 | | | | | | | | | | +5V | 01 | | | | TD4 | | | | | |
| 07411 | | XA410 | 13 | | XA409 | 05 | | | | 16B | 9 | | TXRS1B | 08 | TCRS70 | 01 | 4 | TD4 | A1 | | 06B | | |
| 03781 | | XA410 | 14 | | XA506 | 59 | | | | 16B | 9 | | TCSD10 | 02 | TRWS4A | 01 | 1 | TD4 | B2 | | 09A | 802 | |
| 00263 | | XA410 | 15 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 00621 | | XA410 | 16 | | | | | | | | | | GND | 01 | | | | TD4 | | | 20R | | |
| 00264 | | XA410 | 17 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 05441 | | XA410 | 18 | | | | | | | | | | TRW0CA | 03 | TRWS4A | 01 | 2 | TD4 | B2 | | 10A | | |
| CONNECTOR XA410 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1290

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA410
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 276

| RECORD NUMBER | FROM | | | SR TO | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------------|------|-------|------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | IDEN | | | | | | | | | | | |
| 05420 | | XA410 | 19 | | XA409 | 17 | | | | | | TRWS0S | 01 | TRWS4A | 01 | 3 | TD4 | B2 | | 09B | | |
| 05788 | | XA410 | 20 | | XA406 | 25 | | | 16B | 9 | | TSCK3B | 71 | TRWS4A | 01 | 4 | TD4 | B2 | | 11A | | |
| 05438 | | XA410 | 21 | | | | | | | | | TRWS4A | 03 | TRWS4A | 00 | 1 | TD4 | B2 | | 10B | | |
| 05964 | | XA410 | 22 | | XA409 | 24 | | | 16B | 9 | | TSTR0S | 01 | TSTR2A | 01 | 1 | TD4 | B1 | | 12A | | |
| 05982 | | XA410 | 23 | | | | | | | | | TSTR2A | 04 | TSTR2A | 00 | 1 | TD4 | B1 | | 11B | | |
| 05918 | | XA410 | 24 | | | | | | | | | TSTPOR | 09 | TSTR2A | 01 | 2 | TD4 | B1 | | 13A | | |
| 03801 | | XA410 | 25 | | XA412 | 30 | | | 16B | 9 | | TCZROO | 05 | TSTR2A | 01 | 3 | TD4 | B1 | | 12B | | |
| 05713 | | XA410 | 26 | | XA406 | 13 | | | 16B | 9 | | TSCK1B | 60 | TSTR2A | 01 | 4 | TD4 | B1 | | 14A | | |
| 00265 | | XA410 | 27 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 00072 | | XA410 | 28 | | | | | | | | | +5V | 01 | | | | TD4 | | | | | |
| 00266 | | XA410 | 29 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 05996 | | XA410 | 30 | | | | | | | | | TSTR3S | 03 | TSTR4A | 01 | 1 | TD4 | C2 | | 15A | | |
| 03516 | | XA410 | 31 | | | | | | | | | TBOTOR | 04 | TSTR4A | 01 | 2 | TD4 | C2 | | 15B | | |
| 00622 | | XA410 | 32 | | | | | | | | | GND | 01 | | | | TD4 | | | 21B | | |
| 05999 | | XA410 | 33 | | | | | | | | | TSTR4A | 03 | TSTR4A | 00 | 1 | TD4 | C2 | | 16B | | |
| 06006 | | XA410 | 34 | | XA408 | 46 | | | 16B | 9 | | TSTR80 | 01 | TSTR4A | 01 | 3 | TD4 | C2 | | 16A | | |
| 03491 | | XA410 | 35 | | XA502 | 34 | | | 16B | 9 | | TBUSYR | 02 | TBUSYR | 00 | 1 | TD4 | C1 | | 17B | | |
| 05709 | | XA410 | 36 | | XA411 | 33 | | | 16B | 9 | | TSCK1B | 56 | TSTR4A | 01 | 4 | TD4 | C2 | | 17A | | |
| 03496 | | XA410 | 37 | | XA409 | 56 | | | 16B | 9 | | TBUSYS | 02 | TBUSYR | 01 | 1 | TD4 | C1 | | 18B | | |
| 04454 | | XA410 | 38 | | XA410 | 52 | | | 16B | 9 | | TINT1A | 01 | TBUSYR | 01 | 2 | TD4 | C1 | | 18A | | |
| 00267 | | XA410 | 39 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 04469 | | XA410 | 40 | | | | | | | | | TINT5A | 05 | TBUSYR | 01 | 3 | TD4 | C1 | | 19A | | |
| 00268 | | XA410 | 41 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 07414 | | XA410 | 42 | | XA410 | 56 | | | 16B | 9 | | TXRS1B | 11 | TBUSYR | 01 | 4 | TD4 | C1 | | 20A | | |
| 05976 | | XA410 | 43 | | XA406 | 64 | | | 16B | 9 | | TSTR1S | 03 | TSTR6A | 01 | 1 | TD4 | D2 | | 23B | | |
| 00623 | | XA410 | 44 | | | | | | | | | GND | 01 | | | | TD4 | | | 27A | | |
| 06002 | | XA410 | 45 | | XA525 | 66 | | | 16B | 9 | | TSTR6A | 03 | TSTR6A | 00 | 1 | TD4 | D2 | | 24B | C03 | |
| 05991 | | XA410 | 46 | | XA407 | 54 | | | 16B | 9 | | TSTR3R | 01 | TSTR6A | 01 | 2 | TD4 | D2 | | 21A | | |
| 05817 | | XA410 | 47 | | XA409 | 60 | | | 16B | 9 | | TSNCOR | 02 | TSNCOR | 00 | 1 | TD4 | D1 | | 25B | | |
| 08062 | | XA410 | 48 | | | | | | | | | TSTR60 | 02 | TSTR6A | 01 | 3 | TD4 | D2 | | 22A | | |
| 05821 | | XA410 | 49 | | XA502 | 30 | | | 16B | 9 | | TSNCOS | 02 | TSNCOR | 01 | 1 | TD4 | D1 | | 26B | | |
| 05707 | | XA410 | 50 | | XA411 | 39 | | | 16B | 9 | | TSCK1B | 54 | TSTR6A | 01 | 4 | TD4 | D2 | | 23A | | |
| 00269 | | XA410 | 51 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 04455 | | XA410 | 52 | | XA510 | 71 | | | 16B | 9 | | TINT1A | 02 | TSNCOR | 01 | 2 | TD4 | D1 | | 24A | | |
| 00270 | | XA410 | 53 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 04468 | | XA410 | 54 | | XA410 | 40 | | | 16B | 9 | | TINT5A | 04 | TSNCOR | 01 | 3 | TD4 | D1 | | 25A | | |
| 04415 | | XA410 | 55 | | | | | | | | | TFSTOR | 02 | TFSTOS | 01 | 1 | TD4 | E2 | | 29B | | |
| 07415 | | XA410 | 56 | | XA409 | 72 | | | 16B | 9 | | TXRS1B | 12 | TSNCOR | 01 | 4 | TD4 | D1 | | 26A | | |
| 04418 | | XA410 | 57 | | XA409 | 52 | | | 16B | 9 | | TFSTOS | 03 | TFSTOS | 00 | 1 | TD4 | E2 | | 30B | FLYING START COUNT | |
| 00624 | | XA410 | 58 | | | | | | | | | GND | 01 | | | | TD4 | | | 40A | | |
| 05922 | | XA410 | 59 | | XA510 | 38 | | | 16B | 9 | | TSTPOS | 04 | TSTPOS | 00 | 1 | TD4 | E1 | | 31B | STOP DELAY BIT 0 | |
| 04413 | | XA410 | 60 | | | | | | | | | TFSTOA | 02 | TFSTOS | 01 | 2 | TD4 | E2 | | 28A | | |
| 05915 | | XA410 | 61 | | XA409 | 29 | | | 16B | 9 | | TSTPOR | 06 | TSTPOS | 01 | 1 | TD4 | E1 | | 32B | | |
| 04869 | | XA410 | 62 | | XA510 | 27 | | | 16B | 9 | | TNSGKA | 01 | TESTOS | 01 | 3 | TD4 | E2 | | 29A | | |
| 00271 | | XA410 | 63 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 04444 | | XA410 | 64 | | | | | | | | | SPI0153 | 10 | TESTOS | 01 | 4 | TD4 | E2 | | 30A | C03 | |
| 00272 | | XA410 | 65 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 04467 | | XA410 | 66 | | XA410 | 54 | | | 16B | 9 | | TINT5A | 03 | TSTPOS | 01 | 2 | TD4 | E1 | | 31A | | |
| 00625 | | XA410 | 67 | | | | | | | | | GND | 01 | | | | TD4 | | | 40B | | |
| 05934 | | XA410 | 68 | | XA409 | 55 | | | 16B | 9 | | TSTP2A | 01 | TSTPOS | 01 | 3 | TD4 | E1 | | 32A | | |
| CONNECTOR XA410 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1291

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA410
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 277

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM FACTOR | OKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO | |
|--|--------|-----------|-----|------|--------|-----------|-----|------|-------------|------|-------|-------|--------|--------|----------|-------------|------------------|-------|---------------------|--------------------|--------------------|--------------------|---------------|
| | PREFIX | CONNECTOR | PIN | DRFC | PREFIX | CONNECTOR | PIN | DRFC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | SPC INST MISC |
| 06557 | | XA410 | 69 | | | | | | | | | | TWRG2S | 05 | TWRG2S | 00 | 1 | TD4 | F2 | | 35A | WRITE DELAY BIT 2 | |
| 05949 | | XA410 | 70 | | | | | | | | | | TSIP4A | 02 | TSIP0S | 01 | 4 | TD4 | F1 | | 33A | | |
| 06550 | | XA410 | 71 | | XA504 | 60 | | | 168 | 9 | | | TWRG2R | 01 | TWRG2S | 01 | 1 | TD4 | F2 | | 36A | | |
| 06560 | | XA410 | 72 | | XA515 | 33 | | | 168 | 9 | | | TWRG4A | 01 | TWRG2S | 01 | 2 | TD4 | F2 | | 34A | | |
| 06564 | | XA410 | 73 | | | | | | | | | | TWRG6A | 03 | TWRG2S | 01 | 3 | TD4 | F2 | | 36B | | |
| 06566 | | XA410 | 74 | | | | | | | | | | TWRG8A | 02 | TWRG2S | 01 | 4 | TD4 | F2 | | 35B | | |
| 04861 | | XA410 | 75 | | | | | | | | | | TNSGDO | 02 | TNSGDA | 01 | 1 | TD4 | F1 | | 37B | | |
| 04858 | | XA410 | 76 | | XA503 | 73 | | | 168 | 9 | | | TNSGDA | 01 | TNSGDA | 00 | 1 | TD4 | F1 | | 37A | | |
| 07209 | | XA410 | 77 | | XA515 | 08 | | | 168 | 9 | | | TXEB1Q | 02 | TNSGDA | 01 | 2 | TD4 | F1 | | 38B | | |
| 04224 | | XA410 | 78 | | XA428 | 66 | | | 168 | 9 | | | TEBZRO | 04 | TNSGDA | 01 | 3 | TD4 | F1 | | 38A | | |
| 05786 | | XA410 | 79 | | XA409 | 18 | | | 168 | 9 | | | TSCK3B | 69 | TNSGDA | 01 | 4 | TD4 | F1 | | 39B | | |
| 00273 | | XA410 | 80 | | | | | | | | | | DNW | 01 | | | | | | | | | |
| 03641 | | XA411 | 01 | | XA413 | 26 | | | 168 | 9 | | | TCCP20 | 01 | TCCP20 | 00 | 1 | TQ2 | A2 | | 02B | | |
| 00626 | | XA411 | 02 | | | | | | | | | | GND | 01 | | | | | | | 01A | | |
| 03872 | | XA411 | 03 | | XA413 | 18 | | | 168 | 9 | | | TC34BP | 01 | TCCP40 | 01 | 1 | TQ2 | A3 | | 02A | | |
| 03839 | | XA411 | 04 | | XA413 | 05 | | | 168 | 9 | | | TC14BP | 01 | TCCP20 | 01 | 1 | TQ2 | A2 | | 04A | | |
| 01223 | | XA411 | 05 | | XA411 | 19 | | | 168 | 9 | | | SPI001 | 16 | TCCP20 | 01 | 2 | TQ2 | A2 | | 03B | | |
| 03634 | | XA411 | 06 | | | | | | | | | | TCCP00 | 06 | TCCP00 | 00 | 1 | TQ2 | A1 | | 05A | MAIN TIMING COUNT | |
| 01222 | | XA411 | 07 | | XA411 | 05 | | | 168 | 9 | | | SPI001 | 15 | TCCP40 | 01 | 2 | TQ2 | A3 | | 03A | | |
| 07053 | | XA411 | 08 | | XA411 | 24 | | | 168 | 9 | | | TXCP3A | 01 | TCCP00 | 01 | 1 | TQ2 | A1 | | 06A | | |
| 03653 | | XA411 | 09 | | XA413 | 42 | | | 168 | 9 | | | TCCP40 | 01 | TCCP40 | 00 | 1 | TQ2 | A3 | | 04B | | |
| 08041 | | XA411 | 10 | | XA412 | 15 | | | 168 | 9 | | | T009SA | 01 | TCCP00 | 01 | 2 | TQ2 | A1 | | 07A | | |
| 03914 | | XA411 | 11 | | XA413 | 34 | | | 168 | 9 | | | TC54BP | 02 | TCCP60 | 01 | 1 | TQ2 | A4 | | 05B | | |
| 00073 | | XA411 | 12 | | | | | | | | | | +5V | 01 | | | | | | | | | |
| 01221 | | XA411 | 13 | | XA411 | 07 | | | 168 | 9 | | | SPI001 | 14 | TCCP60 | 01 | 2 | TQ2 | A4 | | 06B | | |
| 03685 | | XA411 | 14 | | | | | | | | | | TCCP90 | 03 | TCCP90 | 00 | 1 | TQ2 | B2 | | 09A | WRITE TIMING COUNT | |
| 03665 | | XA411 | 15 | | XA413 | 56 | | | 168 | 9 | | | TCCP60 | 01 | TCCP60 | 00 | 1 | TQ2 | A4 | | 07B | MAIN TIMING COUNT | |
| 00627 | | XA411 | 16 | | | | | | | | | | GND | 01 | | | | | | | 01B | | |
| 07037 | | XA411 | 17 | | XA411 | 29 | | | 168 | 9 | | | TXCP1A | 01 | TXCP10 | 01 | 1 | TQ2 | B3 | | 08B | | |
| 04005 | | XA411 | 18 | | XA413 | 68 | | | 168 | 9 | | | TC84BP | 01 | TCCP90 | 01 | 1 | TQ2 | B2 | | 10A | | |
| 01224 | | XA411 | 19 | | XA411 | 20 | | | 168 | 9 | | | SPI001 | 17 | TXCP10 | 01 | 2 | TQ2 | B3 | | 09B | | |
| 01225 | | XA411 | 20 | | XA411 | 26 | | | 168 | 9 | | | SPI001 | 18 | TCCP90 | 01 | 2 | TQ2 | B2 | | 11A | | |
| 07052 | | XA411 | 21 | | | | | | | | | | TXCP10 | 06 | TXCP10 | 00 | 1 | TQ2 | B3 | | 10B | | |
| 03676 | | XA411 | 22 | | | | | | | | | | TCCP70 | 06 | TCCP70 | 00 | 1 | TQ2 | B1 | | 12A | WRITE TIMING COUNT | |
| 07055 | | XA411 | 23 | | XA411 | 53 | | | 168 | 9 | | | TXCP3A | 03 | TXCP30 | 01 | 1 | TQ2 | B4 | | 11B | | |
| 07054 | | XA411 | 24 | | XA411 | 23 | | | 168 | 9 | | | TXCP3A | 02 | TCCP70 | 01 | 1 | TQ2 | B1 | | 13A | | |
| 01227 | | XA411 | 25 | | XA411 | 31 | | | 168 | 9 | | | SPT001 | 20 | TXCP30 | 01 | 2 | TQ2 | B4 | | 12B | | |
| 01226 | | XA411 | 26 | | XA411 | 25 | | | 168 | 9 | | | SPI001 | 19 | TCCP70 | 01 | 2 | TQ2 | B1 | | 14A | | |
| 07065 | | XA411 | 27 | | XA428 | 05 | | | 168 | 9 | | | TXCP30 | 01 | TXCP30 | 00 | 1 | TQ2 | B4 | | 13B | | |
| 00074 | | XA411 | 28 | | | | | | | | | | +5V | 01 | | | | | | | | | |
| 07038 | | XA411 | 29 | | XA411 | 35 | | | 168 | 9 | | | TXCP1A | 02 | TSCM10 | 01 | 1 | TQ2 | C3 | | 14B | | |
| 05712 | | XA411 | 30 | | XA410 | 26 | | | 168 | 9 | | | TSCL10 | 59 | TSCK1B | 01 | 2 | TQ2 | C2 | | 15A | | |
| 05796 | | XA411 | 30 | | | | | | | | | | TSCL10 | 01 | TSCL10 | 00 | 1 | TQ2 | C2 | | 15A | TSCK1B BUSS | |
| 01228 | | XA411 | 31 | | XA411 | 37 | | | 168 | 9 | | | SPI001 | 21 | TSCM10 | 01 | 2 | TQ2 | C3 | | 15B | | |
| 00628 | | XA411 | 32 | | | | | | | | | | GND | 01 | | | | | | | 20B | | |
| 05710 | | XA411 | 33 | | XA411 | 38 | | | 168 | 9 | | | TSCM10 | 57 | TSCK1B | 01 | 3 | TQ2 | C3 | | 16B | | |
| 05802 | | XA411 | 33 | | | | | | | | | | TSCM10 | 01 | TSCM10 | 00 | 1 | TQ2 | C3 | | 16B | TSCK1B BUSS | |
| 07040 | | XA411 | 34 | | XA411 | 40 | | | 168 | 9 | | | TXCP1A | 04 | TSCL10 | 01 | 1 | TQ2 | C2 | | 16A | | |
| CONNECTOR XA411 CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1292

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA411
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 278

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SFC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | GKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-----|--------|-----------|------|-----|-------------|------|---------------|--------|--------|----------|--------|--------|------------------|-------|---------------------|--------------------|--------------------|--------------------|
| | PREFIX | CONNECTOR | PIN | SFC | PREFIX | CONNECTOR | PIN | SFC | MULTI-GROUP | CODE | | | | | | | | | | | | |
| 07039 | | XA411 | 35 | | XA411 | 34 | | | | 16B | 9 | | TXCP1A | 03 | TSCN10 | 01 | 1 | TQ2 | C4 | | 17B | |
| 01239 | | XA411 | 36 | | XA409 | 37 | | | | 16B | 9 | | SPI001 | 32 | TSC110 | 01 | 2 | TQ2 | C2 | | 17A | |
| 01229 | | XA411 | 37 | | XA411 | 43 | | | | 16B | 9 | | SPI001 | 22 | TSCN10 | 01 | 2 | TQ2 | C4 | | 18B | |
| 05711 | | XA411 | 38 | | XA411 | 30 | | | | 16B | 9 | P | TSC10 | 58 | TSC1B | 01 | 1 | TQ2 | C1 | | 18A | PHASE 1 OF 2 PHASE |
| 05717 | | XA411 | 38 | | | | | | | | | J | TSC10 | 01 | TSC10 | 00 | 1 | TQ2 | C1 | | 18A | TSC1B BUSS |
| 05708 | | XA411 | 39 | | XA410 | 36 | | | | 16B | 9 | P | TSCN10 | 55 | TSC1B | 01 | 4 | TQ2 | C4 | | 19B | |
| 05804 | | XA411 | 39 | | | | | | | | | J | TSCN10 | 01 | TSCN10 | 00 | 1 | TQ2 | C4 | | 19B | TSC1B BUSS |
| 07041 | | XA411 | 40 | | XA411 | 41 | | | | 16B | 9 | | TXCP1A | 05 | TSC10 | 01 | 1 | TQ2 | C1 | | 19A | |
| 07042 | | XA411 | 41 | | XA411 | 47 | | | | 16B | 9 | | TXCP1A | 06 | TSCR10 | 01 | 1 | TQ2 | D3 | | 22B | |
| 01238 | | XA411 | 42 | | XA411 | 36 | | | | 16B | 9 | | SPI001 | 31 | TSC10 | 01 | 2 | TQ2 | C1 | | 20A | |
| 01230 | | XA411 | 43 | | XA411 | 49 | | | | 16B | 9 | | SPI001 | 23 | TSCR10 | 01 | 2 | TQ2 | D3 | | 23B | |
| 00629 | | XA411 | 44 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 21B | |
| 05794 | | XA411 | 45 | | XA411 | 46 | | | | 16B | 9 | P | TSCR10 | 33 | TSC1B | 01 | 3 | TQ2 | D3 | | 24B | |
| 05810 | | XA411 | 45 | | | | | | | | | J | TSCR10 | 01 | TSCR10 | 00 | 1 | TQ2 | D3 | | 24B | TSC1B BUSS |
| 05795 | | XA411 | 46 | | | | | | | | | P | TSCQ10 | 34 | TSC1B | 01 | 2 | TQ2 | D2 | | 21A | |
| 05808 | | XA411 | 46 | | | | | | | | | J | TSCQ10 | 01 | TSCQ10 | 00 | 1 | TQ2 | D2 | | 21A | TSC1B BUSS |
| 07043 | | XA411 | 47 | | XA411 | 48 | | | | 16B | 9 | | TXCP1A | 07 | TSCS10 | 01 | 1 | TQ2 | D4 | | 25B | |
| 07044 | | XA411 | 48 | | XA411 | 54 | | | | 16B | 9 | | TXCP1A | 08 | TSCQ10 | 01 | 1 | TQ2 | D2 | | 22A | |
| 01231 | | XA411 | 49 | | XA411 | 50 | | | | 16B | 9 | | SPI001 | 24 | TSCS10 | 01 | 2 | TQ2 | D4 | | 26B | |
| 01232 | | XA411 | 50 | | XA411 | 56 | | | | 16B | 9 | | SPI001 | 25 | TSCQ10 | 01 | 2 | TQ2 | D2 | | 23A | |
| 05793 | | XA411 | 51 | | XA411 | 45 | | | | 16B | 9 | P | TSCS10 | 32 | TSC1B | 01 | 4 | TQ2 | D4 | | 27B | |
| 05812 | | XA411 | 51 | | | | | | | | | J | TSCS10 | 01 | TSCS10 | 00 | 1 | TQ2 | D4 | | 27B | TSC1B BUSS |
| 05792 | | XA411 | 52 | | XA411 | 51 | | | | 16B | 9 | P | TSCP10 | 31 | TSC1B | 01 | 1 | TQ2 | D1 | | 24A | |
| 05806 | | XA411 | 52 | | | | | | | | | J | TSCP10 | 01 | TSCP10 | 00 | 1 | TQ2 | D1 | | 24A | TSC1B BUSS |
| 07056 | | XA411 | 53 | | XA411 | 59 | | | | 16B | 9 | | TXCP3A | 04 | TSCM30 | 01 | 1 | TQ2 | E3 | | 28B | |
| 07045 | | XA411 | 54 | | XA412 | 69 | | | | 16B | 9 | | TXCP1A | 09 | TSCP10 | 01 | 1 | TQ2 | D1 | | 25A | |
| 01234 | | XA411 | 55 | | XA411 | 61 | | | | 16B | 9 | | SPI001 | 27 | TSCM30 | 01 | 2 | TQ2 | E3 | | 29B | |
| 01233 | | XA411 | 56 | | XA411 | 55 | | | | 16B | 9 | | SPI001 | 26 | TSCP10 | 01 | 2 | TQ2 | D1 | | 26A | |
| 05779 | | XA411 | 57 | | XA411 | 63 | | | | 16B | 9 | P | TSCM30 | 62 | TSC3B | 01 | 3 | TQ2 | E3 | | 30B | |
| 05803 | | XA411 | 57 | | | | | | | | | J | TSCM30 | 01 | TSCM30 | 00 | 1 | TQ2 | E3 | | 30B | TSC3B BUSS |
| 00630 | | XA411 | 58 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 27A | |
| 07057 | | XA411 | 59 | | XA411 | 62 | | | | 16B | 9 | | TXCP3A | 05 | TSCN30 | 01 | 1 | TQ2 | F4 | | 31B | |
| 05778 | | XA411 | 60 | | XA411 | 57 | | | | 16B | 9 | P | TSC130 | 61 | TSC3B | 01 | 2 | TQ2 | E2 | | 28A | |
| 05801 | | XA411 | 60 | | | | | | | | | J | TSC130 | 01 | TSC130 | 00 | 1 | TQ2 | E2 | | 28A | TSC3B BUSS |
| 01235 | | XA411 | 61 | | XA411 | 64 | | | | 16B | 9 | | SPI001 | 28 | TSCN30 | 01 | 2 | TQ2 | E4 | | 32B | |
| 07058 | | XA411 | 62 | | XA411 | 68 | | | | 16B | 9 | | TXCP3A | 06 | TSC130 | 01 | 1 | TQ2 | E2 | | 29A | |
| 05780 | | XA411 | 63 | | XA411 | 66 | | | | 16B | 9 | P | TSCN30 | 63 | TSC3B | 01 | 4 | TQ2 | E4 | | 33B | |
| 05805 | | XA411 | 63 | | | | | | | | | J | TSCN30 | 01 | TSCN30 | 00 | 1 | TQ2 | E4 | | 33B | TSC3B BUSS |
| 01236 | | XA411 | 64 | | XA411 | 70 | | | | 16B | 9 | | SPI001 | 29 | TSC130 | 01 | 2 | TQ2 | E2 | | 30A | |
| 07060 | | XA411 | 65 | | XA411 | 71 | | | | 16B | 9 | | TXCP3A | 08 | TSCR30 | 01 | 1 | TQ2 | E3 | | 34B | |
| 05781 | | XA411 | 66 | | XA409 | 62 | | | | 16B | 9 | P | TSC30 | 64 | TSC3B | 01 | 1 | TQ2 | E1 | | 31A | PHASE 3 OF 2 PHASE |
| 05791 | | XA411 | 66 | | | | | | | | | J | TSC30 | 01 | TSC30 | 00 | 1 | TQ2 | E1 | | 31A | TSC3B BUSS B05 |
| 00631 | | XA411 | 67 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 40A | |
| 07059 | | XA411 | 68 | | XA411 | 65 | | | | 16B | 9 | | TXCP3A | 07 | TSC30 | 01 | 1 | TQ2 | E1 | | 32A | |
| 05799 | | XA411 | 69 | | XA411 | 75 | | | | 16B | 9 | P | TSCR30 | 38 | TSC1B | 01 | 3 | TQ2 | F3 | | 35A | |
| 05811 | | XA411 | 69 | | | | | | | | | J | TSCR30 | 01 | TSCR30 | 00 | 1 | TQ2 | F3 | | 35A | TSC1B BUSS |
| 01237 | | XA411 | 70 | | XA411 | 42 | | | | 16B | 9 | | SPI001 | 30 | TSC30 | 01 | 2 | TQ2 | E1 | | 33A | |
| 07061 | | XA411 | 71 | | XA411 | 77 | | | | 16B | 9 | | TXCP3A | 09 | TSCQ30 | 01 | 1 | TQ2 | F2 | | 36A | |
| 05798 | | XA411 | 72 | | XA411 | 69 | | | | 16B | 9 | P | TSCQ30 | 37 | TSC1B | 01 | 2 | TQ2 | F2 | | 34A | |
| 05809 | | XA411 | 72 | | | | | | | | | J | TSCQ30 | 01 | TSCQ30 | 00 | 1 | TQ2 | F2 | | 34A | TSC1B BUSS |
| CONNECTOR XA411 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1293

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA411
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 279

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | TO PIN | PREFIX | CONNECTOR | PIN | TO PIN | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 01302 | | XA411 | 73 | | | XA411 | 74 | | | 16B | 9 | | SPI004 | 02 | TSCQ30 | 01 | 2 | TQ2 | F2 | | 36B | | |
| 01303 | | XA411 | 74 | | | XA411 | 78 | | | 16B | 9 | | SPI004 | 03 | TSCR30 | 01 | 2 | TQ2 | F3 | | 35B | | |
| 05800 | | XA411 | 75 | | | | | | | | | | TSCP30 | 39 | TSC13B | 01 | 1 | TQ2 | F1 | | 37B | | |
| 05807 | | XA411 | 75 | | | | | | | | | | TSCP30 | 01 | TSCP30 | 00 | 1 | TQ2 | F1 | | 37B | TSC13B BUSS | |
| 07063 | | XA411 | 76 | | | XA412 | 80 | | | 16B | 9 | | TXCP3A | 11 | TSCS30 | 01 | 1 | TQ2 | F4 | | 37A | | |
| 07062 | | XA411 | 77 | | | XA411 | 76 | | | 16B | 9 | | TXCP3A | 10 | TSCP30 | 01 | 1 | TQ2 | F1 | | 38B | | |
| 01304 | | XA411 | 78 | | | XA412 | 79 | | | 16B | 9 | | SPI004 | 04 | TSCS30 | 01 | 2 | TQ2 | F4 | | 38A | | |
| 01301 | | XA411 | 79 | | | XA411 | 73 | | | 16B | 9 | | SPI004 | 01 | TSCP30 | 01 | 2 | TQ2 | F1 | | 39B | | |
| 05797 | | XA411 | 80 | | | XA411 | 72 | | | 16B | 9 | | TSCS30 | 36 | TSC13B | 01 | 4 | TQ2 | F4 | | 39A | | |
| 05813 | | XA411 | 80 | | | | | | | | | | TSCS30 | 01 | TSCS30 | 00 | 1 | TQ2 | F4 | | 39A | TSC13B BUSS | |
| 03652 | | XA412 | 01 | | | | | | | | | | TCCP30 | 06 | TCCP30 | 00 | 1 | TQ2 | A2 | | 02B | | |
| 00632 | | XA412 | 02 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01A | | |
| 03891 | | XA412 | 03 | | | XA413 | 40 | | | 16B | 9 | | TC448P | 01 | TCCP50 | 01 | 1 | TQ2 | A3 | | 02A | | |
| 03853 | | XA412 | 04 | | | XA413 | 24 | | | 16B | 9 | | TC248P | 01 | TCCP30 | 01 | 1 | TQ2 | A2 | | 04A | | |
| 01322 | | XA412 | 05 | | | XA412 | 07 | | | 16B | 9 | | SPI004 | 22 | TCCP30 | 01 | 2 | TQ2 | A2 | | 03B | | |
| 03640 | | XA412 | 06 | | | | | | | | | | TCCP10 | 06 | TCCP10 | 00 | 1 | TQ2 | A1 | | 05A | | |
| 01323 | | XA412 | 07 | | | XA412 | 10 | | | 16B | 9 | | SPI004 | 23 | TCCP50 | 01 | 2 | TQ2 | A3 | | 03A | | |
| 03822 | | XA412 | 08 | | | XA413 | 08 | | | 16B | 9 | | TC048P | 01 | TCCP10 | 01 | 1 | TQ2 | A1 | | 06A | | |
| 03664 | | XA412 | 09 | | | | | | | | | | TCCP50 | 06 | TCCP50 | 00 | 1 | TQ2 | A3 | | 04B | | |
| 01324 | | XA412 | 10 | | | XA413 | 06 | | | 16B | 9 | | SPI004 | 24 | TCCP10 | 01 | 2 | TQ2 | A1 | | 07A | | |
| 03930 | | XA412 | 11 | | | XA416 | 49 | | | 16B | 9 | | TC638Q | 01 | T009SA | 01 | 1 | TQ2 | A4 | | 05B | | |
| 00075 | | XA412 | 12 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 03933 | | XA412 | 13 | | | XA417 | 47 | | | 16B | 9 | | TC648P | 01 | T009SA | 01 | 2 | TQ2 | A4 | | 06B | | |
| 03695 | | XA412 | 14 | | | | | | | | | | TCR50A | 01 | TCR50A | 00 | 1 | TQ2 | B2 | | 09A | TCR50B BUSS | |
| 03709 | | XA412 | 14 | | | XA413 | 15 | | | 16B | 9 | | TCR50A | 14 | TCR50B | 01 | 1 | TQ2 | B2 | | 09A | | |
| 08042 | | XA412 | 15 | | | XA508 | 79 | | | 16B | 9 | | T009SA | 02 | T009SA | 00 | 1 | TQ2 | A4 | | 07B | MAIN COUNT 9S | |
| 00633 | | XA412 | 16 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01B | | |
| 03736 | | XA412 | 17 | | | XA412 | 23 | | | 16B | 9 | | TCRS00 | 03 | TCRS1A | 01 | 1 | TQ2 | B3 | | 08B | | |
| 03735 | | XA412 | 18 | | | XA412 | 17 | | | 16B | 9 | | TCRS00 | 02 | TCRS0A | 01 | 1 | TQ2 | B2 | | 10A | | |
| 01321 | | XA412 | 19 | | | XA412 | 05 | | | 16B | 9 | | SPI004 | 21 | TCRS1A | 01 | 2 | TQ2 | B3 | | 09B | | |
| 01320 | | XA412 | 20 | | | XA412 | 19 | | | 16B | 9 | | SPI004 | 20 | TCRS0A | 01 | 2 | TQ2 | B2 | | 11A | | |
| 03712 | | XA412 | 21 | | | XA412 | 27 | | | 16B | 9 | | TCRS1A | 17 | TCRS0B | 01 | 2 | TQ2 | B3 | | 10B | | |
| 03738 | | XA412 | 21 | | | | | | | | | | TCRS1A | 01 | TCRS1A | 00 | 1 | TQ2 | B3 | | 10B | TCR50B BUSS | |
| 03677 | | XA412 | 22 | | | XA413 | 70 | | | 16B | 9 | | TCCP80 | 01 | TCCP80 | 00 | 1 | TQ2 | B1 | | 12A | | |
| 03737 | | XA412 | 23 | | | | | | | | | | TCRS00 | 04 | TCRS2A | 01 | 1 | TQ2 | B4 | | 11B | | |
| 03965 | | XA412 | 24 | | | XA413 | 48 | | | 16B | 9 | | TC748P | 01 | TCCP80 | 01 | 1 | TQ2 | B1 | | 13A | | |
| 01318 | | XA412 | 25 | | | XA412 | 26 | | | 16B | 9 | | SPI004 | 18 | TCRS2A | 01 | 2 | TQ2 | B4 | | 12B | | |
| 01319 | | XA412 | 26 | | | XA412 | 20 | | | 16B | 9 | | SPI004 | 19 | TCCP80 | 01 | 2 | TQ2 | B1 | | 14A | | |
| 03713 | | XA412 | 27 | | | XA413 | 27 | | | 16B | 9 | | TCRS2A | 18 | TCRS0B | 01 | 3 | TQ2 | B4 | | 13B | | |
| 03739 | | XA412 | 27 | | | | | | | | | | TCRS2A | 01 | TCRS2A | 00 | 1 | TQ2 | B4 | | 13B | TCR50B BUSS | |
| 00076 | | XA412 | 28 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 03804 | | XA412 | 29 | | | | | | | | | | TCZR1A | 02 | TCZR10 | 01 | 1 | TQ2 | C3 | | 14B | | |
| 03802 | | XA412 | 30 | | | | | | | | | | TCZR00 | 06 | TCZR00 | 00 | 1 | TQ2 | C2 | | 15A | | |
| 01317 | | XA412 | 31 | | | XA412 | 25 | | | 16B | 9 | | SPI004 | 17 | TCZR10 | 01 | 2 | TQ2 | C3 | | 15B | | |
| 00634 | | XA412 | 32 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 20B | | |
| 03805 | | XA412 | 33 | | | XA418 | 25 | | | 16B | 9 | | TCZR10 | 01 | TCZR10 | 00 | 1 | TQ2 | C3 | | 16B | | |
| 03796 | | XA412 | 34 | | | | | | | | | | TCZR0A | 02 | TCZR00 | 01 | 1 | TQ2 | C2 | | 16A | | |
| 03490 | | XA412 | 35 | | | XA410 | 35 | | | 16B | 9 | | TBUSYR | 01 | TBUSYS | 01 | 1 | TQ2 | C4 | | 17B | | |
| CONNECTOR XA412 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA412
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 280

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH TC | PREFIX | CONNECTOR | PIN | SH TC | MULTI GROUP | CODE | COLOR | IDEN | | | | | | | | | | | |
| 01316 | | XA412 | 36 | | | XA412 | 31 | | | 16B | 9 | | SPI004 | 16 | TCZRO0 | 01 | 2 | T02 | C2 | | 17A | | |
| 03480 | | XA412 | 37 | | | XA502 | 23 | | | 16B | 9 | | T8SY0A | 01 | TBUSYS | 01 | 2 | T02 | C4 | | 18B | B08 | |
| 03743 | | XA412 | 38 | | | XA413 | 41 | | | 16B | 9 | | TCRS7A | 04 | TCRS7A | 00 | 1 | T02 | C1 | | 18A | | |
| 03495 | | XA412 | 39 | | | XA410 | 37 | | | 16B | 9 | | TBUSYS | 01 | TBUSYS | 00 | 1 | T02 | C4 | | 19B | TAPE MOTION BUSY F | |
| 03754 | | XA412 | 40 | | | | | | | | | | TCRS70 | 02 | TCRS7A | 01 | 1 | T02 | C1 | | 19A | | |
| 05816 | | XA412 | 41 | | | XA410 | 47 | | | 16B | 9 | | TSNCOR | 01 | TSNCOS | 01 | 1 | T02 | D3 | | 22B | | |
| 01315 | | XA412 | 42 | | | XA412 | 36 | | | 16B | 9 | | SPI004 | 15 | TCRS7A | 01 | 2 | T02 | C1 | | 20A | | |
| 03760 | | XA412 | 43 | | | XA525 | 09 | | | 16B | 9 | | TCSD0A | 01 | TSNCOS | 01 | 2 | T02 | D3 | | 23B | | |
| 00635 | | XA412 | 44 | | | | | | | | | | GND | 01 | | | | | | | 21B | | |
| 05820 | | XA412 | 45 | | | XA410 | 49 | | | 16B | 9 | | TSNCOS | 01 | TSNCOS | 00 | 1 | T02 | D3 | | 24B | INPUT SYNC COUNTER | |
| 05015 | | XA412 | 46 | | | XA425 | 04 | | | 16B | 9 | | TRDCCA | 03 | TRDCAB | 01 | 2 | T02 | D2 | | 21A | | |
| 05032 | | XA412 | 46 | | | | | | | | | P | TRDCCA | 01 | TRDCCA | 00 | 1 | T02 | D2 | | 21A | TRDCAB BUSS | |
| 03687 | | XA412 | 47 | | | | | | | | | | TCILKA4 | 02 | TCILKO | 01 | 1 | T02 | D4 | | 25B | | |
| 05029 | | XA412 | 48 | | | XA412 | 54 | | | 16B | 9 | | TRDCC0 | 01 | TRDCCA | 01 | 1 | T02 | D2 | | 22A | | |
| 01313 | | XA412 | 49 | | | XA412 | 50 | | | 16B | 9 | | SPI004 | 13 | TCILKO | 01 | 2 | T02 | D4 | | 26B | | |
| 01314 | | XA412 | 50 | | | XA412 | 42 | | | 16B | 9 | | SPI004 | 14 | TRDCCA | 01 | 2 | T02 | D2 | | 23A | | |
| 03690 | | XA412 | 51 | | | XA406 | 17 | | | 16B | 9 | | TCILKO | 01 | TCILKO | 00 | 1 | T02 | D4 | | 27B | CABLE INTERLOCK RE | |
| 05014 | | XA412 | 52 | | | XA412 | 46 | | | 16B | 9 | | TRDCCA | 02 | TRDCAB | 01 | 1 | T02 | D1 | | 24A | | |
| 05028 | | XA412 | 52 | | | | | | | | | J | TRDCCA | 01 | TRDCCA | 00 | 1 | T02 | D1 | | 24A | TRDCAB BUSS | |
| 05366 | | XA412 | 53 | | | | | | | | | | TRTD2A | 02 | TRTD20 | 01 | 1 | T02 | E3 | | 28B | | |
| 05030 | | XA412 | 54 | | | XA439 | 63 | | | 16B | 9 | | TRDCC0 | 02 | TRDCCA | 01 | 1 | T02 | D1 | | 25A | | |
| 01312 | | XA412 | 55 | | | XA412 | 49 | | | 16B | 9 | | SPI004 | 12 | TRTD20 | 01 | 2 | T02 | E3 | | 29B | | |
| 01311 | | XA412 | 56 | | | XA412 | 55 | | | 16B | 9 | | SPI004 | 11 | TRDCCA | 01 | 2 | T02 | D1 | | 26A | | |
| 05375 | | XA412 | 57 | | | | | | | | | | TRTD20 | 09 | TRTD20 | 00 | 1 | T02 | E3 | | 30B | | |
| 00636 | | XA412 | 58 | | | | | | | | | | GND | 01 | | | | | | | 27A | | |
| 05377 | | XA412 | 59 | | | | | | | | | | TRTD3A | 02 | TRTD30 | 01 | 1 | T02 | E4 | | 31B | | |
| 05364 | | XA412 | 60 | | | | | | | | | | TRTD10 | 09 | TRTD10 | 00 | 1 | T02 | E2 | | 28A | | |
| 01309 | | XA412 | 61 | | | XA412 | 64 | | | 16B | 9 | | SPI004 | 09 | TRTD30 | 01 | 2 | T02 | E4 | | 32B | | |
| 05354 | | XA412 | 62 | | | XA504 | 23 | | | 16B | 9 | | TRTD1A | 01 | TRTD10 | 01 | 1 | T02 | E2 | | 29A | | |
| 05386 | | XA412 | 63 | | | | | | | | | | TRTD30 | 09 | TRTD30 | 00 | 1 | T02 | E4 | | 33B | | |
| 01310 | | XA412 | 64 | | | XA412 | 56 | | | 16B | 9 | | SPI004 | 10 | TRTD10 | 01 | 2 | T02 | E2 | | 30A | | |
| 08025 | | XA412 | 65 | | | XA416 | 57 | | | 16B | 9 | | TX1MAP | 01 | TXCP1A | 01 | 1 | T02 | F3 | | 34B | | |
| 05332 | | XA412 | 66 | | | XA504 | 01 | | | 16B | 9 | | TRTDC0 | 02 | TRTDC0 | 00 | 1 | T02 | E1 | | 31A | | |
| 00637 | | XA412 | 67 | | | | | | | | | | GND | 01 | | | | | | | 40A | | |
| 05057 | | XA412 | 68 | | | XA425 | 59 | | | 16B | 9 | | TREADP | 03 | TRTDC0 | 01 | 1 | T02 | E1 | | 32A | | |
| 07046 | | XA412 | 69 | | | | | | | | | | TXCP1A | 10 | TXCP1A | 00 | 1 | T02 | F3 | | 35A | CLOCK PHASE 1 | |
| 01308 | | XA412 | 70 | | | XA412 | 61 | | | 16B | 9 | | SPI004 | 08 | TRTDC0 | 01 | 2 | T02 | E1 | | 33A | | |
| 04553 | | XA412 | 71 | | | XA513 | 59 | | | 16B | 9 | | TKC01P | 02 | TKC29A | 01 | 1 | T02 | F2 | | 36A | | |
| 04563 | | XA412 | 72 | | | | | | | | | | TKC29A | 02 | TKC29A | 00 | 1 | T02 | F2 | | 34A | | |
| 04560 | | XA412 | 73 | | | XA513 | 55 | | | 16B | 9 | | TKC020 | 01 | TKC29A | 01 | 2 | T02 | F2 | | 36B | | |
| 08034 | | XA412 | 74 | | | | | | | | | | TX1MBQ | 02 | TXCP1A | 01 | 2 | T02 | F3 | | 35B | | |
| 04498 | | XA412 | 75 | | | XA503 | 05 | | | 16B | 9 | | TKA010 | 01 | TKA010 | 00 | 1 | T02 | F1 | | 37B | | |
| 08029 | | XA412 | 76 | | | | | | | | | | TX1MAQ | 03 | TXCP3A | 01 | 1 | T02 | F4 | | 37A | | |
| 04485 | | XA412 | 77 | | | XA502 | 50 | | | 16B | 9 | | TKA01P | 01 | TKA010 | 01 | 1 | T02 | F1 | | 38B | | |
| 08030 | | XA412 | 78 | | | XA416 | 62 | | | 16B | 9 | | TX1MBP | 01 | TXCP3A | 01 | 2 | T02 | F4 | | 38A | | |
| 01305 | | XA412 | 79 | | | XA413 | 80 | | | 16B | 9 | | SPI004 | 05 | TKA010 | 01 | 2 | T02 | F1 | | 39B | | |
| 07064 | | XA412 | 80 | | | | | | | | | | TXCP3A | 12 | TXCP3A | 00 | 1 | T02 | F4 | | 39A | CLOCK PHASE 3 | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA413
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 281

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|--------|--------|----------|--------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FC | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 03639 | | XA413 | 01 | | XA412 | 06 | | | | 16B | 9 | | TCCP10 | 05 | TC108N | 01 | 1 | TDD | BN | 02B | | |
| 00638 | | XA413 | 02 | | | | | | | | | | GND | 01 | | | | TDD | | 01B | | |
| 03696 | | XA413 | 03 | | XA414 | 03 | | | | 16B | 9 | | TCSR08 | 01 | TC108Q | 01 | 1 | TDD | BQ | 02A | | |
| 01242 | | XA413 | 04 | | XA414 | 04 | | | | 16B | 9 | | SPI002 | 01 | TC108P | 01 | 1 | TDD | BP | 04A | | |
| 03840 | | XA413 | 05 | | XA417 | 09 | | | | 16B | 9 | | TC148P | 02 | TC108I | 01 | 1 | TDD | BI | 03B | | |
| 01325 | | XA413 | 06 | | XA414 | 06 | | | | 16B | 9 | | SPI004 | 25 | TC008P | 01 | 1 | TDD | AP | 05A | | |
| 03829 | | XA413 | 07 | | | | | | | | | | TC108Q | 03 | TC108Q | 00 | 1 | TDD | BQ | 03A | | |
| 03823 | | XA413 | 08 | | XA417 | 11 | | | | 16B | 9 | | TC048P | 02 | TC008I | 01 | 1 | TDD | AI | 06A | | |
| 08194 | | XA413 | 09 | | | | | | | | | M | TC108P | 01 | TC108P | 00 | 1 | TDD | BP | 04B | | |
| 03633 | | XA413 | 10 | | XA411 | 06 | | | | 16B | 9 | | TCCP00 | 05 | TC008N | 01 | 1 | TDD | AN | 07A | | |
| 08190 | | XA413 | 11 | | | | | | | | | M | TC008P | 01 | TC008P | 00 | 1 | TDD | AP | 05B | | |
| 00077 | | XA413 | 12 | | | | | | | | | | +5V | 01 | | | | TDD | | | | |
| 03813 | | XA413 | 13 | | XA414 | 08 | | | | 16B | 9 | | TC008Q | 01 | TC008Q | 00 | 1 | TDD | AQ | 06B | | |
| 03651 | | XA413 | 14 | | XA412 | 01 | | | | 16B | 9 | | TCCP30 | 05 | TC308N | 01 | 1 | TDD | DN | 09A | | |
| 03710 | | XA413 | 15 | | XA413 | 17 | | | | 16B | 9 | | TCSR08 | 15 | TC008Q | 01 | 1 | TDD | AQ | 07B | | |
| 00639 | | XA413 | 16 | | | | | | | | | | GND | 01 | | | | TDD | | 20B | | |
| 03711 | | XA413 | 17 | | XA412 | 21 | | | | 16B | 9 | | TCSR08 | 16 | TC308Q | 01 | 1 | TDD | DQ | 08B | | |
| 03873 | | XA413 | 18 | | XA417 | 21 | | | | 16B | 9 | | TC348P | 02 | TC308I | 01 | 1 | TDD | DI | 10A | | |
| 03862 | | XA413 | 19 | | | | | | | | | | TC308Q | 03 | TC308Q | 00 | 1 | TDD | DQ | 09B | | |
| 01249 | | XA413 | 20 | | XA413 | 64 | | | | 16B | 9 | | SPI002 | 08 | TC308P | 01 | 1 | TDD | DP | 11A | | A03 |
| 03859 | | XA413 | 21 | | | | | | | | | | SPI | | TC308P | 00 | 1 | TDD | DP | 10B | | C05 |
| 01327 | | XA413 | 22 | | XA413 | 38 | | | | 16B | 9 | | SPI004 | 27 | TC208P | 01 | 1 | TDD | CP | 12A | | |
| 08197 | | XA413 | 23 | | | | | | | | | M | TC208P | 01 | TC208P | 00 | 1 | TDD | CP | 11B | | |
| 03854 | | XA413 | 24 | | XA417 | 23 | | | | 16B | 9 | | TC248P | 02 | TC208I | 01 | 1 | TDD | CI | 13A | | |
| 03846 | | XA413 | 25 | | | | | | | | | | TC208Q | 03 | TC208Q | 00 | 1 | TDD | CO | 12B | | |
| 03642 | | XA413 | 26 | | XA414 | 26 | | | | 16B | 9 | | TCCP20 | 02 | TC208N | 01 | 1 | TDD | CN | 14A | | |
| 03714 | | XA413 | 27 | | XA413 | 29 | | | | 16B | 9 | | TCSR08 | 19 | TC208Q | 01 | 1 | TDD | CO | 13B | | |
| 00078 | | XA413 | 28 | | | | | | | | | | +5V | 01 | | | | TDD | | | | |
| 03715 | | XA413 | 29 | | XA414 | 29 | | | | 16B | 9 | | TCSR08 | 20 | TC508Q | 01 | 1 | TDD | FQ | 14B | | |
| 03663 | | XA413 | 30 | | XA412 | 09 | | | | 16B | 9 | | TCCP50 | 05 | TC508N | 01 | 1 | TDD | FN | 15A | | |
| 03902 | | XA413 | 31 | | | | | | | | | | TC508Q | 03 | TC508Q | 00 | 1 | TDD | FQ | 15B | | |
| 00640 | | XA413 | 32 | | | | | | | | | | GND | 01 | | | | TDD | | 21B | | |
| 03898 | | XA413 | 33 | | | | | | | | | M | TC508P | 01 | TC508P | 00 | 1 | TDD | FP | 16B | | B05 |
| 03915 | | XA413 | 34 | | XA417 | 33 | | | | 16B | 9 | | TC548P | 03 | TC508I | 01 | 1 | TDD | ET | 16A | | |
| 03880 | | XA413 | 35 | | XA515 | 40 | | | | 16B | 9 | | TC408P | 03 | TC408P | 00 | 1 | TDD | EP | 17B | | C05 |
| 01261 | | XA413 | 36 | | XA414 | 36 | | | | 16B | 9 | | SPI002 | 20 | TC508P | 01 | 1 | TDD | EP | 17A | | |
| 03881 | | XA413 | 37 | | XA414 | 40 | | | | 16B | 9 | | TC408Q | 01 | TC408Q | 00 | 1 | TDD | EQ | 18B | | |
| 01328 | | XA413 | 38 | | XA413 | 52 | | | | 16B | 9 | | SPI004 | 28 | TC408P | 01 | 1 | TDD | EP | 18A | | |
| 03728 | | XA413 | 39 | | XA413 | 51 | | | | 16B | 9 | | TCSR08 | 33 | TC408Q | 01 | 1 | TDD | EQ | 19B | | |
| 03892 | | XA413 | 40 | | XA417 | 35 | | | | 16B | 9 | | TC448P | 02 | TC408I | 01 | 1 | TDD | ET | 19A | | |
| 03744 | | XA413 | 41 | | XA414 | 41 | | | | 16B | 9 | | TCSR7A | 05 | TC708Q | 01 | 1 | TDD | HQ | 22B | | |
| 03654 | | XA413 | 42 | | XA414 | 42 | | | | 16B | 9 | | TCCP40 | 02 | TC408N | 01 | 1 | TDD | FN | 20A | | |
| 03939 | | XA413 | 43 | | XA414 | 48 | | | | 16B | 9 | | TC708Q | 01 | TC708Q | 00 | 1 | TDD | HQ | 23B | | |
| 00641 | | XA413 | 44 | | | | | | | | | | GND | 01 | | | | TDD | | 27A | | |
| 08210 | | XA413 | 45 | | | | | | | | | M | TC708P | 01 | TC708P | 00 | 1 | TDD | HP | 24B | | |
| 03675 | | XA413 | 46 | | XA411 | 22 | | | | 16B | 9 | | TCCP70 | 05 | TC708N | 01 | 1 | TDD | HN | 21A | | |
| 08208 | | XA413 | 47 | | | | | | | | | | TC608P | 02 | TC608P | 00 | 1 | TDD | GP | 25B | | B08 |
| 03966 | | XA413 | 48 | | XA417 | 45 | | | | 16B | 9 | | TC748P | 02 | TC708I | 01 | 1 | TDD | HT | 22A | | |
| 03921 | | XA413 | 49 | | | | | | | | | | TC608Q | 03 | TC608Q | 00 | 1 | TDD | GQ | 26B | | |
| 01260 | | XA413 | 50 | | XA413 | 36 | | | | 16B | 9 | | SPI002 | 19 | TC708P | 01 | 1 | TDD | HP | 23A | | |
| CONNECTOR XA413 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA413
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 282

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|---------------------------------|-------|--------|-----------|-----|-------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|-------------|----|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FC | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | AND | OR | | |
| 03729 | | XA413 | 51 | | XA414 | 51 | | | 168 | 9 | | | TCSR08 | 34 | TC60BQ | 01 | 1 | TDD | GO | | 27B | | | |
| 01329 | | XA413 | 52 | | XA420 | 30 | | | 168 | 9 | | | SPI004 | 29 | TC60BP | 01 | 1 | TDD | GP | | 24A | | | |
| 03747 | | XA413 | 53 | | XA413 | 63 | | | 168 | 9 | | | TCSR7A | 08 | TC90BQ | 01 | 1 | TDD | KQ | | 28B | | | |
| 03935 | | XA413 | 54 | | | | | | 168 | 9 | | | TC64BP | 03 | TC60BI | 01 | 1 | TDD | GI | | 25A | | | |
| 04015 | | XA413 | 55 | | XA414 | 62 | | | 168 | 9 | | | TC90BQ | 01 | TC90BQ | 00 | 1 | TDD | KQ | | 29B | | | |
| 03666 | | XA413 | 56 | | XA414 | 56 | | | 168 | 9 | | | TCCP60 | 02 | TC60BN | 01 | 1 | TDD | GN | | 26A | | | |
| 04012 | | XA413 | 57 | | XA502 | 55 | | | 168 | 9 | | | TC90BP | 01 | TC90BP | 00 | 1 | TDD | KP | | 30B | | | |
| 00642 | | XA413 | 58 | | | | | | | | | | GND | 01 | | | | TDD | | | 40A | | | |
| 03974 | | XA413 | 59 | | | | | | | | | | TC80BP | 04 | TC80BP | 00 | 1 | TDD | JP | | 31B | | | |
| 03684 | | XA413 | 60 | | XA411 | 14 | | | 168 | 9 | | | TCCP90 | 02 | TC90BN | 01 | 1 | TDD | KN | | 28A | | | |
| 03975 | | XA413 | 61 | | XA414 | 68 | | | 168 | 9 | | | TC80BQ | 01 | TC80BQ | 00 | 1 | TDD | JQ | | 32B | | | |
| 04021 | | XA413 | 62 | | XA527 | 46 | | | 168 | 9 | | | TC91BP | 02 | TC90BI | 01 | 1 | TDD | KI | | 29A | | | |
| 03748 | | XA413 | 63 | | XA414 | 63 | | | 168 | 9 | | | TCSR7A | 09 | TC80BQ | 01 | 1 | TDD | JQ | | 33B | | | |
| 01254 | | XA413 | 64 | | XA414 | 64 | | | 168 | 9 | | | SPI002 | 13 | TC90BP | 01 | 1 | TDD | KP | | 30A | | | |
| 07999 | | XA413 | 65 | | XA430 | 50 | | | 168 | 9 | | | TX0D3A | 01 | TLPTOQ | 01 | 1 | TDD | MQ | | 34B | | | |
| 01307 | | XA413 | 66 | | XA412 | 70 | | | 168 | 9 | | | SPI004 | 07 | TC80BP | 01 | 1 | TDD | JP | | 31A | | | |
| 00643 | | XA413 | 67 | | | | | | | | | | GND | 01 | | | | TDD | | | 40B | | | |
| 04006 | | XA413 | 68 | | XA417 | 69 | | | 168 | 9 | | | TC84BP | 02 | TC80BI | 01 | 1 | TDD | JJ | | 32A | | | |
| 08255 | | XA413 | 69 | | | | | | | | M | | TLPTOP | 01 | TLPTOP | 00 | 1 | TDD | MP | | 35A | | | |
| 03678 | | XA413 | 70 | | XA414 | 70 | | | 168 | 9 | | | TCCP80 | 02 | TC80BN | 01 | 1 | TDD | JN | | 33A | | | |
| 07251 | | XA413 | 71 | | XA415 | 71 | | | 168 | 9 | | | TXGN4A | 01 | TLPTOI | 01 | 1 | TDD | MI | | 36A | | | |
| 04671 | | XA413 | 72 | | | | | | | | | | TLPT1A | 11 | TLPTON | 01 | 1 | TDD | MN | | 34A | | | |
| 07454 | | XA413 | 73 | | XA517 | 07 | | | 168 | 9 | | | TXRS2B | 19 | TLPTOP | 01 | 1 | TDD | MP | | 36B | | | |
| 04660 | | XA413 | 74 | | | | | | | | | | TLPT0Q | 02 | TLPTOQ | 00 | 1 | TDD | MQ | | 35B | | LOOP TEST COUNT BY | |
| 05013 | | XA413 | 75 | | XA412 | 52 | | | 168 | 9 | | | TRDCAB | 01 | TREWIP | 01 | 1 | TDD | LP | | 37B | | | |
| 05180 | | XA413 | 76 | | XA407 | 17 | | | 168 | 9 | | | TREWIP | 02 | TREWIP | 00 | 1 | TDD | LP | | 37A | | | |
| 07301 | | XA413 | 77 | | | | | | | | | | TXIRCO | 03 | TREWI I | 01 | 1 | TDD | LI | | 38B | | | |
| 08292 | | XA413 | 78 | | | | | | | | M | | TREWIQ | 01 | TREWIQ | 00 | 1 | TDD | LQ | | 38A | | REWIND/INTERRUPT C | |
| 07182 | | XA413 | 79 | | XA518 | 05 | | | 168 | 9 | | | TXDV1B | 37 | TREWIN | 01 | 1 | TDD | LN | | 39B | | | |
| 01306 | | XA413 | 80 | | XA413 | 66 | | | 168 | 9 | | | SPI004 | 06 | TREWIQ | 01 | 1 | TDD | LQ | | 39A | | | |
| 03638 | | XA414 | 01 | | XA413 | 01 | | | 168 | 9 | | | TCCP10 | 04 | TC11BN | 01 | 1 | TDD | BN | | 02B | | | |
| 00644 | | XA414 | 02 | | | | | | | | | | GND | 01 | | | | TDD | | | 01B | | | |
| 03697 | | XA414 | 03 | | XA415 | 03 | | | 168 | 9 | | | TCSR08 | 02 | TC11BQ | 01 | 1 | TDD | BQ | | 02A | | | |
| 01243 | | XA414 | 04 | | XA415 | 04 | | | 168 | 9 | | | SPI002 | 02 | TC11BP | 01 | 1 | TDD | BP | | 04A | | | |
| 03828 | | XA414 | 05 | | XA413 | 07 | | | 168 | 9 | | | TC10BQ | 02 | TC11BI | 01 | 1 | TDD | BI | | 03B | | | |
| 01326 | | XA414 | 06 | | XA413 | 22 | | | 168 | 9 | | | SPI004 | 26 | TC01BP | 01 | 1 | TDD | AP | | 05A | | | |
| 03831 | | XA414 | 07 | | | | | | | | | | TC11BQ | 02 | TC11BQ | 00 | 1 | TDD | BQ | | 03A | | | |
| 03814 | | XA414 | 08 | | XA418 | 14 | | | 168 | 9 | | | TC00BQ | 02 | TC01BI | 01 | 1 | TDD | AI | | 06A | | | |
| 08195 | | XA414 | 09 | | | | | | | | M | | TC11BP | 01 | TC11BP | 00 | 1 | TDD | BP | | 04B | | | |
| 03632 | | XA414 | 10 | | XA413 | 10 | | | 168 | 9 | | | TCCP00 | 04 | TC01BN | 01 | 1 | TDD | AN | | 07A | | | |
| 08191 | | XA414 | 11 | | | | | | | | M | | TC01BP | 01 | TC01BP | 00 | 1 | TDD | AP | | 05B | | | |
| 00079 | | XA414 | 12 | | | | | | | | | | +5V | 01 | | | | TDD | | | | | | |
| 03817 | | XA414 | 13 | | | | | | | | | | TC01BQ | 02 | TC01BQ | 00 | 1 | TDD | AQ | | 06B | | | |
| 03650 | | XA414 | 14 | | XA413 | 14 | | | 168 | 9 | | | TCCP30 | 04 | TC31BN | 01 | 1 | TDD | DN | | 09A | | | |
| 03708 | | XA414 | 15 | | XA412 | 14 | | | 168 | 9 | | | TCSR08 | 13 | TC01BQ | 01 | 1 | TDD | AQ | | 07B | | | |
| 00645 | | XA414 | 16 | | | | | | | | | | GND | 01 | | | | TDD | | | 20B | | | |
| 03707 | | XA414 | 17 | | XA414 | 15 | | | 168 | 9 | | | TCSR08 | 12 | TC31BQ | 01 | 1 | TDD | DO | | 08B | | | |
| 03861 | | XA414 | 18 | | XA413 | 19 | | | 168 | 9 | | | TC30BQ | 02 | TC31BI | 01 | 1 | TDD | DI | | 10A | | | |
| CONNECTOR | | XA414 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

H78-14 1297

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA414
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 283

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|----|--------|-----------|-----|----|-------------|------|-------|-------|--------|--------|----------|------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | OR | PREFIX | CONNECTOR | PIN | OR | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 03864 | | XA414 | 19 | | | | | | | | | | TC31BQ | 02 | TC31BQ | 00 | 1 | TDD | DQ | | 09B | | |
| 01248 | | XA414 | 20 | | XA413 | 20 | | | | 16B | 9 | | SPI002 | 07 | TC31BP | 01 | 1 | TDD | DP | | 11A | | |
| 08201 | | XA414 | 21 | | XA519 | 03 | | | | 16B | 9 | | TC31BP | 01 | TC31BP | 00 | 1 | TDD | DP | | 10B | C03 | |
| 01338 | | XA414 | 22 | | XA414 | 38 | | | | 16B | 9 | | SPI005 | 08 | TC21BP | 01 | 1 | TDD | CP | | 12A | | |
| 08198 | | XA414 | 23 | | | | | | | | | M | TC21BP | 01 | TC21BP | 00 | 1 | TDD | CP | | 11B | | |
| 03845 | | XA414 | 24 | | XA413 | 25 | | | | 16B | 9 | | TC20BQ | 02 | TC21BT | 01 | 1 | TDD | CT | | 13A | | |
| 03848 | | XA414 | 25 | | | | | | | | | | TC21BQ | 02 | TC21BQ | 00 | 1 | TDD | CQ | | 12B | | |
| 03643 | | XA414 | 26 | | XA415 | 26 | | | | 16B | 9 | | TCCP20 | 03 | TC21BN | 01 | 1 | TDD | CN | | 14A | | |
| 03717 | | XA414 | 27 | | XA415 | 27 | | | | 16B | 9 | | TCSR0B | 22 | TC21BQ | 01 | 1 | TDD | CQ | | 13B | | |
| 00080 | | XA414 | 28 | | | | | | | | | | +5V | 01 | | | | | | | | | |
| 03716 | | XA414 | 29 | | XA414 | 27 | | | | 16B | 9 | | TCSR0B | 21 | TC51BQ | 01 | 1 | TDD | FQ | | 14B | | |
| 03662 | | XA414 | 30 | | XA413 | 30 | | | | 16B | 9 | | TCCP50 | 04 | TC51BN | 01 | 1 | TDD | FN | | 15A | | |
| 03905 | | XA414 | 31 | | | | | | | | | | TC51BQ | 03 | TC51BQ | 00 | 1 | TDD | FO | | 15B | | |
| 00646 | | XA414 | 32 | | | | | | | | | | GND | 01 | | | | | | | 21B | | |
| 08206 | | XA414 | 33 | | XA407 | 41 | | | | 16B | 9 | | TC51BP | 01 | TC51BP | 00 | 1 | TDD | FP | | 16B | B05 | |
| 03901 | | XA414 | 34 | | XA413 | 31 | | | | 16B | 9 | | TC50BQ | 02 | TC51BT | 01 | 1 | TDD | FI | | 16A | | |
| 08203 | | XA414 | 35 | | XA525 | 46 | | | | 16B | 9 | | TC41BP | 01 | TC41BP | 00 | 1 | TDD | EP | | 17B | C03 | |
| 01262 | | XA414 | 36 | | XA415 | 36 | | | | 16B | 9 | | SPI002 | 21 | TC51BP | 01 | 1 | TDD | EP | | 17A | | |
| 03886 | | XA414 | 37 | | | | | | | | | | TC41BQ | 03 | TC41BQ | 00 | 1 | TDD | EQ | | 18B | | |
| 01339 | | XA414 | 38 | | XA415 | 38 | | | | 16B | 9 | | SPI005 | 09 | TC41BP | 01 | 1 | TDD | EP | | 18A | | |
| 03727 | | XA414 | 39 | | XA413 | 39 | | | | 16B | 9 | | TCSR0B | 32 | TC41BQ | 01 | 1 | TDD | EQ | | 19B | | |
| 03882 | | XA414 | 40 | | XA418 | 34 | | | | 16B | 9 | | TC40BQ | 02 | TC41BT | 01 | 1 | TDD | FI | | 19A | | |
| 03745 | | XA414 | 41 | | XA414 | 53 | | | | 16B | 9 | | TCSR7A | 06 | TC71BQ | 01 | 1 | TDD | HQ | | 22B | | |
| 03655 | | XA414 | 42 | | XA415 | 42 | | | | 16B | 9 | | TCCP40 | 03 | TC41BN | 01 | 1 | TDD | FN | | 20A | | |
| 03946 | | XA414 | 43 | | XA509 | 35 | | | | 16B | 9 | | TC71BQ | 02 | TC71BQ | 00 | 1 | TDD | HQ | | 23B | | |
| 00647 | | XA414 | 44 | | | | | | | | | | GND | 01 | | | | | | | 27A | | |
| 08211 | | XA414 | 45 | | | | | | | | | M | TC71BP | 01 | TC71BP | 00 | 1 | TDD | HP | | 24B | | |
| 03674 | | XA414 | 46 | | XA413 | 46 | | | | 16B | 9 | | TCCP70 | 04 | TC71BN | 01 | 1 | TDD | HN | | 21A | | |
| 03923 | | XA414 | 47 | | | | | | | | | M | TC61BP | 01 | TC61BP | 00 | 1 | TDD | GP | | 25B | B08 | |
| 03940 | | XA414 | 48 | | XA521 | 01 | | | | 16B | 9 | | TC70BQ | 02 | TC71BT | 01 | 1 | TDD | HI | | 22A | | |
| 03925 | | XA414 | 49 | | | | | | | | | | TC61BQ | 02 | TC61BQ | 00 | 1 | TDD | GO | | 26B | | |
| 01259 | | XA414 | 50 | | XA413 | 50 | | | | 16B | 9 | | SPI002 | 18 | TC71BP | 01 | 1 | TDD | HP | | 23A | | |
| 03730 | | XA414 | 51 | | XA415 | 51 | | | | 16B | 9 | | TCSR0B | 35 | TC61BQ | 01 | 1 | TDD | GO | | 27B | | |
| 01346 | | XA414 | 52 | | XA414 | 66 | | | | 16B | 9 | | SPI005 | 16 | TC61BP | 01 | 1 | TDD | GP | | 24A | | |
| 03746 | | XA414 | 53 | | XA413 | 53 | | | | 16B | 9 | | TCSR7A | 07 | TC91BQ | 01 | 1 | TDD | KQ | | 28B | | |
| 03920 | | XA414 | 54 | | XA413 | 49 | | | | 16B | 9 | | TC60BQ | 02 | TC61BT | 01 | 1 | TDD | GI | | 25A | | |
| 04027 | | XA414 | 55 | | | | | | | | | | TC91BQ | 04 | TC91BQ | 00 | 1 | TDD | KQ | | 29B | WRITE TIMING COUNT | |
| 03667 | | XA414 | 56 | | XA415 | 56 | | | | 16B | 9 | | TCCP60 | 03 | TC61BN | 01 | 1 | TDD | GN | | 26A | | |
| 04020 | | XA414 | 57 | | XA413 | 62 | | | | 16B | 9 | | TC91BP | 01 | TC91BP | 00 | 1 | TDD | KP | | 30B | | |
| 00648 | | XA414 | 58 | | | | | | | | | | GND | 01 | | | | | | | 40A | | |
| 03981 | | XA414 | 59 | | | | | | | | | M | TC81BP | 01 | TC81BP | 00 | 1 | TDD | JP | | 31B | B05 | |
| 03683 | | XA414 | 60 | | XA413 | 60 | | | | 16B | 9 | | TCCP90 | 01 | TC91BN | 01 | 1 | TDD | KN | | 28A | | |
| 03988 | | XA414 | 61 | | | | | | | | | | TC81BQ | 05 | TC81BQ | 00 | 1 | TDD | JO | | 32B | B05 | |
| 04016 | | XA414 | 62 | | XA521 | 07 | | | | 16B | 9 | | TC90BQ | 02 | TC91BT | 01 | 1 | TDD | KI | | 29A | | |
| 03749 | | XA414 | 63 | | XA415 | 63 | | | | 16B | 9 | | TCSR7A | 10 | TC81BQ | 01 | 1 | TDD | JQ | | 33B | | |
| 01255 | | XA414 | 64 | | XA416 | 50 | | | | 16B | 9 | | SPI002 | 14 | TC91BP | 01 | 1 | TDD | KP | | 30A | | |
| 01348 | | XA414 | 65 | | XA415 | 66 | | | | 16B | 9 | | SPI005 | 18 | TLPT1Q | 01 | 1 | TDD | MQ | | 34B | | |
| 01347 | | XA414 | 66 | | XA414 | 65 | | | | 16B | 9 | | SPI005 | 17 | TC81BP | 01 | 1 | TDD | JP | | 31A | | |
| 00649 | | XA414 | 67 | | | | | | | | | | GND | 01 | | | | | | | 40B | | |
| 03976 | | XA414 | 68 | | XA521 | 05 | | | | 16B | 9 | | TC80BQ | 02 | TC81BT | 01 | 1 | TDD | JT | | 32A | | |
| CONNECTOR XA414 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1298

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA414
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 284

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | MULTI GROUP | CODE | COLOR | IDENT | EQUIPMENT | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|------|-----|-----|-------------|------|-------|-------|-----------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|---------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | BRG | BRG | BRG | | | | | | | | | | | | | | | | |
| 08256 | | XA414 | 69 | | | | | | | | | | | M | TLPT1P | 01 | TLPT1P | 00 | 1 | TDD | MP | | 35A | | |
| 03679 | | XA414 | 70 | | XA415 | 70 | | | | 16B | 9 | | | | TCCP80 | 03 | TC81BN | 01 | 1 | TDD | JN | | 33A | | |
| 04659 | | XA414 | 71 | | XA413 | 74 | | | | 16B | 9 | | | | TLPT0Q | 01 | TLPT1I | 01 | 1 | TDD | MI | | 36A | | |
| 07051 | | XA414 | 72 | | XA411 | 21 | | | | 16B | 9 | | | | TXCP10 | 05 | TLPT1N | 01 | 1 | TDD | MN | | 34A | | |
| 07453 | | XA414 | 73 | | XA413 | 73 | | | | 16B | 9 | | | | TXRS2B | 18 | TLPT1P | 01 | 1 | TDD | MP | | 36B | | |
| 04673 | | XA414 | 74 | | | | | | | | | | | | TLPT1Q | 02 | TLPT1Q | 00 | 1 | TDD | MQ | | 35B | LOOP TEST COUNT B I | |
| 05464 | | XA414 | 75 | | XA522 | 60 | | | | 16B | 9 | | | | TRW22A | 01 | TREW2P | 01 | 1 | TDD | LP | | 37B | | |
| 05193 | | XA414 | 76 | | XA537 | 64 | | | | 16B | 9 | | | | TREW2P | 01 | TREW2P | 00 | 1 | TDD | LP | | 37A | | |
| 05468 | | XA414 | 77 | | XA537 | 60 | | | | 16B | 9 | | | | TRW290 | 01 | TREW2I | 01 | 1 | TDD | LI | | 38B | | |
| 05196 | | XA414 | 78 | | | | | | | | | | | | TREW2Q | 02 | TREW2Q | 00 | 1 | TDD | LQ | | 38A | REWINDING 2 REMEM | |
| 07181 | | XA414 | 79 | | XA413 | 79 | | | | 16B | 9 | | | | TXDV1B | 36 | TREW2N | 01 | 1 | TDD | LN | | 39B | | |
| 07450 | | XA414 | 80 | | XA415 | 73 | | | | 16B | 9 | | | | TXRS2B | 15 | TREW2Q | 01 | 1 | TDD | LQ | | 39A | | |
| 03637 | | XA415 | 01 | | XA414 | 01 | | | | 16B | 9 | | | | TCCP10 | 03 | TC128N | 01 | 1 | TDD | BN | | 02B | | |
| 00650 | | XA415 | 02 | | | | | | | | | | | | GND | 01 | | | | TDD | | | 01B | | |
| 03698 | | XA415 | 03 | | XA416 | 03 | | | | 16B | 9 | | | | TCRS0B | 03 | TC1280 | 01 | 1 | TDD | BQ | | 02A | | |
| 01244 | | XA415 | 04 | | XA416 | 04 | | | | 16B | 9 | | | | SPI002 | 03 | TC128P | 01 | 1 | TDD | BP | | 04A | | |
| 03830 | | XA415 | 05 | | XA414 | 07 | | | | 16B | 9 | | | | TC118Q | 01 | TC128I | 01 | 1 | TDD | BI | | 03B | | |
| 01331 | | XA415 | 06 | | XA416 | 06 | | | | 16B | 9 | | | | SPI005 | 01 | TC028P | 01 | 1 | TDD | AP | | 05A | | |
| 03834 | | XA415 | 07 | | XA416 | 05 | | | | 16B | 9 | | | | TC128Q | 01 | TC128Q | 00 | 1 | TDD | BQ | | 03A | | |
| 03816 | | XA415 | 08 | | XA414 | 13 | | | | 16B | 9 | | | | TC018Q | 01 | TC028I | 01 | 1 | TDD | AI | | 06A | | |
| 03833 | | XA415 | 09 | | | | | | | | | | | | TC128P | 02 | TC128P | 00 | 1 | TDD | BP | | 04B | | B05 |
| 03631 | | XA415 | 10 | | XA414 | 10 | | | | 16B | 9 | | | | TCCP00 | 03 | TC028N | 01 | 1 | TDD | AN | | 07A | | |
| 08192 | | XA415 | 11 | | | | | | | | | | | | TC028P | 01 | TC028P | 00 | 1 | TDD | AP | | 05B | | |
| 00081 | | XA415 | 12 | | | | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 03818 | | XA415 | 13 | | XA416 | 08 | | | | 16B | 9 | | | | TC028Q | 01 | TC028Q | 00 | 1 | TDD | AQ | | 06B | | |
| 03649 | | XA415 | 14 | | XA414 | 14 | | | | 16B | 9 | | | | TCCP30 | 03 | TC328N | 01 | 1 | TDD | DN | | 09A | | |
| 03705 | | XA415 | 15 | | XA415 | 17 | | | | 16B | 9 | | | | TCRS0B | 10 | TC028Q | 01 | 1 | TDD | AQ | | 07B | | |
| 00651 | | XA415 | 16 | | | | | | | | | | | | GND | 01 | | | | TDD | | | 20B | | |
| 03706 | | XA415 | 17 | | XA414 | 17 | | | | 16B | 9 | | | | TCRS0B | 11 | TC328Q | 01 | 1 | TDD | DQ | | 08B | | |
| 03863 | | XA415 | 18 | | XA414 | 19 | | | | 16B | 9 | | | | TC318Q | 01 | TC328I | 01 | 1 | TDD | DI | | 10A | | |
| 03867 | | XA415 | 19 | | XA416 | 18 | | | | 16B | 9 | | | | TC328Q | 01 | TC328Q | 00 | 1 | TDD | DQ | | 09B | | |
| 01247 | | XA415 | 20 | | XA414 | 20 | | | | 16B | 9 | | | | SPI002 | 06 | TC328P | 01 | 1 | TDD | DP | | 11A | | |
| 03866 | | XA415 | 21 | | | | | | | | | | | | TC328P | 02 | TC328P | 00 | 1 | TDD | DP | | 10B | | |
| 01337 | | XA415 | 22 | | XA414 | 22 | | | | 16B | 9 | | | | SPI005 | 07 | TC228P | 01 | 1 | TDD | CP | | 12A | | |
| 08199 | | XA415 | 23 | | | | | | | | | | | | TC228P | 01 | TC228P | 00 | 1 | TDD | CP | | 11B | | |
| 03847 | | XA415 | 24 | | XA414 | 25 | | | | 16B | 9 | | | | TC218Q | 01 | TC228I | 01 | 1 | TDD | CI | | 13A | | |
| 03849 | | XA415 | 25 | | XA416 | 24 | | | | 16B | 9 | | | | TC228Q | 01 | TC228Q | 00 | 1 | TDD | CO | | 12B | | |
| 03644 | | XA415 | 26 | | XA416 | 26 | | | | 16B | 9 | | | | TCCP20 | 04 | TC228N | 01 | 1 | TDD | CN | | 14A | | |
| 03718 | | XA415 | 27 | | XA415 | 29 | | | | 16B | 9 | | | | TCRS0B | 23 | TC228Q | 01 | 1 | TDD | CO | | 13B | | |
| 00082 | | XA415 | 28 | | | | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 03719 | | XA415 | 29 | | XA416 | 29 | | | | 16B | 9 | | | | TCRS0B | 24 | TC528Q | 01 | 1 | TDD | FQ | | 14B | | |
| 03661 | | XA415 | 30 | | XA414 | 30 | | | | 16B | 9 | | | | TCCP50 | 03 | TC528N | 01 | 1 | TDD | FN | | 15A | | |
| 03909 | | XA415 | 31 | | XA407 | 43 | | | | 16B | 9 | | | | TC528Q | 02 | TC528Q | 00 | 1 | TDD | FQ | | 15B | | B05 |
| 00652 | | XA415 | 32 | | | | | | | | | | | | GND | 01 | | | | TDD | | | 21B | | |
| 03906 | | XA415 | 33 | | XA519 | 11 | | | | 16B | 9 | | | | TC528P | 01 | TC528P | 00 | 1 | TDD | FP | | 16B | | |
| 03904 | | XA415 | 34 | | XA414 | 31 | | | | 16B | 9 | | | | TC518Q | 02 | TC528I | 01 | 1 | TDD | EI | | 16A | | |
| 08204 | | XA415 | 35 | | XA519 | 04 | | | | 16B | 9 | | | | TC428P | 01 | TC428P | 00 | 1 | TDD | EP | | 17B | | B05 |
| 01263 | | XA415 | 36 | | XA416 | 36 | | | | 16B | 9 | | | | SPI002 | 22 | TC528P | 01 | 1 | TDD | EP | | 17A | | |
| CONNECTOR XA415 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1299

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA414
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 285

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CXT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-----|--------|-----------|-----|-----|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | USE | PREFIX | CONNECTOR | PIN | USE | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 03888 | | XA415 | 37 | | | | | | | | | | TC42BQ | 02 | TC42BQ | 00 | 1 | TDD | EQ | | 18B | | |
| 01340 | | XA415 | 38 | | | XA416 | 38 | | | 16B | 9 | | SPI005 | 10 | TC42BP | 01 | 1 | TDD | EP | | 18A | | |
| 03726 | | XA415 | 39 | | | XA414 | 39 | | | 16B | 9 | | TCSR0B | 31 | TC42BQ | 01 | 1 | TDD | EQ | | 19B | | |
| 03885 | | XA415 | 40 | | | XA414 | 37 | | | 16B | 9 | | TC41BQ | 02 | TC42BT | 01 | 1 | TDD | ET | | 19A | | |
| 03742 | | XA415 | 41 | | | XA412 | 38 | | | 16B | 9 | | TCSR7A | 03 | TC72BQ | 01 | 1 | TDD | HQ | | 22B | | |
| 03656 | | XA415 | 42 | | | XA416 | 42 | | | 16B | 9 | | TCCP40 | 04 | TC42BN | 01 | 1 | TDD | FN | | 20A | | |
| 03956 | | XA415 | 43 | | | | | | | | | | TC72BQ | 04 | TC72BQ | 00 | 1 | TDD | HQ | | 23B | | |
| 00653 | | XA415 | 44 | | | | | | | | | | GND | 01 | | | | TDD | | | 27A | | |
| 03951 | | XA415 | 45 | | | | | | | | | | TC72BP | 03 | TC72BP | 00 | 1 | TDD | HP | | 24B | | |
| 03673 | | XA415 | 46 | | | XA414 | 46 | | | 16B | 9 | | TCCP70 | 03 | TC72BN | 01 | 1 | TDD | HN | | 21A | | |
| 08209 | | XA415 | 47 | | | | | | | | | M | TC62BP | 01 | TC62BP | 00 | 1 | TDD | GP | | 25B | | |
| 03945 | | XA415 | 48 | | | XA414 | 43 | | | 16B | 9 | | TC71BQ | 01 | TC72BT | 01 | 1 | TDD | HT | | 22A | | |
| 03927 | | XA415 | 49 | | | | | | | | | | TC62BQ | 02 | TC62BQ | 00 | 1 | TDD | GQ | | 26B | | |
| 01257 | | XA415 | 50 | | | XA415 | 53 | | | 16B | 9 | | SPI002 | 16 | TC72BP | 01 | 1 | TDD | HP | | 23A | | |
| 03731 | | XA415 | 51 | | | XA416 | 51 | | | 16B | 9 | | TCSR0B | 36 | TC62BQ | 01 | 1 | TDD | GQ | | 27B | | |
| 01345 | | XA415 | 52 | | | XA414 | 52 | | | 16B | 9 | | SPI005 | 15 | TC62BP | 01 | 1 | TDD | GP | | 24A | | |
| 01258 | | XA415 | 53 | | | XA414 | 50 | | | 16B | 9 | | SPI002 | 17 | TCSD2Q | 01 | 1 | TDD | KQ | | 28B | | |
| 03924 | | XA415 | 54 | | | XA414 | 49 | | | 16B | 9 | | TC61BQ | 01 | TC62BT | 01 | 1 | TDD | GT | | 25A | | |
| 03789 | | XA415 | 55 | | | | | | | | | | TCSD2Q | 03 | TCSD2Q | 00 | 1 | TDD | KQ | | 29B | INPUT DELAY COUNT | |
| 03668 | | XA415 | 56 | | | XA416 | 56 | | | 16B | 9 | | TCCP60 | 04 | TC62BN | 01 | 1 | TDD | GN | | 26A | | |
| 03786 | | XA415 | 57 | | | | | | | | | | TCSD2P | 03 | TCSD2P | 00 | 1 | TDD | KP | | 30B | | |
| 00654 | | XA415 | 58 | | | | | | | | | | GND | 01 | | | | TDD | | | 40A | | |
| 03990 | | XA415 | 59 | | | | | | | | | M | TC82BP | 01 | TC82BP | 00 | 1 | TDD | JP | | 31B | C03 | |
| 05777 | | XA415 | 60 | | | XA411 | 60 | | | 16B | 9 | | TSCK3B | 60 | TCSD2N | 01 | 1 | TDD | KN | | 28A | | |
| 03996 | | XA415 | 61 | | | | | | | | | | TC82BQ | 03 | TC82BQ | 00 | 1 | TDD | JQ | | 32B | | |
| 03778 | | XA415 | 62 | | | XA417 | 61 | | | 16B | 9 | | TCSD1Q | 01 | TCSD2I | 01 | 1 | TDD | KT | | 29A | | |
| 03750 | | XA415 | 63 | | | XA416 | 63 | | | 16B | 9 | | TCSR7A | 11 | TC82BQ | 01 | 1 | TDD | JQ | | 33B | | |
| 03757 | | XA415 | 64 | | | | | | | | | | TCSDRA | 03 | TCSD2P | 01 | 1 | TDD | KP | | 30A | | |
| 04670 | | XA415 | 65 | | | XA413 | 72 | | | 16B | 9 | | TLPT1A | 10 | TLPT2Q | 01 | 1 | TDD | MQ | | 34B | | |
| 01349 | | XA415 | 66 | | | XA416 | 65 | | | 16B | 9 | | SPI005 | 19 | TC82BP | 01 | 1 | TDD | JP | | 31A | | |
| 00655 | | XA415 | 67 | | | | | | | | | | GND | 01 | | | | TDD | | | 40B | | |
| 03987 | | XA415 | 68 | | | XA414 | 61 | | | 16B | 9 | | TC81BQ | 04 | TC82BT | 01 | 1 | TDD | JT | | 32A | | |
| 08257 | | XA415 | 69 | | | | | | | | | M | TLPT2P | 01 | TLPT2P | 00 | 1 | TDD | MP | | 35A | | |
| 03680 | | XA415 | 70 | | | XA416 | 70 | | | 16B | 9 | | TCCP80 | 04 | TC82BN | 01 | 1 | TDD | JN | | 33A | | |
| 07252 | | XA415 | 71 | | | XA420 | 50 | | | 16B | 9 | | TXGN4A | 02 | TLPT2I | 01 | 1 | TDD | MI | | 36A | | |
| 04691 | | XA415 | 72 | | | XA418 | 61 | | | 16B | 9 | | TLPT5A | 09 | TLPT2N | 01 | 1 | TDD | MN | | 34A | | |
| 07451 | | XA415 | 73 | | | XA416 | 73 | | | 16B | 9 | | TXRS2B | 16 | TLPT2P | 01 | 1 | TDD | MP | | 36B | | |
| 04675 | | XA415 | 74 | | | | | | | | | | TLPT2Q | 02 | TLPT2Q | 00 | 1 | TDD | MQ | | 35B | LOOP TEST COUNT 8 | |
| 05474 | | XA415 | 75 | | | XA522 | 57 | | | 16B | 9 | | TRW32A | 01 | TREW3P | 01 | 1 | TDD | LP | | 37B | | |
| 05210 | | XA415 | 76 | | | XA537 | 55 | | | 16B | 9 | | TREW3P | 01 | TREW3P | 00 | 1 | TDD | LP | | 37A | | |
| 05478 | | XA415 | 77 | | | XA537 | 57 | | | 16B | 9 | | TRW390 | 01 | TREW3I | 01 | 1 | TDD | LI | | 38B | | |
| 05213 | | XA415 | 78 | | | | | | | | | | TREW3Q | 02 | TREW3Q | 00 | 1 | TDD | LO | | 38A | REWINDING 3 REMEM | |
| 07180 | | XA415 | 79 | | | XA414 | 79 | | | 16B | 9 | | TXOV1B | 35 | TREW3N | 01 | 1 | TDD | LN | | 39B | | |
| 07449 | | XA415 | 80 | | | XA414 | 80 | | | 16B | 9 | | TXRS2B | 14 | TREW3Q | 01 | 1 | TDD | LO | | 39A | | |
| 03636 | | XA416 | 01 | | | XA415 | 01 | | | 16B | 9 | | TCCP10 | 02 | TC13BN | 01 | 1 | TDD | BN | | 02B | | |
| 00656 | | XA416 | 02 | | | | | | | | | | GND | 01 | | | | TDD | | | 01B | | |
| 03699 | | XA416 | 03 | | | XA417 | 03 | | | 16B | 9 | | TCSR0B | 04 | TC13BQ | 01 | 1 | TDD | BQ | | 02A | | |
| 01245 | | XA416 | 04 | | | XA416 | 20 | | | 16B | 9 | | SPI002 | 04 | TC13BP | 01 | 1 | TDD | BP | | 04A | | |
| CONNECTOR XA416 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1300

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA416
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 286

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SPEC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|---------------------------------|-----|--------|-----------|-----|-------|-------------|------|-------|----------------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SH FT | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 08256 | | XA414 | 69 | | | | | | | | | TLPT1P | 01 | TLPT1P | 00 | 1 | TDD | MP | | 35A | | |
| 03679 | | XA414 | 70 | | XA415 | 70 | | | 16B | 9 | | TCCP80 | 03 | TC81BN | 01 | 1 | TDD | JN | | 33A | | |
| 04659 | | XA414 | 71 | | XA413 | 74 | | | 16B | 9 | | TLPT00 | 01 | TLPT1I | 01 | 1 | TDD | MI | | 36A | | |
| 07051 | | XA414 | 72 | | XA411 | 21 | | | 16B | 9 | | TXCP10 | 05 | TLPT1N | 01 | 1 | TDD | MN | | 34A | | |
| 07453 | | XA414 | 73 | | XA413 | 73 | | | 16B | 9 | | TXRS2B | 18 | TLPT1P | 01 | 1 | TDD | MP | | 36B | | |
| 04673 | | XA414 | 74 | | | | | | | | | TLPT1Q | 02 | TLPT1Q | 00 | 1 | TDD | MO | | 35B | LOOP TEST COUNT B | |
| 05454 | | XA414 | 75 | | XA522 | 60 | | | 16B | 9 | | TRW22A | 01 | TREW2P | 01 | 1 | TDD | LP | | 37B | | |
| 05193 | | XA414 | 76 | | XA537 | 64 | | | 16B | 9 | | TREW2P | 01 | TREW2P | 00 | 1 | TDD | LP | | 37A | | |
| 05468 | | XA414 | 77 | | XA537 | 60 | | | 16B | 9 | | TRW290 | 01 | TREW2I | 01 | 1 | TDD | LI | | 38B | | |
| 05196 | | XA414 | 78 | | | | | | | | | TREW2Q | 02 | TREW2Q | 00 | 1 | TDD | LQ | | 38A | REWINDING 2 REMEMB | |
| 07181 | | XA414 | 79 | | XA413 | 79 | | | 16B | 9 | | TXDV1B | 36 | TREW2N | 01 | 1 | TDD | LN | | 39B | | |
| 07450 | | XA414 | 80 | | XA415 | 73 | | | 16B | 9 | | TXRS2B | 15 | TREW2Q | 01 | 1 | TDD | LQ | | 39A | | |
| 03637 | | XA415 | 01 | | XA414 | 01 | | | 16B | 9 | | TCCP10 | 03 | TC128N | 01 | 1 | TDD | BN | | 02B | | |
| 00650 | | XA415 | 02 | | | | | | | | | GND | 01 | | | | TDD | | | 01B | | |
| 03698 | | XA415 | 03 | | XA416 | 03 | | | 16B | 9 | | TCSR0B | 03 | TC128Q | 01 | 1 | TDD | BQ | | 02A | | |
| 01244 | | XA415 | 04 | | XA416 | 04 | | | 16B | 9 | | SPI002 | 03 | TC128P | 01 | 1 | TDD | BP | | 04A | | |
| 03830 | | XA415 | 05 | | XA414 | 07 | | | 16B | 9 | | TC118Q | 01 | TC128I | 01 | 1 | TDD | BI | | 03B | | |
| 01331 | | XA415 | 06 | | XA416 | 06 | | | 16B | 9 | | SPI005 | 01 | TC028P | 01 | 1 | TDD | AP | | 05A | | |
| 03834 | | XA415 | 07 | | XA416 | 05 | | | 16B | 9 | | TC128Q | 01 | TC128Q | 00 | 1 | TDD | BQ | | 03A | | |
| 03816 | | XA415 | 08 | | XA414 | 13 | | | 16B | 9 | | TC018Q | 01 | TC028I | 01 | 1 | TDD | AI | | 06A | | |
| 03833 | | XA415 | 09 | | | | | | | | | TC128P | 02 | TC128P | 00 | 1 | TDD | BP | | 04B | B05 | |
| 03631 | | XA415 | 10 | | XA414 | 10 | | | 16B | 9 | | TCCP00 | 03 | TC028N | 01 | 1 | TDD | AN | | 07A | | |
| 08192 | | XA415 | 11 | | | | | | | | | TC028P | 01 | TC028P | 00 | 1 | TDD | AP | | 05B | | |
| 00081 | | XA415 | 12 | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 03818 | | XA415 | 13 | | XA416 | 08 | | | 16B | 9 | | TC028Q | 01 | TC028Q | 00 | 1 | TDD | AQ | | 06B | | |
| 03649 | | XA415 | 14 | | XA414 | 14 | | | 16B | 9 | | TCCP30 | 03 | TC328N | 01 | 1 | TDD | DN | | 09A | | |
| 03705 | | XA415 | 15 | | XA415 | 17 | | | 16B | 9 | | TCSR0B | 10 | TC028Q | 01 | 1 | TDD | AQ | | 07B | | |
| 00651 | | XA415 | 16 | | | | | | | | | GND | 01 | | | | TDD | | | 20B | | |
| 03706 | | XA415 | 17 | | XA414 | 17 | | | 16B | 9 | | TCSR0B | 11 | TC328Q | 01 | 1 | TDD | DQ | | 08B | | |
| 03863 | | XA415 | 18 | | XA414 | 19 | | | 16B | 9 | | TC318Q | 01 | TC328I | 01 | 1 | TDD | DI | | 10A | | |
| 03867 | | XA415 | 19 | | XA416 | 18 | | | 16B | 9 | | TC328Q | 01 | TC328Q | 00 | 1 | TDD | DQ | | 09B | | |
| 01247 | | XA415 | 20 | | XA414 | 20 | | | 16B | 9 | | SPI002 | 06 | TC328P | 01 | 1 | TDD | DP | | 11A | | |
| 03866 | | XA415 | 21 | | | | | | | | | TC328P | 02 | TC328P | 00 | 1 | TDD | DP | | 10B | | |
| 01337 | | XA415 | 22 | | XA414 | 22 | | | 16B | 9 | | SPI005 | 07 | TC228P | 01 | 1 | TDD | CP | | 12A | | |
| 08199 | | XA415 | 23 | | | | | | | | | TC228P | 01 | TC228P | 00 | 1 | TDD | CP | | 11B | | |
| 03847 | | XA415 | 24 | | XA414 | 25 | | | 16B | 9 | | TC218Q | 01 | TC228I | 01 | 1 | TDD | CI | | 13A | | |
| 03849 | | XA415 | 25 | | XA416 | 24 | | | 16B | 9 | | TC228Q | 01 | TC228Q | 00 | 1 | TDD | CQ | | 12B | | |
| 03644 | | XA415 | 26 | | XA416 | 26 | | | 16B | 9 | | TCCP20 | 04 | TC228N | 01 | 1 | TDD | CN | | 14A | | |
| 03718 | | XA415 | 27 | | XA415 | 29 | | | 16B | 9 | | TCSR0B | 23 | TC228Q | 01 | 1 | TDD | CQ | | 13B | | |
| 00082 | | XA415 | 28 | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 03719 | | XA415 | 29 | | XA416 | 29 | | | 16B | 9 | | TCSR0B | 24 | TC528Q | 01 | 1 | TDD | FQ | | 14B | | |
| 03661 | | XA415 | 30 | | XA414 | 30 | | | 16B | 9 | | TCCP50 | 03 | TC528N | 01 | 1 | TDD | EN | | 15A | | |
| 03909 | | XA415 | 31 | | XA407 | 43 | | | 16B | 9 | | TC528Q | 02 | TC528Q | 00 | 1 | TDD | FQ | | 15B | B05 | |
| 00652 | | XA415 | 32 | | | | | | | | | GND | 01 | | | | TDD | | | 21B | | |
| 03906 | | XA415 | 33 | | XA519 | 11 | | | 16B | 9 | | TC528P | 01 | TC528P | 00 | 1 | TDD | FP | | 16B | | |
| 03904 | | XA415 | 34 | | XA414 | 31 | | | 16B | 9 | | TC518Q | 02 | TC528I | 01 | 1 | TDD | ET | | 16A | | |
| 08204 | | XA415 | 35 | | XA519 | 04 | | | 16B | 9 | | TC428P | 01 | TC428P | 00 | 1 | TDD | EP | | 17B | B05 | |
| 01263 | | XA415 | 36 | | XA416 | 36 | | | 16B | 9 | | SPI002 | 22 | TC528P | 01 | 1 | TDD | EP | | 17A | | |
| CONNECTOR | XA415 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

H78-14 1301

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA416
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 287

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|--|--------|-----------|-----|-------|--------|-----------|-----|------|-------------|------|-------|---------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | WIRE | PREFIX | CONNECTOR | PIN | WIRE | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 08028 | XA416 | 55 | | XA412 | 76 | | | 168 | 9 | | | TX1MAQ | 02 | TX1MAQ | 00 | 1 | TDD | KQ | | 29B | SYNC CLOCK BIT 0 | | |
| 03669 | XA416 | 56 | | XA417 | 56 | | | 168 | 9 | | | TCCP60 | 05 | TC63BN | 01 | 1 | TDD | GN | | 26A | | | |
| 08026 | XA416 | 57 | | | | | | | | | | TX1MAP | 02 | TX1MAP | 00 | 1 | TDD | KP | | 30B | | | |
| 00660 | XA416 | 58 | | | | | | | | | | GND | 01 | | | | TDD | | | 40A | | | |
| 03999 | XA416 | 59 | | | | | | | | | M | TC83BP | 03 | TC83BP | 00 | 1 | TDD | JP | | 31B | | B05 | |
| 08057 | XA416 | 60 | | XA420 | 33 | | | 168 | 9 | | | TC04MHJ | 02 | TX1MAN | 01 | 1 | TDD | KN | | 28A | | | |
| 04003 | XA416 | 61 | | XA438 | 63 | | | 168 | 9 | | | TC83BQ | 04 | TC83BQ | 00 | 1 | TDD | JQ | | 32B | | | |
| 08031 | XA416 | 62 | | XA417 | 57 | | | 168 | 9 | | | TX1MBP | 02 | TX1MAI | 01 | 1 | TDD | KI | | 29A | | | |
| 03751 | XA416 | 63 | | XA417 | 65 | | | 168 | 9 | | | TCRS7A | 12 | TC83BQ | 01 | 1 | TDD | JQ | | 33B | | | |
| 01386 | XA416 | 64 | | XA417 | 36 | | | 168 | 9 | | | SPI006 | 32 | TX1MAP | 01 | 1 | TDD | KP | | 30A | | | |
| 01350 | XA416 | 65 | | XA416 | 66 | | | 168 | 9 | | | SPI005 | 20 | TLPT3Q | 01 | 1 | TDD | MQ | | 34B | | | |
| 01351 | XA416 | 66 | | XA417 | 73 | | | 168 | 9 | | | SPI005 | 21 | TC83BP | 01 | 1 | TDD | JP | | 31A | | | |
| 00661 | XA416 | 67 | | | | | | | | | | GND | 01 | | | | TDD | | | 40B | | | |
| 03995 | XA416 | 68 | | XA415 | 61 | | | 168 | 9 | | | TC82BQ | 02 | TC83BI | 01 | 1 | TDD | JT | | 32A | | | |
| 08258 | XA416 | 69 | | | | | | | | | M | TLPT3P | 01 | TLPT3P | 00 | 1 | TDD | MP | | 35A | | | |
| 03681 | XA416 | 70 | | XA417 | 72 | | | 168 | 9 | | | TCCP80 | 05 | TC83BN | 01 | 1 | TDD | JN | | 33A | | | |
| 04674 | XA416 | 71 | | XA415 | 74 | | | 168 | 9 | | | TLPT2Q | 01 | TLPT3I | 01 | 1 | TDD | MI | | 36A | | | |
| 07050 | XA416 | 72 | | XA414 | 72 | | | 168 | 9 | | | TXCP10 | 04 | TLPT3N | 01 | 1 | TDD | MN | | 34A | | | |
| 07452 | XA416 | 73 | | XA414 | 73 | | | 168 | 9 | | | TXRS2B | 17 | TLPT3P | 01 | 1 | TDD | MP | | 36B | | | |
| 04677 | XA416 | 74 | | | | | | | | | | TLPT3Q | 02 | TLPT3Q | 00 | 1 | TDD | MQ | | 35B | LOOP TEST COUNT BY | | |
| 05484 | XA416 | 75 | | XA522 | 63 | | | 168 | 9 | | | TRW42A | 01 | TREW4P | 01 | 1 | TDD | LP | | 37B | | | |
| 05222 | XA416 | 76 | | | | | | | | | | TREW4P | 02 | TREW4P | 00 | 1 | TDD | LP | | 37A | | | |
| 05488 | XA416 | 77 | | XA537 | 63 | | | 168 | 9 | | | TRW490 | 01 | TREW4I | 01 | 1 | TDD | LI | | 38B | | | |
| 05224 | XA416 | 78 | | | | | | | | | | TREW4Q | 02 | TREW4Q | 00 | 1 | TDD | LQ | | 38A | REWINDING & REFMEM | | |
| 07179 | XA416 | 79 | | XA415 | 79 | | | 168 | 9 | | | TXDV1B | 34 | TREW4N | 01 | 1 | TDD | LN | | 39B | | | |
| 07448 | XA416 | 80 | | XA415 | 80 | | | 168 | 9 | | | TXRS2B | 13 | TREW4Q | 01 | 1 | TDD | LQ | | 39A | | | |
| 03635 | XA417 | 01 | | XA416 | 01 | | | 168 | 9 | | | TCCP10 | 01 | TC14BN | 01 | 1 | TDD | BN | | 02B | | | |
| 00662 | XA417 | 02 | | | | | | | | | | GND | 01 | | | | TDD | | | 01B | | | |
| 03700 | XA417 | 03 | | XA417 | 15 | | | 168 | 9 | | | TCRS0B | 05 | TC14BQ | 01 | 1 | TDD | BQ | | 02A | | | |
| 01389 | XA417 | 04 | | | | | | | | | | SPI006 | 35 | TC14BP | 01 | 1 | TDD | BP | | 04A | | | |
| 03837 | XA417 | 05 | | XA416 | 07 | | | 168 | 9 | | | TC13BQ | 02 | TC14BI | 01 | 1 | TDD | BI | | 03B | | | |
| 01333 | XA417 | 06 | | XA417 | 22 | | | 168 | 9 | | | SPI005 | 03 | TC04BP | 01 | 1 | TDD | AP | | 05A | | C03 | |
| 03843 | XA417 | 07 | | | | | | | | | | TC14BQ | 02 | TC14BQ | 00 | 1 | TDD | BQ | | 03A | MAIN TIMING COUNT | | |
| 03820 | XA417 | 08 | | XA416 | 13 | | | 168 | 9 | | | TC03BQ | 01 | TC04BI | 01 | 1 | TDD | AT | | 06A | | | |
| 03841 | XA417 | 09 | | XA519 | 18 | | | 168 | 9 | | | TC14BP | 03 | TC14BP | 00 | 1 | TDD | BP | | 04B | | B05 | |
| 03629 | XA417 | 10 | | XA416 | 10 | | | 168 | 9 | | | TCCP00 | 01 | TC04BN | 01 | 1 | TDD | AN | | 07A | | | |
| 03824 | XA417 | 11 | | | | | | | | | | TC04BP | 03 | TC04BP | 00 | 1 | TDD | AP | | 05B | | | |
| 00085 | XA417 | 12 | | | | | | | | | | +5V | 01 | | | | TDD | | | | | | |
| 03826 | XA417 | 13 | | | | | | | | | | TC04BQ | 02 | TC04BQ | 00 | 1 | TDD | AQ | | 06B | MAIN TIMING COUNT | | |
| 03647 | XA417 | 14 | | XA416 | 14 | | | 168 | 9 | | | TCCP30 | 01 | TC34BN | 01 | 1 | TDD | DN | | 09A | | | |
| 03701 | XA417 | 15 | | XA417 | 17 | | | 168 | 9 | | | TCRS0B | 06 | TC04BQ | 01 | 1 | TDD | AQ | | 07B | | | |
| 00663 | XA417 | 16 | | | | | | | | | | GND | 01 | | | | TDD | | | 20B | | | |
| 03702 | XA417 | 17 | | XA416 | 17 | | | 168 | 9 | | | TCRS0B | 07 | TC34BQ | 01 | 1 | TDD | DQ | | 08B | | | |
| 03870 | XA417 | 18 | | XA519 | 10 | | | 168 | 9 | | | TC33BQ | 02 | TC34BT | 01 | 1 | TDD | DT | | 10A | | | |
| 03877 | XA417 | 19 | | | | | | | | | | TC34BQ | 02 | TC34BQ | 00 | 1 | TDD | DQ | | 09B | MAIN TIMING COUNT | | |
| 01388 | XA417 | 20 | | XA417 | 04 | | | 168 | 9 | | | SPI006 | 34 | TC34BP | 01 | 1 | TDD | DP | | 11A | | | |
| 03874 | XA417 | 21 | | | | | | 168 | 9 | | | TC34BP | 03 | TC34BP | 00 | 1 | TDD | DP | | 10B | | C03 | |
| 01335 | XA417 | 22 | | XA416 | 22 | | | 168 | 9 | | | SPI005 | 05 | TC24BP | 01 | 1 | TDD | CP | | 12A | | | |
| CONNECTOR (XA417) CONTINUED ON THE NEXT PAGE: **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1302

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA417
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 288

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | C/T OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|----|--------|-----------|-----|----|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DR | PREFIX | CONNECTOR | PIN | DR | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 03855 | | XA417 | 23 | | | | | | | | | | TC24BP | 03 | TC24BP | 00 | 1 | TDD | CP | | 11B | | |
| 03851 | | XA417 | 24 | | XA416 | 25 | | | 16B | 9 | | | TC23BQ | 01 | TC24BI | 01 | 1 | TDD | CI | | 13A | | |
| 03857 | | XA417 | 25 | | | | | | | | | | TC24BQ | 02 | TC24BQ | 00 | 1 | TDD | CO | | 12B | MAIN TIMING COUNT | |
| 03646 | | XA417 | 26 | | | | | | | | | | TCCP20 | 06 | TC24BN | 01 | 1 | TDD | CN | | 14A | | |
| 03722 | | XA417 | 27 | | XA417 | 29 | | | 16B | 9 | | | TCRS0B | 27 | TC24BQ | 01 | 1 | TDD | CQ | | 13B | | |
| 00086 | | XA417 | 28 | | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 03723 | | XA417 | 29 | | XA417 | 39 | | | 16B | 9 | | | TCRS0B | 28 | TC54BQ | 01 | 1 | TDD | FO | | 14B | | |
| 03659 | | XA417 | 30 | | XA416 | 30 | | | 16B | 9 | | | TCCP50 | 01 | TC54BN | 01 | 1 | TDD | FN | | 15A | | |
| 03918 | | XA417 | 31 | | | | | | | | | | TC54BQ | 02 | TC54BQ | 00 | 1 | TDD | FO | | 15B | | |
| 00664 | | XA417 | 32 | | | | | | | | | | GND | 01 | | | | TDD | | | 21B | | |
| 03916 | | XA417 | 33 | | | | | | | | | | TC54BP | 04 | TC54BP | 00 | 1 | TDD | FP | | 16B | | |
| 03911 | | XA417 | 34 | | XA519 | 13 | | | 16B | 9 | | | TC53BQ | 02 | TC54BI | 01 | 1 | TDD | FI | | 16A | | |
| 03893 | | XA417 | 35 | | | | | | | | | | TC44BP | 03 | TC44BP | 00 | 1 | TDD | EP | | 17B | B08 | |
| 01387 | | XA417 | 36 | | XA417 | 20 | | | 16B | 9 | | | SPI006 | 33 | TC54BP | 01 | 1 | TDD | FP | | 17A | | |
| 03896 | | XA417 | 37 | | | | | | | | | | TC44BQ | 02 | TC44BQ | 00 | 1 | TDD | EQ | | 18B | MAIN TIMING COUNT | |
| 01342 | | XA417 | 38 | | XA417 | 52 | | | 16B | 9 | | | SPI005 | 12 | TC44BP | 01 | 1 | TDD | EP | | 18A | | |
| 03724 | | XA417 | 39 | | XA416 | 39 | | | 16B | 9 | | | TCRS0B | 29 | TC44BQ | 01 | 1 | TDD | EQ | | 19B | | |
| 03890 | | XA417 | 40 | | XA519 | 05 | | | 16B | 9 | | | TC43BQ | 02 | TC44BI | 01 | 1 | TDD | EI | | 19A | B05 | |
| 03740 | | XA417 | 41 | | XA416 | 41 | | | 16B | 9 | | | TCRS7A | 01 | TC74BQ | 01 | 1 | TDD | HO | | 22B | | |
| 03658 | | XA417 | 42 | | | | | | | | | | TCCP40 | 06 | TC44BN | 01 | 1 | TDD | EN | | 20A | | |
| 03969 | | XA417 | 43 | | XA521 | 04 | | | 16B | 9 | | | TC74BQ | 01 | TC74BQ | 00 | 1 | TDD | HO | | 23B | WRITE TIMING COUNT | |
| 00665 | | XA417 | 44 | | | | | | | | | | GND | 01 | | | | TDD | | | 27A | | |
| 03967 | | XA417 | 45 | | XA527 | 66 | | | 16B | 9 | | | TC74BP | 03 | TC74BP | 00 | 1 | TDD | HP | | 24B | | |
| 03671 | | XA417 | 46 | | XA416 | 46 | | | 16B | 9 | | | TCCP70 | 01 | TC74BN | 01 | 1 | TDD | HM | | 21A | | |
| 03934 | | XA417 | 47 | | XA413 | 54 | | | 16B | 9 | | | TC64BP | 02 | TC64BP | 00 | 1 | TDD | GP | | 25B | | |
| 03963 | | XA417 | 48 | | XA527 | 64 | | | 16B | 9 | | | TC73BQ | 02 | TC74BI | 01 | 1 | TDD | HI | | 22A | | |
| 03938 | | XA417 | 49 | | | | | | | | | | TC64BQ | 02 | TC64BQ | 00 | 1 | TDD | GQ | | 26B | MAIN TIMING COUNT | |
| 01383 | | XA417 | 50 | | XA417 | 64 | | | 16B | 9 | | | SPI006 | 29 | TC74BP | 01 | 1 | TDD | HP | | 23A | | |
| 03733 | | XA417 | 51 | | | | | | | | | | TCRS0B | 38 | TC64BQ | 01 | 1 | TDD | GQ | | 27B | | |
| 01343 | | XA417 | 52 | | XA416 | 52 | | | 16B | 9 | | | SPI005 | 13 | TC64BP | 01 | 1 | TDD | GP | | 24A | | |
| 01268 | | XA417 | 53 | | XA418 | 56 | | | 16B | 9 | | | SPI003 | 03 | TX1MBQ | 01 | 1 | TDD | KQ | | 28B | | |
| 03932 | | XA417 | 54 | | | | | | | | | | TC63BQ | 03 | TC64BI | 01 | 1 | TDD | GI | | 25A | | |
| 08033 | | XA417 | 55 | | XA412 | 74 | | | 16B | 9 | | | TX1MBQ | 01 | TX1MBQ | 00 | 1 | TDD | KQ | | 29B | SYNC CLOCK BIT 1 | |
| 03670 | | XA417 | 56 | | | | | | | | | | TCCP60 | 06 | TC64BN | 01 | 1 | TDD | GN | | 26A | | |
| 08032 | | XA417 | 57 | | | | | | | | | | TX1MBP | 03 | TX1MBP | 00 | 1 | TDD | KP | | 30B | | |
| 00666 | | XA417 | 58 | | | | | | | | | | GND | 01 | | | | TDD | | | 40A | | |
| 04007 | | XA417 | 59 | | XA525 | 04 | | | 16B | 9 | | | TCSD1P | 01 | TCSD1P | 00 | 1 | TDD | JP | | 31B | | |
| 08056 | | XA417 | 60 | | XA416 | 60 | | | 16B | 9 | | | TG4MHJ | 01 | TX1MBN | 01 | 1 | TDD | KN | | 28A | | |
| 04010 | | XA417 | 61 | | | | | | | | | | TCSD1Q | 02 | TCSD1Q | 00 | 1 | TDD | JO | | 32B | | |
| 08027 | | XA417 | 62 | | XA416 | 55 | | | 16B | 9 | | | TX1MAQ | 01 | TX1MBI | 01 | 1 | TDD | KI | | 29A | | |
| 03752 | | XA417 | 63 | | XA416 | 64 | | | 16B | 9 | | | SPI006 | 31 | TCSD1Q | 01 | 1 | TDD | JO | | 33B | | |
| 01384 | | XA417 | 64 | | XA417 | 63 | | | 16B | 9 | | | SPI006 | 30 | TX1MBP | 01 | 1 | TDD | KP | | 30A | | |
| 01385 | | XA417 | 65 | | | | | | | | | | TCRS7A | 13 | TC84BQ | 01 | 1 | TDD | MQ | | 34B | | |
| 01352 | | XA417 | 66 | | XA415 | 64 | | | 16B | 9 | | | TCSDRA | 02 | TCSD1P | 01 | 1 | TDD | JP | | 31A | | |
| 00667 | | XA417 | 67 | | | | | | | | | | GND | 01 | | | | TDD | | | 40B | | |
| 04002 | | XA417 | 68 | | XA415 | 57 | | | 16B | 9 | | | TCSD2P | 02 | TCSD1I | 01 | 1 | TDD | JT | | 32A | | |
| 03775 | | XA417 | 69 | | XA421 | 66 | | | 16B | 9 | | | TC84BP | 03 | TC84BP | 00 | 1 | TDD | MP | | 35A | | |
| 03682 | | XA417 | 70 | | XA415 | 60 | | | 16B | 9 | | | TSCK3B | 59 | TCSD1N | 01 | 1 | TDD | JN | | 33A | B05 | |
| 03785 | | XA417 | 71 | | XA416 | 61 | | | 16B | 9 | | | TC83BQ | 03 | TC84BI | 01 | 1 | TDD | MI | | 36A | | |
| 05776 | | XA417 | 72 | | | | | | | | | | TCCP80 | 06 | TC84BN | 01 | 1 | TDD | MN | | 34A | | |
| CONNECTOR XA417 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1303

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA417
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 289

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | SPEC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO | |
|---|--------|-----------|-----|--------|-----------|-----|-------------|------|-------|----------------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|---------------------|--------|-------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | | IDENT |
| 03756 | | XA417 | 73 | | XA417 | 77 | | 16B | 9 | | SPI005 | 22 | TC84BP | 01 | 1 | TDD | MP | | 36B | INPUT DELAY COUNT | | |
| 03779 | | XA417 | 74 | | XA438 | 64 | | 16B | 9 | | TC84BQ | 02 | TC84BQ | 00 | 1 | TDD | MQ | | 35B | | | |
| 06015 | | XA417 | 75 | | XA418 | 47 | | 16B | 9 | | TSYN1A | 03 | TCSD0P | 01 | 1 | TDD | LP | | 37B | | | |
| 03762 | | XA417 | 76 | | XA524 | 06 | | 16B | 9 | | TCSD0P | 01 | TCSD0P | 00 | 1 | TDD | LP | | 37A | | | |
| 01353 | | XA417 | 77 | | XA420 | 49 | | 16B | 9 | | SPI005 | 23 | TCSD0I | 01 | 1 | TDD | LI | | 38B | INPUT DELAY CONTROL | | |
| 03766 | | XA417 | 78 | | | | | | | | TCSD0Q | 03 | TCSD0Q | 00 | 1 | TDD | LQ | | 38A | | | |
| 03784 | | XA417 | 79 | | XA417 | 68 | | 16B | 9 | | TCSD2P | 01 | TCSD0N | 01 | 1 | TDD | LN | | 39B | | | |
| 07447 | | XA417 | 80 | | XA416 | 80 | | 16B | 9 | | TXRS2B | 12 | TCSD0Q | 01 | 1 | TDD | LQ | | 39A | | | |
| 05908 | | XA418 | 01 | | XA407 | 60 | | 16B | 9 | | TSTPRA | 01 | TCRS00 | 01 | 1 | TS8 | A1 | | 02B | | | |
| 00668 | | XA418 | 02 | | | | | | | | GND | 01 | | | | | | | 01A | | | |
| 00274 | | XA418 | 03 | | | | | | | | DNW | 01 | | | | | | | | | | |
| 05959 | | XA418 | 04 | | | | | | | | TSTRRA | 02 | TCRS00 | 01 | 2 | TS8 | A1 | | 04A | | | |
| 04411 | | XA418 | 05 | | | | | | | | TFSTRA | 02 | TCRS00 | 01 | 3 | TS8 | A1 | | 03B | | | |
| 04574 | | XA418 | 06 | | XA407 | 80 | | 16B | 9 | | TLADRA | 01 | TCRS00 | 01 | 4 | TS8 | A1 | | 05A | | | |
| 03694 | | XA418 | 07 | | | | | | | | TCRSCA | 02 | TCRS00 | 01 | 5 | TS8 | A1 | | 03A | | | |
| 06522 | | XA418 | 08 | | XA522 | 51 | | 16B | 9 | | TWRGRA | 02 | TCRS00 | 01 | 6 | TS8 | A1 | | 06A | | | |
| 00275 | | XA418 | 09 | | | | | | | | DNW | 01 | | | | | | | | | | |
| 07409 | | XA418 | 10 | | XA409 | 10 | | 16B | 9 | | TXRS1B | 06 | TCRS00 | 01 | 7 | TS8 | A1 | | 07A | | | |
| 03734 | | XA418 | 11 | | XA412 | 18 | | 16B | 9 | | TCRS00 | 01 | TCRS00 | 00 | 1 | TS8 | A1 | | 05B | MAIN TIMING COUNT | | |
| 00087 | | XA418 | 12 | | | | | | | | +5V | 01 | | | | | | | | | | |
| 01334 | | XA418 | 13 | | | | | | | | TSTR3A | 03 | TCRS00 | 01 | 8 | TS8 | A1 | | 06B | | C03 | |
| 03815 | | XA418 | 14 | | | | | | | | TC00BQ | 03 | TCZROA | 01 | 1 | TS8 | B1 | | 09A | | | |
| 00276 | | XA418 | 15 | | | | | | | | DNW | 01 | | | | | | | | | | |
| 00669 | | XA418 | 16 | | | | | | | | GND | 01 | | | | | | | 21B | | | |
| 00277 | | XA418 | 17 | | | | | | | | DNW | 01 | | | | | | | | | | |
| 03825 | | XA418 | 18 | | XA417 | 13 | | 16B | 9 | | DNW | 01 | | | | | | | | | | |
| 03827 | | XA418 | 19 | | XA414 | 05 | | 16B | 9 | | TC04BQ | 01 | TCZROA | 01 | 2 | TS8 | B1 | | 10A | | | |
| 03842 | | XA418 | 20 | | XA417 | 07 | | 16B | 9 | | TC10BQ | 01 | TCZROA | 01 | 3 | TS8 | B1 | | 09B | | | |
| 00278 | | XA418 | 21 | | | | | | | | TC14BQ | 01 | TCZROA | 01 | 4 | TS8 | B1 | | 11A | | | |
| 03844 | | XA418 | 22 | | XA414 | 24 | | 16B | 9 | | DNW | 01 | | | | | | | | | | |
| 03795 | | XA418 | 23 | | XA412 | 34 | | 16B | 9 | | TC20BQ | 01 | TCZROA | 01 | 5 | TS8 | B1 | | 12A | | | |
| 03856 | | XA418 | 24 | | XA417 | 25 | | 16B | 9 | | TCZROA | 01 | TCZROA | 00 | 1 | TS8 | B1 | | 11B | MAIN TIMING COUNT | | |
| 03806 | | XA418 | 25 | | | | | | | | TC24BQ | 01 | TCZROA | 01 | 6 | TS8 | B1 | | 13A | | | |
| 01393 | | XA418 | 26 | | XA418 | 54 | | 16B | 9 | | TCZR10 | 02 | TCZROA | 01 | 7 | TS8 | B1 | | 12B | | | |
| 00279 | | XA418 | 27 | | | | | | | | SPI007 | 04 | TCZROA | 01 | 8 | TS8 | B1 | | 14A | | | |
| 00088 | | XA418 | 28 | | | | | | | | DNW | 01 | | | | | | | | | | |
| 00280 | | XA418 | 29 | | | | | | | | +5V | 01 | | | | | | | | | | |
| 03860 | | XA418 | 30 | | XA414 | 18 | | 16B | 9 | | DNW | 01 | | | | | | | | | | |
| 03876 | | XA418 | 31 | | XA417 | 19 | | 16B | 9 | | TC30BQ | 01 | TCZRIA | 01 | 1 | TS8 | C1 | | 15A | | | |
| 00670 | | XA418 | 32 | | | | | | | | TC34BQ | 01 | TCZRIA | 01 | 2 | TS8 | C1 | | 15B | | | |
| 00281 | | XA418 | 33 | | | | | | | | GND | 01 | | | | | | | 27A | | | |
| 03883 | | XA418 | 34 | | XA525 | 43 | | 16B | 9 | | DNW | 01 | | | | | | | | | | |
| 03803 | | XA418 | 35 | | XA412 | 29 | | 16B | 9 | | TC40BQ | 03 | TCZRIA | 01 | 3 | TS8 | C1 | | 16A | | C03 | |
| 03895 | | XA418 | 36 | | XA417 | 37 | | 16B | 9 | | TCZR1A | 01 | TCZRIA | 00 | 1 | TS8 | C1 | | 17B | | | |
| 03900 | | XA418 | 37 | | XA414 | 34 | | 16B | 9 | | TC44BQ | 01 | TCZRIA | 01 | 4 | TS8 | C1 | | 17A | | | |
| 03917 | | XA418 | 38 | | XA417 | 31 | | 16B | 9 | | TC50BQ | 01 | TCZRIA | 01 | 5 | TS8 | C1 | | 18B | | | |
| 00282 | | XA418 | 39 | | | | | | | | TC54BQ | 01 | TCZRIA | 01 | 6 | TS8 | C1 | | 18A | | | |
| 03919 | | XA418 | 40 | | XA414 | 54 | | 16B | 9 | | DNW | 01 | | | | | | | | | | |
| | | | | | | | | | | | TC60BQ | 01 | TCZRIA | 01 | 7 | TS8 | C1 | | 19A | | | |
| CONNECTOR (XA418) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1304

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA418
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 290

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SK FFC | PREFIX | CONNECTOR | PIN | SK FFC | MULTI-GROUP | CODE | COLOR | | | | | | | | | | | |
| 00283 | | XA418 | 41 | | | | | | | | | DNW | 01 | | | TS8 | | | | | | |
| 03937 | | XA418 | 42 | | XA417 | 49 | | | 16B | 9 | | TC64BQ | 01 | TCZR1A | 01 | 8 | TS8 | C1 | | 20A | | |
| 07178 | | XA418 | 43 | | XA416 | 79 | | | 16B | 9 | | TXDV1B | 33 | TSYN1A | 01 | 1 | TS8 | D1 | | 23B | | |
| 00671 | | XA418 | 44 | | | | | | | | | GND | 01 | | | | TS8 | | | 40A | | |
| 00284 | | XA418 | 45 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 07527 | | XA418 | 46 | | XA426 | 04 | | | 16B | 9 | | TXR091T | 01 | TSYN1A | 01 | 2 | TS8 | D1 | | 21A | | |
| 06016 | | XA418 | 47 | | | | | | | | | TSYN1A | 04 | TSYN1A | 00 | 1 | TS8 | D1 | | 25B | MOTION COMMAND STA | |
| 07534 | | XA418 | 48 | | XA426 | 11 | | | 16B | 9 | | TXR093T | 01 | TSYN1A | 01 | 3 | TS8 | D1 | | 22A | | |
| 07544 | | XA418 | 49 | | XA427 | 09 | | | 16B | 9 | | TXR096T | 01 | TSYN1A | 01 | 4 | TS8 | D1 | | 26B | B05 | |
| 07548 | | XA418 | 50 | | | | | | | | | TXR097T | 03 | TSYN1A | 01 | 5 | TS8 | D1 | | 23A | | |
| 00285 | | XA418 | 51 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 01382 | | XA418 | 52 | | XA417 | 50 | | | 16B | 9 | | SPI006 | 28 | TSYN1A | 01 | 6 | TS8 | D1 | | 24A | | |
| 00286 | | XA418 | 53 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 01394 | | XA418 | 54 | | XA421 | 45 | | | 16B | 9 | | SPI007 | 05 | TSYN1A | 01 | 7 | TS8 | D1 | | 25A | | |
| 05162 | | XA418 | 55 | | XA507 | 59 | | | 16B | 9 | | TREQ4A | 01 | TXXRCO | 01 | 1 | TS8 | E1 | | 29B | | |
| 01269 | | XA418 | 56 | | XA421 | 50 | | | 16B | 9 | | SPI003 | 04 | TSYN1A | 01 | 8 | TS8 | D1 | | 26A | | |
| 00287 | | XA418 | 57 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 00672 | | XA418 | 58 | | | | | | | | | GND | 01 | | | | TS8 | | | | | |
| 07963 | | XA418 | 59 | | XA428 | 03 | | | 16B | 9 | | TXXRCO | 01 | TXXRCO | 00 | 1 | TS8 | E1 | | 31B | REQUEST INPUTS | |
| 06670 | | XA418 | 60 | | | | | | | | | TWRQ1A | 03 | TXXRCO | 01 | 2 | TS8 | E1 | | 28A | | |
| 04692 | | XA418 | 61 | | XA523 | 07 | | | 16B | 9 | | TLPT5A | 10 | TXXRCO | 01 | 3 | TS8 | E1 | | 32B | | |
| 04856 | | XA418 | 62 | | XA510 | 19 | | | 16B | 9 | | TNSGCA | 01 | TXXRCO | 01 | 4 | TS8 | E1 | | 29A | | |
| 00288 | | XA418 | 63 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 04862 | | XA418 | 64 | | XA508 | 09 | | | 16B | 9 | | TNSGEA | 01 | TXXRCO | 01 | 5 | TS8 | E1 | | 30A | | |
| 00289 | | XA418 | 65 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 04443 | | XA418 | 66 | | | | | | 16B | 9 | | TFST6A | 02 | TXXRCO | 01 | 6 | TS8 | E1 | | 31A | C03 | |
| 00673 | | XA418 | 67 | | | | | | | | | GND | 01 | | | | TS8 | | | | | |
| 04462 | | XA418 | 68 | | XA508 | 69 | | | 16B | 9 | | TINT2A | 02 | TXXRCO | 01 | 7 | TS8 | E1 | | 32A | | |
| 00290 | | XA418 | 69 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 04474 | | XA418 | 70 | | XA503 | 49 | | | 16B | 9 | | TINT6A | 02 | TXXRCO | 01 | 8 | TS8 | E1 | | 33A | | |
| 05849 | | XA418 | 71 | | XA433 | 75 | | | 16B | 9 | | TSNC2S | 06 | TFSTOA | 01 | 1 | TS8 | F1 | | 36A | | |
| 03499 | | XA418 | 72 | | XA525 | 31 | | | 16B | 9 | | TBUSYS | 05 | TESTOA | 01 | 2 | TS8 | F1 | | 34A | | |
| 05892 | | XA418 | 73 | | XA407 | 79 | | | 16B | 9 | | SPI001 | 005 | TFSTOA | 01 | 3 | TS8 | F1 | | 36B | B02 | |
| 04148 | | XA418 | 74 | | XA406 | 39 | | | 16B | 9 | | TDSC00 | 01 | TFSTOA | 01 | 4 | TS8 | F1 | | 35B | | |
| 05910 | | XA418 | 75 | | XA525 | 18 | | | 16B | 9 | | TSTPOR | 01 | TFSTOA | 01 | 5 | TS8 | F1 | | 37B | | |
| 04412 | | XA418 | 76 | | XA410 | 60 | | | 16B | 9 | | TFST0A | 01 | TESTOA | 00 | 1 | TS8 | F1 | | 37A | FLYING START | |
| 05926 | | XA418 | 77 | | XA407 | 68 | | | 16B | 9 | | TSTP1R | 01 | TFSTOA | 01 | 6 | TS8 | F1 | | 38B | | |
| 05940 | | XA418 | 78 | | | | | | | | | TSTP2R | 05 | TFSTOA | 01 | 7 | TS8 | F1 | | 38A | | |
| 05775 | | XA418 | 79 | | XA417 | 70 | | | 16B | 9 | | TSCK3B | 58 | TFSTOA | 01 | 8 | TS8 | F1 | | 39B | | |
| 00291 | | XA418 | 80 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 02500 | | XA419 | 01 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 00674 | | XA419 | 02 | | | | | | | | | GND | 01 | | | | | | | | | |
| 02501 | | XA419 | 03 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02502 | | XA419 | 04 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02503 | | XA419 | 05 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02504 | | XA419 | 06 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02505 | | XA419 | 07 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02506 | | XA419 | 08 | | | | | | | | | SPP | 01 | | | | | | | | | |
| CONNECTOR XA419 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA419
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 291

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|--|--------|-----------|-----|--------|-----------|-----|------|-------------|------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | INFO | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 02507 | | XA419 | 09 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02508 | | XA419 | 10 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02509 | | XA419 | 11 | | | | | | | | | SPP | 01 | | | | | | | | |
| 00089 | | XA419 | 12 | | | | | | | | | +5V | 01 | | | | | | | | |
| 02510 | | XA419 | 13 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02511 | | XA419 | 14 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02512 | | XA419 | 15 | | | | | | | | | SPP | 01 | | | | | | | | |
| 00675 | | XA419 | 16 | | | | | | | | | GND | 01 | | | | | | | | |
| 02513 | | XA419 | 17 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02514 | | XA419 | 18 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02515 | | XA419 | 19 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02516 | | XA419 | 20 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02517 | | XA419 | 21 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02518 | | XA419 | 22 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02519 | | XA419 | 23 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02520 | | XA419 | 24 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02521 | | XA419 | 25 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02522 | | XA419 | 26 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02523 | | XA419 | 27 | | | | | | | | | SPP | 01 | | | | | | | | |
| 00090 | | XA419 | 28 | | | | | | | | | +5V | 01 | | | | | | | | |
| 02524 | | XA419 | 29 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02525 | | XA419 | 30 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02526 | | XA419 | 31 | | | | | | | | | SPP | 01 | | | | | | | | |
| 00676 | | XA419 | 32 | | | | | | | | | GND | 01 | | | | | | | | |
| 02527 | | XA419 | 33 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02528 | | XA419 | 34 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02529 | | XA419 | 35 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02530 | | XA419 | 36 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02531 | | XA419 | 37 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02532 | | XA419 | 38 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02533 | | XA419 | 39 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02534 | | XA419 | 40 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02535 | | XA419 | 41 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02536 | | XA419 | 42 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02537 | | XA419 | 43 | | | | | | | | | SPP | 01 | | | | | | | | |
| 00677 | | XA419 | 44 | | | | | | | | | GND | 01 | | | | | | | | |
| 02538 | | XA419 | 45 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02539 | | XA419 | 46 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02540 | | XA419 | 47 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02541 | | XA419 | 48 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02542 | | XA419 | 49 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02543 | | XA419 | 50 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02544 | | XA419 | 51 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02545 | | XA419 | 52 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02546 | | XA419 | 53 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02547 | | XA419 | 54 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02548 | | XA419 | 55 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02549 | | XA419 | 56 | | | | | | | | | SPP | 01 | | | | | | | | |
| 02550 | | XA419 | 57 | | | | | | | | | SPP | 01 | | | | | | | | |
| 00678 | | XA419 | 58 | | | | | | | | | GND | 01 | | | | | | | | |
| CONNECTOR (XA419) CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA419
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 292

| RECORD NUMBER | FROM | | | REL TO | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | REL TO | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 02551 | | XA419 | 59 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02552 | | XA419 | 60 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02553 | | XA419 | 61 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02554 | | XA419 | 62 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02555 | | XA419 | 63 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02556 | | XA419 | 64 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02557 | | XA419 | 65 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02558 | | XA419 | 66 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 00679 | | XA419 | 67 | | | | | | | | | GND | 01 | | | | | | | | | |
| 02559 | | XA419 | 68 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02560 | | XA419 | 69 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02561 | | XA419 | 70 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02562 | | XA419 | 71 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02563 | | XA419 | 72 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02564 | | XA419 | 73 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02565 | | XA419 | 74 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02566 | | XA419 | 75 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02567 | | XA419 | 76 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02568 | | XA419 | 77 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02569 | | XA419 | 78 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02570 | | XA419 | 79 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02571 | | XA419 | 80 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 02572 | | XA420 | 01 | | | | | | | | | SPP | 01 | | | | OSC | | | | | |
| 00680 | | XA420 | 02 | | | | | | | | | GND | 01 | | | | OSC | | | | | |
| 02573 | | XA420 | 03 | | | | | | | | | SPP | 01 | | | | OSC | | | | | |
| 02574 | | XA420 | 04 | | | | | | | | | SPP | 01 | | | | OSC | | | | | |
| 02575 | | XA420 | 05 | | | | | | | | | SPP | 01 | | | | OSC | | | | | |
| 02576 | | XA420 | 06 | | | | | | | | | SPP | 01 | | | | OSC | | | | | |
| 02577 | | XA420 | 07 | | | | | | | | | SPP | 01 | | | | OSC | | | | | |
| 02578 | | XA420 | 08 | | | | | | | | | SPP | 01 | | | | OSC | | | | | |
| 02579 | | XA420 | 09 | | | | | | | | | SPP | 01 | | | | OSC | | | | | |
| 02580 | | XA420 | 10 | | | | | | | | | SPP | 01 | | | | OSC | | | | | |
| 02581 | | XA420 | 11 | | | | | | | | | SPP | 01 | | | | OSC | | | | | |
| 00091 | | XA420 | 12 | | | | | | | | | +5V | 01 | | | | OSC | | | | | |
| 02582 | | XA420 | 13 | | | | | | | | | SPP | 01 | | | | OSC | | | | | |
| 02583 | | XA420 | 14 | | | | | | | | | SPP | 01 | | | | OSC | | | | | |
| 02584 | | XA420 | 15 | | | | | | | | | SPP | 01 | | | | OSC | | | | | |
| 00681 | | XA420 | 16 | | | | | | | | | GND | 01 | | | | OSC | | | | | |
| 02585 | | XA420 | 17 | | | | | | | | | SPP | 01 | | | | OSC | | | | | |
| 02586 | | XA420 | 18 | | | | | | | | | SPP | 01 | | | | OSC | | | | | |
| 02587 | | XA420 | 19 | | | | | | | | | M | T01MHQ | 01 | | | OSC | | | | | |
| 02588 | | XA420 | 20 | | | | | | | | | SPP | 01 | | | | OSC | | | | | |
| 02589 | | XA420 | 21 | | | | | | | | | M | T01MHP | 01 | | | OSC | | | | | |
| 02590 | | XA420 | 22 | | | | | | | | | SPP | 01 | | | | OSC | | | | | |
| 02591 | | XA420 | 23 | | | | | | | | | M | T02MHP | 01 | | | OSC | | | | | |
| 02592 | | XA420 | 24 | | | | | | | | | SPP | 01 | | | | OSC | | | | | |
| 02593 | | XA420 | 25 | | | | | | | | | M | T02MHQ | 01 | | | OSC | | | | | |
| 02594 | | XA420 | 26 | | | | | | | | | M | T04MHK | 01 | | | OSC | | | | | |
| CONNECTOR XA420 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA420
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 293

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|------|--------|-----------|-----|------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SPFC | PREFIX | CONNECTOR | PIN | SPFC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 02595 | | XA420 | 27 | | | | | | | | | | SPP | 01 | | | OSC | | | | | | |
| 00092 | | XA420 | 28 | | | | | | | | | | +5V | 01 | | | OSC | | | | | | |
| 02596 | | XA420 | 29 | | XA420 | 52 | | | 16B | 9 | | | TOSCRA | 01 | | | OSC | | | | | | |
| 02597 | | XA420 | 30 | | XA427 | 69 | | | 16B | 9 | | | SPI004 | 30 | | | OSC | | | | | A03 | |
| 02598 | | XA420 | 31 | | | | | | | | | | SPP | 01 | | | OSC | | | | | | |
| 00682 | | XA420 | 32 | | | | | | | | | | GND | 01 | | | OSC | | | | | | |
| 02599 | | XA420 | 33 | | | | | | | | | | T04MHJ | 03 | | | OSC | 4 | | | | | |
| 02600 | | XA420 | 34 | | | | | | | | | | SPP | 01 | | | OSC | | | | | | |
| 02601 | | XA420 | 35 | | | | | | | | | | SPP | 01 | | | OSC | | | | | | |
| 02602 | | XA420 | 36 | | | | | | | | | | SPP | 01 | | | OSC | | | | | | |
| 02603 | | XA420 | 37 | | XA202 | 41 | | | 16B | 9 | | | T04MHK | 01 | | | OSC | 4C | | | | A01 | |
| 02604 | | XA420 | 38 | | | | | | | | | | SPP | 01 | | | OSC | | | | | | |
| 02605 | | XA420 | 39 | | | | | | | | | M | T08MHK | 01 | | | OSC | 8C | | | | | |
| 02606 | | XA420 | 40 | | | | | | | | | | SPP | 01 | | | OSC | | | | | | |
| 02607 | | XA420 | 41 | | | | | | | | | M | T08MHJ | 01 | | | OSC | 8 | | | | | |
| 02608 | | XA420 | 42 | | | | | | | | | | SPP | 01 | | | OSC | | | | | | |
| 02609 | | XA420 | 43 | | | | | | | | | | SPP | 01 | | | OSC | | | | | | |
| 00683 | | XA420 | 44 | | | | | | | | | | GND | 01 | | | OSC | | | | | | |
| 02610 | | XA420 | 45 | | | | | | | | | | SPP | 01 | | | OSC | | | | | | |
| 02611 | | XA420 | 46 | | | | | | | | | | SPP | 01 | | | OSC | | | | | | |
| 02612 | | XA420 | 47 | | XA420 | 48 | | | 16B | 9 | | | T16MHA | 01 | | | OSC | | | | | | |
| 02613 | | XA420 | 48 | | XA420 | 60 | | | 16B | 9 | | | T16MHA | 02 | | | OSC | 16 | | | | | |
| 02614 | | XA420 | 49 | | XA427 | 79 | | | 16B | 9 | | | SPI005 | 24 | | | OSC | | | | | | |
| 02615 | | XA420 | 50 | | XA427 | 50 | | | 16B | 9 | | | TXGN4A | 025 | | | OSC | | | | | A03 | |
| 02616 | | XA420 | 51 | | XA434 | 01 | | | 16B | 9 | | | T16MH0 | 00 | | | OSC | | | | | | |
| 02617 | | XA420 | 52 | | | | | | | | | | TOSCRA | 02 | | | OSC | | | | | | |
| 02618 | | XA420 | 53 | | | | | | | | | | SPP | 01 | | | OSC | | | | | | |
| 02619 | | XA420 | 54 | | | | | | | | | | T16MI0 | 06 | | | OSC | | | | | | |
| 02620 | | XA420 | 55 | | XA418 | 52 | | | 16B | 9 | | | SPI006 | 275 | | | OSC | | | | | | |
| 02621 | | XA420 | 56 | | | | | | | | | | SPP | 01 | | | OSC | | | | | | |
| 02622 | | XA420 | 57 | | | | | | | | | | SPP | 01 | | | OSC | | | | | | |
| 00684 | | XA420 | 58 | | | | | | | | | | GND | 01 | | | OSC | | | | | | |
| 02623 | | XA420 | 59 | | | | | | | | | | SPP | 01 | | | OSC | | | | | | |
| 02624 | | XA420 | 60 | | | | | | | | | | T16MHA | 03 | | | OSC | | | | | | |
| 02625 | | XA420 | 61 | | | | | | | | | | SPP | 01 | | | OSC | | | | | | |
| 02626 | | XA420 | 62 | | | | | | | | | | SPP | 01 | | | OSC | | | | | | |
| 02627 | | XA420 | 63 | | | | | | | | | | SPP | 01 | | | OSC | | | | | | |
| 02628 | | XA420 | 64 | | | | | | | | | | SPP | 01 | | | OSC | | | | | | |
| 02629 | | XA420 | 65 | | | | | | | | | | SPP | 01 | | | OSC | | | | | | |
| 02630 | | XA420 | 66 | | | | | | | | | | SPP | 01 | | | OSC | | | | | | |
| 00685 | | XA420 | 67 | | | | | | | | | | GND | 01 | | | OSC | | | | | | |
| 02631 | | XA420 | 68 | | | | | | | | | | SPP | 01 | | | OSC | | | | | | |
| 02632 | | XA420 | 69 | | | | | | | | | | SPP | 01 | | | OSC | | | | | | |
| 02633 | | XA420 | 70 | | | | | | | | | | SPP | 01 | | | OSC | | | | | | |
| 02634 | | XA420 | 71 | | | | | | | | | | SPP | 01 | | | OSC | | | | | | |
| 02635 | | XA420 | 72 | | | | | | | | | | SPP | 01 | | | OSC | | | | | | |
| 02636 | | XA420 | 73 | | | | | | | | | | SPP | 01 | | | OSC | | | | | | |
| 02637 | | XA420 | 74 | | | | | | | | | | SPP | 01 | | | OSC | | | | | | |
| 02638 | | XA420 | 75 | | | | | | | | | | SPP | 01 | | | OSC | | | | | | |
| 02639 | | XA420 | 76 | | | | | | | | | | SPP | 01 | | | OSC | | | | | | |
| CONNECTOR XA420 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA420
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 294

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|----------|--------|-----------|-----|----------|-------------|------|-------|---------|--------|----------|-------------|------------------|-------|---------------------|--------------------|--------------------|-----------------|
| | PREFIX | CONNECTOR | PIN | U.S. SH. | PREFIX | CONNECTOR | PIN | U.S. SH. | MULTI GROUP | CODE | COLOR | | | | | | | | | | |
| 02640 | | XA420 | 77 | | | | | | | | | SPP | 01 | | | OSC | | | | | |
| 02641 | | XA420 | 78 | | | | | | | | | SPP | 01 | | | OSC | | | | | |
| 02642 | | XA420 | 79 | | | | | | | | | SPP | 01 | | | OSC | | | | | |
| 02643 | | XA420 | 80 | | | | | | | | | SPP | 01 | | | OSC | | | | | |
| 00292 | | XA421 | 01 | | | | | | | | | DNW | 01 | | | MUX | | | | | |
| 00686 | | XA421 | 02 | | | | | | | | GND | 01 | | | | MUX | | | | 01B | |
| 05490 | | XA421 | 03 | | XA421 | 69 | | | 16B | 9 | | TR00BQ | 01 | TXDB01X | 01 1 | MUX | A1 | | | 02B | |
| 07085 | | XA421 | 04 | | XA424 | 53 | | | 16B | 9 | | TXDB01X | 01 | TXDB01X | 00 1 | MUX | A1 | | | 02A | INPUT MUX BIT 0 |
| 05610 | | XA421 | 05 | | XA422 | 71 | | | 16B | 9 | | TR248Q | 01 | TXDB01X | 01 2 | MUX | A1 | | | 03B | |
| 08401 | | XA421 | 06 | | | | | | | | | TXDB02X | 01 | TXDB02X | 00 1 | MUX | A2 | | | 03A | |
| 05530 | | XA421 | 07 | | XA421 | 71 | | | 16B | 9 | | TR09BQ | 01 | TXDB01X | 01 3 | MUX | A1 | | | 04B | |
| 07924 | | XA421 | 08 | | XA421 | 24 | | | 16B | 9 | | TXXD0Q | 04 | TXDB02X | 01 3 | MUX | A2 | | | 04A | |
| 05570 | | XA421 | 09 | | XA422 | 69 | | | 16B | 9 | | TR16BQ | 01 | TXDB01X | 01 4 | MUX | A1 | | | 05B | |
| 07952 | | XA421 | 10 | | XA422 | 10 | | | 16B | 9 | | TXXD0Q | 06 | TXDB02X | 01 2 | MUX | A2 | | | 05A | A03 |
| 06135 | | XA421 | 11 | | XA408 | 10 | | | 16B | 9 | | TTS18S | 04 | TXDB01X | 01 5 | MUX | A1 | | | 06B | |
| 00093 | | XA421 | 12 | | | | | | | | | +5V | 01 | | | MUX | | | | 08A | |
| 07270 | | XA421 | 13 | | XA423 | 13 | | | 16B | 9 | | TXGN5A | 09 | TXDB02X | 01 4 | MUX | A2 | | | 07A | |
| 07939 | | XA421 | 14 | | XA422 | 14 | | | 16B | 9 | | TXXD1Q | 07 | TXDB02X | 01 1 | MUX | A2 | | | 06A | A03 |
| 06219 | | XA421 | 15 | | XA408 | 13 | | | 16B | 9 | | TTS48S | 08 | TXDB01X | 01 6 | MUX | A1 | | | 07B | |
| 00687 | | XA421 | 16 | | | | | | | | | GND | 01 | | | MUX | | | | 20B | |
| 06191 | | XA421 | 17 | | XA408 | 07 | | | 16B | 9 | | TTS38S | 08 | TXDB01X | 01 8 | MUX | A1 | | | 08B | |
| 06163 | | XA421 | 18 | | XA408 | 05 | | | 16B | 9 | | TTS28S | 08 | TXDB01X | 01 7 | MUX | A1 | | | 09A | |
| 05495 | | XA421 | 19 | | XA421 | 75 | | | 16B | 9 | | TR01BQ | 01 | TXDB11X | 01 1 | MUX | B1 | | | 09B | |
| 07088 | | XA421 | 20 | | | | | | | | | TXDB11X | 02 | TXDB11X | 00 1 | MUX | B1 | | | 10A | |
| 05615 | | XA421 | 21 | | XA422 | 77 | | | 16B | 9 | | TR25BQ | 01 | TXDB11X | 01 2 | MUX | B1 | | | 10B | |
| 08402 | | XA421 | 22 | | | | | | | | | TXDB12X | 01 | TXDB12X | 00 1 | MUX | B2 | | | 11A | |
| 05535 | | XA421 | 23 | | XA421 | 77 | | | 16B | 9 | | TR09BQ | 01 | TXDB11X | 01 3 | MUX | B1 | | | 11B | |
| 07925 | | XA421 | 24 | | XA422 | 24 | | | 16B | 9 | | TXXD0Q | 05 | TXDB12X | 01 3 | MUX | B2 | | | 12A | |
| 05575 | | XA421 | 25 | | XA422 | 75 | | | 16B | 9 | | TR17BQ | 01 | TXDB11X | 01 4 | MUX | B1 | | | 12B | |
| 07951 | | XA421 | 26 | | XA421 | 10 | | | 16B | 9 | | TXXD0Q | 05 | TXDB12X | 01 2 | MUX | B2 | | | 13A | A03 |
| 07938 | | XA421 | 27 | | XA421 | 14 | | | 16B | 9 | | TXXD1Q | 06 | TXDB12X | 01 1 | MUX | B2 | | | 14A | A03 |
| 00094 | | XA421 | 28 | | | | | | | | | +5V | 01 | | | MUX | | | | 08A | |
| 05037 | | XA421 | 29 | | XA423 | 35 | | | 16B | 9 | | TRDY10X | 01 | TXDB11X | 01 5 | MUX | B1 | | | 13B | |
| 07268 | | XA421 | 30 | | XA422 | 13 | | | 16B | 9 | | TXGN5A | 07 | TXDB12X | 01 4 | MUX | B2 | | | 15A | |
| 05052 | | XA421 | 31 | | XA423 | 43 | | | 16B | 9 | | URDY40X | 01 | TXDB11X | 01 6 | MUX | B1 | | | 14B | B05 |
| 00688 | | XA421 | 32 | | | | | | | | | GND | 01 | | | MUX | | | | 27A | |
| 05047 | | XA421 | 33 | | XA423 | 39 | | | 16B | 9 | | URDY30X | 01 | TXDB11X | 01 8 | MUX | B1 | | | 16A | B05 |
| 05042 | | XA421 | 34 | | XA423 | 37 | | | 16B | 9 | | URDY20X | 01 | TXDB11X | 01 7 | MUX | B1 | | | 15B | B05 |
| 03536 | | XA421 | 35 | | | | | | | | | TADSA A | 04 | TADSW1X | 01 1 | MUX | C1 | | | 16B | B05 |
| 03509 | | XA421 | 36 | | | | | | | | | TADSW1X | 01 | TADSW1X | 00 1 | MUX | C1 | | | 17A | B05 |
| 03549 | | XA421 | 37 | | | | | | | | | TADS00 | 02 | TADSW1X | 01 2 | MUX | C1 | | | 17B | B05 |
| 08153 | | XA421 | 38 | | XA522 | 65 | | | 16B | 9 | | TADSW2X | 02 | TADSW2X | 00 1 | MUX | C2 | | | 18A | B05 |
| 03556 | | XA421 | 39 | | | | | | | | | TADS10 | 02 | TADSW1X | 01 3 | MUX | C1 | | | 18B | B05 |
| 06218 | | XA421 | 40 | | XA422 | 37 | | | 16B | 9 | | TADSD0X | 005 | TADSW2X | 01 3 | MUX | C2 | | | 19A | B05 |
| 01456 | | XA421 | 41 | | XA514 | 03 | | | 16B | 9 | | SPI008 | 31 | TADSW1X | 01 4 | MUX | C1 | | | 19B | C03 |
| 06190 | | XA421 | 42 | | XA423 | 18 | | | 16B | 9 | | TADSC0X | 01 | TADSW2X | 01 2 | MUX | C2 | | | 20A | B05 |
| 03563 | | XA421 | 43 | | XA422 | 18 | | | 16B | 9 | | TADSA0X | 005 | TADSW1X | 01 5 | MUX | C1 | | | 22B | B05 |
| 00689 | | XA421 | 44 | | | | | | | | | GND | 01 | | | MUX | | | | 40A | |
| CONNECTOR (XA421) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

H78-14 1309

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA421
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 295

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | KCO NO | |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|-------|----------|--------|----------|------|------------------|-------|---------------------|--------------------|--------------------|--------|-------------------|
| | PREFIX | CONNECTOR | PIN | SH FTG | PREFIX | CONNECTOR | PIN | SH FTG | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 01395 | | XA421 | 45 | | | XA422 | 47 | | | 16B | 9 | | SPI007 | 06 | TADSW1X | 01 | 6 | MUX | C1 | | 23B | | B05 |
| 06162 | | XA421 | 46 | | | | | | | | | | TADSB0X | 04 | TADSW2X | 01 | 1 | MUX | C2 | | 21A | | B05 |
| 01381 | | XA421 | 47 | | | XA420 | 55 | | | 16B | 9 | | SPI006 | 27 | TADSW1X | 01 | 7 | MUX | C1 | | 23A | | B05 |
| 07276 | | XA421 | 48 | | | XA421 | 68 | | | 16B | 9 | | TXGN6A | 04 | TADSW2X | 01 | 4 | MUX | C2 | | 22A | | B05 |
| 07898 | | XA421 | 49 | | | XA424 | 49 | | | 16B | 9 | | TXNDIP | 01 | TXDB4TA | 01 | 4 | MUX | D1 | | 24B | | |
| 01270 | | XA421 | 50 | | | XA422 | 41 | | | 16B | 9 | | SPI003 | 05 | TADSW1X | 01 | 8 | MUX | C1 | | 24A | | B05 |
| 06032 | | XA421 | 51 | | | XA517 | 78 | | | 16B | 9 | | TS2890 | 02 | TXDB4TA | 01 | 1 | MUX | D1 | | 25B | | |
| 07846 | | XA421 | 52 | | | | | | | | | | TXXCIO | 04 | TXDB4TA | 01 | 3 | MUX | D1 | | 25A | | |
| 07102 | | XA421 | 53 | | | | | | | | | | TXDB4IX | 02 | TXDB4TA | 01 | 2 | MUX | D1 | | 26B | | |
| 06049 | | XA421 | 54 | | | XA526 | 49 | | | 16B | 9 | | TS30CQ | 01 | TXDB4TC | 01 | 1 | MUX | D3 | | 26A | | |
| 07094 | | XA421 | 55 | | | | | | | | | | TXDB4TA | 02 | TXDB4TA | 00 | 1 | MUX | D1 | | 27B | | INPUT MULTIPLEXER |
| 07106 | | XA421 | 56 | | | | | | | | | | TXDB61X | 02 | TXDB4TC | 01 | 2 | MUX | D3 | | 28B | | |
| 06039 | | XA421 | 57 | | | XA526 | 31 | | | 16B | 9 | | TS29CQ | 01 | TXDB4TB | 01 | 1 | MUX | D2 | | 29B | | |
| 06690 | | XA421 | 58 | | | | | | | | | | GND | 01 | | | | MUX | | | 40B | | |
| 07103 | | XA421 | 59 | | | XA423 | 20 | | | 16B | 9 | | TXDB51X | 01 | TXDB4TB | 01 | 2 | MUX | D2 | | 30B | | |
| 07098 | | XA421 | 60 | | | | | | | | | | TXDB4TC | 02 | TXDB4TC | 00 | 1 | MUX | D3 | | 28A | | |
| 07095 | | XA421 | 61 | | | XA427 | 55 | | | 16B | 9 | | TXDB4TB | 01 | TXDB4TB | 00 | 1 | MUX | D2 | | 31B | | |
| 06055 | | XA421 | 62 | | | XA526 | 43 | | | 16B | 9 | | TS31CQ | 01 | TXDB4TD | 01 | 1 | MUX | D4 | | 29A | | |
| 07099 | | XA421 | 63 | | | XA427 | 59 | | | 16B | 9 | | TXDB4TD | 02 | TXDB4TD | 00 | 1 | MUX | D4 | | 31A | | |
| 07107 | | XA421 | 64 | | | XA424 | 20 | | | 16B | 9 | | TXDB71X | 01 | TXDB4TD | 01 | 2 | MUX | D4 | | 30A | | |
| 00293 | | XA421 | 65 | | | | | | | | | | DNW | 01 | | | | MUX | | | | | |
| 03982 | | XA421 | 66 | | | XA423 | 66 | | | 16B | 9 | | TC84BP | 04 | TW01D TA | 01 | 4 | MUX | F1 | | 32B | | B05 |
| 00691 | | XA421 | 67 | | | | | | | | | | GND | 01 | | | | MUX | | | | | |
| 07277 | | XA421 | 68 | | | XA422 | 68 | | | 16B | 9 | | TXGN6A | 05 | TW01D TA | 01 | 3 | MUX | F1 | | 33A | | |
| 05491 | | XA421 | 69 | | | XA530 | 61 | | | 16B | 9 | | TR00BQ | 02 | TW01D TA | 01 | 1 | MUX | E1 | | 32A | | |
| 05501 | | XA421 | 70 | | | XA530 | 78 | | | 16B | 9 | | TR02BQ | 02 | TW01D TC | 01 | 1 | MUX | E3 | | 34A | | |
| 05531 | | XA421 | 71 | | | XA531 | 37 | | | 16B | 9 | | TR08BQ | 02 | TW01D TA | 01 | 2 | MUX | E1 | | 33B | | |
| 05541 | | XA421 | 72 | | | XA531 | 49 | | | 16B | 9 | | TR10BQ | 02 | TW01D TC | 01 | 2 | MUX | E3 | | 35A | | |
| 06752 | | XA421 | 73 | | | XA423 | 51 | | | 16B | 9 | | TW01D TA | 01 | TW01D TA | 00 | 1 | MUX | E1 | | 34B | | |
| 06756 | | XA421 | 74 | | | XA423 | 54 | | | 16B | 9 | | TW01D TC | 01 | TW01D TC | 00 | 1 | MUX | E3 | | 36A | | |
| 05496 | | XA421 | 75 | | | XA530 | 55 | | | 16B | 9 | | TR01BQ | 02 | TW01D TB | 01 | 1 | MUX | E2 | | 35B | | |
| 05506 | | XA421 | 76 | | | XA530 | 74 | | | 16B | 9 | | TR03BQ | 02 | TW01D TD | 01 | 1 | MUX | E4 | | 37A | | |
| 05536 | | XA421 | 77 | | | XA531 | 31 | | | 16B | 9 | | TR09BQ | 02 | TW01D TB | 01 | 2 | MUX | E2 | | 36B | | |
| 05546 | | XA421 | 78 | | | XA531 | 43 | | | 16B | 9 | | TR11BQ | 02 | TW01D TD | 01 | 2 | MUX | F4 | | 38A | | |
| 06755 | | XA421 | 79 | | | | | | | | | | TW01D TB | 02 | TW01D TB | 00 | 1 | MUX | E2 | | 37B | | |
| 06759 | | XA421 | 80 | | | | | | | | | | TW01D TD | 02 | TW01D TD | 00 | 1 | MUX | F4 | | 38B | | |
| 00294 | | XA422 | 01 | | | | | | | | | | DNW | 01 | | | | MUX | | | | | |
| 00692 | | XA422 | 02 | | | | | | | | | | GND | 01 | | | | MUX | | | 01B | | |
| 05500 | | XA422 | 03 | | | XA421 | 70 | | | 16B | 9 | | TR02BQ | 01 | TXDB21X | 01 | 1 | MUX | A1 | | 02B | | |
| 07089 | | XA422 | 04 | | | XA424 | 56 | | | 16B | 9 | | TXDB21X | 01 | TXDB21X | 00 | 1 | MUX | A1 | | 02A | | |
| 05620 | | XA422 | 05 | | | XA422 | 72 | | | 16B | 9 | | TR26BQ | 01 | TXDB21X | 01 | 2 | MUX | A1 | | 03B | | |
| 08403 | | XA422 | 06 | | | | | | | | | | TXDB22X | 01 | TXDB22X | 00 | 1 | MUX | A2 | | 03A | | |
| 05540 | | XA422 | 07 | | | XA421 | 72 | | | 16B | 9 | | TR10BQ | 01 | TXDB21X | 01 | 3 | MUX | A1 | | 04B | | |
| 07923 | | XA422 | 08 | | | XA421 | 08 | | | 16B | 9 | | TXD5SQ | 03 | TXDB22X | 01 | 3 | MUX | A2 | | 04A | | |
| 05580 | | XA422 | 09 | | | XA422 | 70 | | | 16B | 9 | | TR18BQ | 01 | TXDB21X | 01 | 4 | MUX | A1 | | 05B | | |
| 07953 | | XA422 | 10 | | | XA423 | 10 | | | 16B | 9 | | TXD0Q | 07 | TXDB22X | 01 | 2 | MUX | A2 | | 05A | | A03 |
| 04392 | | XA422 | 11 | | | | | | | 16B | 9 | | TWDBSA | 04 | TXDB21X | 01 | 5 | MUX | A1 | | 06B | | B08 |
| 00095 | | XA422 | 12 | | | | | | | | | | +5V | 01 | | | | MUX | | | 08A | | |
| CONNECTOR XA422 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1310

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA422
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 296

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | CKT OR CHIP TYPE | DRUM | LOAD OR POWER PLANE | TEST POINTS | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------------|------|-------|------|--------|---------|----------|---------|------------------|------|---------------------|-------------|--------------------|--------------------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | WIRE | | | | | | | | | | |
| 07269 | | XA422 | 13 | | XA421 | 13 | | 168 | 9 | | | TXGN5A | 08 | TXDB22X | 01 | 4 | MUX | A2 | 07A | |
| 07940 | | XA422 | 14 | | XA423 | 14 | | 168 | 9 | | | TXXD10 | 08 | TXDB22X | 01 | 1 | MUX | A2 | 08A | A03 |
| 04407 | | XA422 | 15 | | XA424 | 43 | | 168 | 9 | | | UFPR40X | 01 | TXDB21X | 01 | 6 | MUX | A1 | 07B | B05 |
| 00693 | | XA422 | 16 | | | | | | | | | GND | 01 | | | | | | 20B | |
| 04402 | | XA422 | 17 | | XA424 | 39 | | 168 | 9 | | | UFPR30X | 01 | TXDB21X | 01 | 8 | MUX | A1 | 09B | B05 |
| 04397 | | XA422 | 18 | | XA424 | 37 | | 168 | 9 | | | TADSA0X | 01 | TXDB21X | 01 | 7 | MUX | A1 | 09A | B05 |
| 05505 | | XA422 | 19 | | XA421 | 76 | | 168 | 9 | | | TR03BQ | 01 | TXDB31X | 01 | 1 | MUX | B1 | 09B | |
| 07092 | | XA422 | 20 | | | | | | | | | TXDB31X | 02 | TXDB31X | 00 | 1 | MUX | B1 | 10A | |
| 05625 | | XA422 | 21 | | XA422 | 78 | | 168 | 9 | | | TR27BQ | 01 | TXDB31X | 01 | 2 | MUX | B1 | 10B | |
| 08404 | | XA422 | 22 | | | | | | | M | | TXDB32X | 01 | TXDB32X | 00 | 1 | MUX | B2 | 11A | |
| 05545 | | XA422 | 23 | | XA421 | 78 | | 168 | 9 | | | TR11BQ | 01 | TXDB31X | 01 | 3 | MUX | B1 | 11B | |
| 07926 | | XA422 | 24 | | XA423 | 24 | | 168 | 9 | | | TXX0S0 | 06 | TXDB32X | 01 | 3 | MUX | B2 | 12A | |
| 05585 | | XA422 | 25 | | XA422 | 76 | | 168 | 9 | | | TR19BQ | 01 | TXDB31X | 01 | 4 | MUX | B1 | 12B | |
| 07950 | | XA422 | 26 | | XA421 | 26 | | 168 | 9 | | | TXXD00 | 04 | TXDB32X | 01 | 2 | MUX | B2 | 13A | A03 |
| 07937 | | XA422 | 27 | | XA421 | 27 | | 168 | 9 | | | TXXD1Q | 05 | TXDB32X | 01 | 1 | MUX | B2 | 14A | A03 |
| 00096 | | XA422 | 28 | | | | | | | | | +5V | 01 | | | | | | 08A | |
| 05188 | | XA422 | 29 | | XA522 | 10 | | 168 | 9 | | | TREW10X | 01 | TXDB31X | 01 | 5 | MUX | B1 | 13B | |
| 07267 | | XA422 | 30 | | XA421 | 30 | | 168 | 9 | | | TXGN5A | 06 | TXDB32X | 01 | 4 | MUX | B2 | 15A | |
| 05225 | | XA422 | 31 | | XA522 | 13 | | 168 | 9 | | | UREW40X | 01 | TXDB31X | 01 | 6 | MUX | B1 | 14B | B05 |
| 00694 | | XA422 | 32 | | | | | | | | | GND | 01 | | | | | | 27A | |
| 05216 | | XA422 | 33 | | XA522 | 07 | | 168 | 9 | | | UREW30X | 01 | TXDB31X | 01 | 8 | MUX | B1 | 16A | B05 |
| 05205 | | XA422 | 34 | | XA421 | 46 | | 168 | 9 | | | TADSB0X | 03 | TXDB31X | 01 | 7 | MUX | B1 | 15B | B05 |
| 04353 | | XA422 | 35 | | XA545 | 29 | | 168 | 9 | | | TEOT10X | 06 | TADSX1X | 01 | 1 | MUX | C1 | 16B | B05 |
| 04329 | | XA422 | 36 | | | | | | | M | | TADSX1X | 01 | TADSX1X | 00 | 1 | MUX | C1 | 17A | B05 |
| 04365 | | XA422 | 37 | | XA423 | 34 | | 168 | 9 | | | TADSD0X | 01 | TADSX1X | 01 | 2 | MUX | C1 | 17B | B05 |
| 08244 | | XA422 | 38 | | | | | | | M | | TADSX2X | 01 | TADSX2X | 00 | 1 | MUX | C2 | 18A | B05 |
| 04373 | | XA422 | 39 | | XA545 | 40 | | 168 | 9 | | | UEOT30X | 02 | TADSX1X | 01 | 3 | MUX | C1 | 18B | B05 |
| 06217 | | XA422 | 40 | | XA421 | 15 | | 168 | 9 | | | TTS4BS | 06 | TADSX2X | 01 | 3 | MUX | C2 | 19A | B05 |
| 01271 | | XA422 | 41 | | XA423 | 41 | | 168 | 9 | | | SPI003 | 06 | TADSX1X | 01 | 4 | MUX | C1 | 19B | B05 |
| 06189 | | XA422 | 42 | | XA421 | 17 | | 168 | 9 | | | TTS3BS | 06 | TADSX2X | 01 | 2 | MUX | C2 | 20A | B05 |
| 04380 | | XA422 | 43 | | XA545 | 30 | | 168 | 9 | | | UEOT40X | 02 | TADSX1X | 01 | 5 | MUX | C1 | 22B | B05 |
| 00695 | | XA422 | 44 | | | | | | | | | GND | 01 | | | | | | 40A | |
| 01380 | | XA422 | 45 | | XA421 | 47 | | 168 | 9 | | | SPT006 | 26 | TADSX1X | 01 | 6 | MUX | C1 | 23B | B05 |
| 06161 | | XA422 | 46 | | XA421 | 18 | | 168 | 9 | | | TTS2BS | 06 | TADSX2X | 01 | 1 | MUX | C2 | 21A | B05 |
| 01396 | | XA422 | 47 | | XA424 | 45 | | 168 | 9 | | | SPI007 | 07 | TADSX1X | 01 | 7 | MUX | C1 | 23A | B05 |
| 07275 | | XA422 | 48 | | XA421 | 48 | | 168 | 9 | | | TXGN6A | 03 | TADSX2X | 01 | 4 | MUX | C2 | 22A | B05 |
| 03998 | | XA422 | 49 | | XA413 | 57 | | 168 | 9 | | | TC90BP | 005 | TW04DTA | 01 | 4 | MUX | D1 | 24B | B05 |
| 01455 | | XA422 | 50 | | XA421 | 41 | | 168 | 9 | | | SPI008 | 30 | TEOTX1X | 01 | 8 | MUX | C1 | 24A | |
| 06785 | | XA422 | 51 | | | | | | | | | TW05DTA | 02 | TW04DTA | 01 | 1 | MUX | D1 | 25B | |
| 06627 | | XA422 | 52 | | XA518 | 69 | | 168 | 9 | | | TWR12R | 03 | TW04DTA | 01 | 3 | MUX | D1 | 25A | |
| 06793 | | XA422 | 53 | | | | | | | | | TW06DTA | 02 | TW04DTA | 01 | 2 | MUX | D1 | 26B | |
| 06789 | | XA422 | 54 | | | | | | | | | TW05DTC | 02 | TW04DTC | 01 | 1 | MUX | D3 | 26A | |
| 06771 | | XA422 | 55 | | | | | | | | | TW04DTA | 04 | TW04DTA | 00 | 1 | MUX | D1 | 27B | WRITE DATA BIT 4 M |
| 06797 | | XA422 | 56 | | | | | | | | | TW06DTC | 02 | TW04DTC | 01 | 2 | MUX | D3 | 28B | |
| 06786 | | XA422 | 57 | | XA423 | 79 | | 168 | 9 | | | TW05DTB | 01 | TW04DTB | 01 | 1 | MUX | D2 | 29B | |
| 00696 | | XA422 | 58 | | | | | | | | | GND | 01 | | | | | | 40B | |
| 06794 | | XA422 | 59 | | XA424 | 79 | | 168 | 9 | | | TW06DTB | 01 | TW04DTB | 01 | 2 | MUX | D2 | 30B | |
| 06779 | | XA422 | 60 | | | | | | | | | TW04DTC | 04 | TW04DTC | 00 | 1 | MUX | D3 | 28A | |
| 06772 | | XA422 | 61 | | XA438 | 36 | | 168 | 9 | | | TW04DTB | 01 | TW04DTB | 00 | 1 | MUX | D2 | 31B | |
| 06790 | | XA422 | 62 | | XA423 | 80 | | 168 | 9 | | | TW05DTC | 01 | TW04DTC | 01 | 1 | MUX | D4 | 29A | |
| CONNECTOR XA422 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

H78-14 1311

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA422
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 297

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FT | PREFIX | CONNECTOR | PIN | SH FT | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 06780 | | XA422 | 63 | | XA438 | 30 | | | 16B | 9 | | TWO4DTD | 01 | TWO4DTD | 00 | 1 | MUX | D4 | | 31A | | |
| 06798 | | XA422 | 64 | | XA424 | 80 | | | 16B | 9 | | TWO6DTD | 01 | TWO4DTD | 01 | 2 | MUX | D4 | | 30A | | |
| 00295 | | XA422 | 65 | | | | | | | | | DNW | 01 | | | | MUX | | | | | |
| 03978 | | XA422 | 66 | | XA424 | 66 | | | 16B | 9 | | TC84BP | 06 | TWO2DTA | 01 | 4 | MUX | F1 | | 32B | B05 | |
| 00697 | | XA422 | 67 | | | | | | | | | GND | 01 | | | | MUX | | | | | |
| 07278 | | XA422 | 68 | | XA423 | 68 | | | 16B | 9 | | TXGN5A | 06 | TWO2DTA | 01 | 3 | MUX | F1 | | 33A | | |
| 05571 | | XA422 | 69 | | XA532 | 13 | | | 16B | 9 | | TR16BQ | 02 | TWO2DTA | 01 | 1 | MUX | F1 | | 32A | | |
| 05581 | | XA422 | 70 | | XA532 | 25 | | | 16B | 9 | | TR18BQ | 02 | TWO2DTC | 01 | 1 | MUX | F3 | | 34A | | |
| 05611 | | XA422 | 71 | | XA532 | 61 | | | 16B | 9 | | TR24BQ | 02 | TWO2DTA | 01 | 2 | MUX | F1 | | 33B | | |
| 05621 | | XA422 | 72 | | XA532 | 78 | | | 16B | 9 | | TR26BQ | 02 | TWO2DTC | 01 | 2 | MUX | F3 | | 35A | | |
| 06760 | | XA422 | 73 | | XA423 | 53 | | | 16B | 9 | | TWO2DTA | 01 | TWO2DTA | 00 | 1 | MUX | F1 | | 34B | | |
| 06764 | | XA422 | 74 | | XA423 | 56 | | | 16B | 9 | | TWO2DTC | 01 | TWO2DTC | 00 | 1 | MUX | F3 | | 36A | | |
| 05576 | | XA422 | 75 | | XA532 | 07 | | | 16B | 9 | | TR17BQ | 02 | TWO2DTB | 01 | 1 | MUX | E2 | | 35B | | |
| 05586 | | XA422 | 76 | | XA532 | 19 | | | 16B | 9 | | TR19BQ | 02 | TWO2DTD | 01 | 1 | MUX | F4 | | 37A | | |
| 05616 | | XA422 | 77 | | XA532 | 55 | | | 16B | 9 | | TR25BQ | 02 | TWO2DTB | 01 | 2 | MUX | E2 | | 36B | | |
| 05626 | | XA422 | 78 | | XA532 | 74 | | | 16B | 9 | | TR27BQ | 02 | TWO2DTD | 01 | 2 | MUX | F4 | | 38A | | |
| 06763 | | XA422 | 79 | | | | | | | | | TWO2DTB | 02 | TWO2DTB | 00 | 1 | MUX | E2 | | 37B | | |
| 06767 | | XA422 | 80 | | | | | | | | | TWO2DTD | 02 | TWO2DTD | 00 | 1 | MUX | F4 | | 38B | | |
| 00296 | | XA423 | 01 | | | | | | | | | DNW | 01 | | | | MUX | | | | | |
| 00698 | | XA423 | 02 | | | | | | | | | GND | 01 | | | | MUX | | | 01B | | |
| 05510 | | XA423 | 03 | | XA423 | 69 | | | 16B | 9 | | TR04BQ | 01 | TXDB41X | 01 | 1 | MUX | A1 | | 02B | | |
| 07101 | | XA423 | 04 | | XA421 | 53 | | | 16B | 9 | | TXDB41X | 01 | TXDB41X | 00 | 1 | MUX | A1 | | 02A | | |
| 05630 | | XA423 | 05 | | XA424 | 71 | | | 16B | 9 | | TR28BQ | 01 | TXDB41X | 01 | 2 | MUX | A1 | | 03B | | |
| 08405 | | XA423 | 06 | | | | | | | | M | TXDB42X | 01 | TXDB42X | 00 | 1 | MUX | A2 | | 03A | | |
| 05550 | | XA423 | 07 | | XA423 | 71 | | | 16B | 9 | | TR12BQ | 01 | TXDB41X | 01 | 3 | MUX | A1 | | 04B | | |
| 07922 | | XA423 | 08 | | XA422 | 08 | | | 16B | 9 | | TXXD0Q | 02 | TXDB42X | 01 | 3 | MUX | A2 | | 04A | | |
| 05590 | | XA423 | 09 | | XA424 | 69 | | | 16B | 9 | | TR20BQ | 01 | TXDB41X | 01 | 4 | MUX | A1 | | 05B | | |
| 07954 | | XA423 | 10 | | XA424 | 10 | | | 16B | 9 | | TXXD0Q | 08 | TXDB42X | 01 | 2 | MUX | A2 | | 05A | A03 | |
| 03535 | | XA423 | 11 | | XA408 | 56 | | | 16B | 9 | | TBOT10X | 01 | TXDB41X | 01 | 5 | MUX | A1 | | 06B | B05 | |
| 00097 | | XA423 | 12 | | | | | | | | | +5V | 01 | | | | MUX | | | 08A | | |
| 07271 | | XA423 | 13 | | XA424 | 13 | | | 16B | 9 | | TXGN5A | 10 | TXDB42X | 01 | 4 | MUX | A2 | | 07A | | |
| 07941 | | XA423 | 14 | | XA424 | 14 | | | 16B | 9 | | TXXD1Q | 09 | TXDB42X | 01 | 1 | MUX | A2 | | 06A | A03 | |
| 03562 | | XA423 | 15 | | XA545 | 03 | | | 16B | 9 | | UBOT40X | 01 | TXDB41X | 01 | 6 | MUX | A1 | | 07B | B05 | |
| 00699 | | XA423 | 16 | | | | | | | | | GND | 01 | | | | MUX | | | 20B | | |
| 03555 | | XA423 | 17 | | XA545 | 10 | | | 16B | 9 | | UBOT30X | 01 | TXDB41X | 01 | 8 | MUX | A1 | | 08B | B05 | |
| 03548 | | XA423 | 18 | | XA545 | 15 | | | 16B | 9 | | TADSCOX | 02 | TXDB41X | 01 | 7 | MUX | A1 | | 09A | B05 | |
| 05515 | | XA423 | 19 | | XA423 | 75 | | | 16B | 9 | | TR05BQ | 01 | TXDB51X | 01 | 1 | MUX | B1 | | 09B | | |
| 07104 | | XA423 | 20 | | | | | | | | | TXDB51X | 02 | TXDB51X | 00 | 1 | MUX | B1 | | 10A | | |
| 05635 | | XA423 | 21 | | XA424 | 77 | | | 16B | 9 | | TR29BQ | 01 | TXDB51X | 01 | 2 | MUX | B1 | | 10B | | |
| 08406 | | XA423 | 22 | | | | | | | | M | TXDB52X | 01 | TXDB52X | 00 | 1 | MUX | B2 | | 11A | | |
| 05555 | | XA423 | 23 | | XA423 | 77 | | | 16B | 9 | | TR13BQ | 01 | TXDB51X | 01 | 3 | MUX | B1 | | 11B | | |
| 07927 | | XA423 | 24 | | XA424 | 24 | | | 16B | 9 | | TXXD0Q | 07 | TXDB52X | 01 | 3 | MUX | B2 | | 12A | | |
| 05595 | | XA423 | 25 | | XA424 | 75 | | | 16B | 9 | | TR21BQ | 01 | TXDB51X | 01 | 4 | MUX | B1 | | 12B | | |
| 07949 | | XA423 | 26 | | XA422 | 26 | | | 16B | 9 | | TXXD0Q | 03 | TXDB52X | 01 | 2 | MUX | B2 | | 13A | A03 | |
| 07936 | | XA423 | 27 | | XA422 | 27 | | | 16B | 9 | | TXXD1Q | 04 | TXDB52X | 01 | 1 | MUX | B2 | | 14A | A03 | |
| 00098 | | XA423 | 28 | | | | | | | | | +5V | 01 | | | | MUX | | | 08A | | |
| 04352 | | XA423 | 29 | | XA422 | 35 | | | 16B | 9 | | TEOT10X | 05 | TXDB51X | 01 | 5 | MUX | B1 | | 13B | B05 | |
| 07266 | | XA423 | 30 | | XA422 | 30 | | | 16B | 9 | | TXGN5A | 05 | TXDB52X | 01 | 4 | MUX | B2 | | 15A | | |
| CONNECTOR (XA423) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA423
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 298

| RECORD NUMBER | FROM | | | SH FC | TO | | | MULTI GROUP | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|-----|-------|--------|-----------|-----|-------------|------|-------|-------|---------|--------|----------|------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | | CODE | COLOR | IDENT | | | | | | | | | | | |
| 04379 | | XA423 | 31 | | XA422 | 43 | | 16B | 9 | | | UE0T40X | 01 | TXDB51X | 01 | 6 | MUX | B1 | | 14B | | B05 |
| 00700 | | XA423 | 32 | | | | | | | | | GND | 01 | | | | MUX | | | 27A | | |
| 04372 | | XA423 | 33 | | XA422 | 39 | | 16B | 9 | | | UE0T30X | 01 | TXDB51X | 01 | 8 | MUX | B1 | | 16A | | B05 |
| 04366 | | XA423 | 34 | | XA545 | 35 | | 16B | 9 | | | TADS00X | 02 | TXDB51X | 01 | 7 | MUX | B1 | | 15B | | B05 |
| 05038 | | XA423 | 35 | | XA522 | 74 | | 16B | 9 | | | TRDY10X | 02 | URDYX1X | 01 | 1 | MUX | C1 | | 16B | | B05 |
| 05034 | | XA423 | 36 | | | | | | | | M | URDYX1X | 02 | URDYX1X | 00 | 1 | MUX | C1 | | 17A | READY MULTIPLEXER | B05 |
| 05043 | | XA423 | 37 | | XA546 | 75 | | 16B | 9 | | | URDY20X | 02 | URDYX1X | 01 | 2 | MUX | C1 | | 17B | | B05 |
| 08282 | | XA423 | 38 | | | | | | | | M | URDYX2X | 01 | URDYX2X | 00 | 1 | MUX | C2 | | 18A | | B05 |
| 05048 | | XA423 | 39 | | XA546 | 76 | | 16B | 9 | | | URDY30X | 02 | URDYX1X | 01 | 3 | MUX | C1 | | 18B | | B05 |
| 06216 | | XA423 | 40 | | XA422 | 40 | | 16B | 9 | | | TTS48S | 05 | URDYX2X | 01 | 3 | MUX | C2 | | 19A | | B05 |
| 01272 | | XA423 | 41 | | XA424 | 50 | | 16B | 9 | | | SPI003 | 07 | URDYX1X | 01 | 4 | MUX | C1 | | 19B | | B05 |
| 06188 | | XA423 | 42 | | XA422 | 42 | | 16B | 9 | | | TTS38S | 05 | URDYX2X | 01 | 2 | MUX | C2 | | 20A | | B05 |
| 05053 | | XA423 | 43 | | XA546 | 68 | | 16B | 9 | | | URDY40X | 02 | URDYX1X | 01 | 5 | MUX | C1 | | 22B | | B05 |
| 00701 | | XA423 | 44 | | | | | | | | | GND | 01 | | | | MUX | | | 40A | | |
| 01454 | | XA423 | 45 | | XA422 | 50 | | 16B | 9 | | | SPI008 | 29 | URDYX1X | 01 | 6 | MUX | C1 | | 23B | | B05 |
| 06160 | | XA423 | 46 | | XA422 | 46 | | 16B | 9 | | | TTS28S | 05 | URDYX2X | 01 | 1 | MUX | C2 | | 21A | | B05 |
| 01379 | | XA423 | 47 | | XA422 | 45 | | 16B | 9 | | | SPI006 | 25 | URDYX1X | 01 | 7 | MUX | C1 | | 23A | | B05 |
| 07274 | | XA423 | 48 | | XA422 | 48 | | 16B | 9 | | | TXGN6A | 02 | URDYX2X | 01 | 4 | MUX | C2 | | 22A | | B05 |
| 03997 | | XA423 | 49 | | XA422 | 49 | | 16B | 9 | | | TC90BP | 00C | TWO00TA | 01 | 4 | MUX | D1 | | 24B | | B05 |
| 01398 | | XA423 | 50 | | XA425 | 51 | | 16B | 9 | | | SPI007 | 09 | URDYX1X | 01 | 8 | MUX | C1 | | 24A | | B05 |
| 06753 | | XA423 | 51 | | | | | | | | | TWO1DTA | 02 | TWO00TA | 01 | 1 | MUX | D1 | | 25B | | |
| 06626 | | XA423 | 52 | | XA422 | 52 | | 16B | 9 | | | TWR12R | 02 | TWO00TA | 01 | 3 | MUX | D1 | | 25A | | |
| 06761 | | XA423 | 53 | | | | | | | | | TWO2DTA | 02 | TWO00TA | 01 | 2 | MUX | D1 | | 26B | | |
| 06757 | | XA423 | 54 | | | | | | | | | TWO10TC | 02 | TWO00TC | 01 | 1 | MUX | D3 | | 26A | | |
| 06739 | | XA423 | 55 | | | | | | | | | TWO00TA | 04 | TWO00TA | 00 | 1 | MUX | D1 | | 27B | WRITE DATA BIT 0 H | |
| 06765 | | XA423 | 56 | | | | | | | | | TWO2DTA | 02 | TWO00TC | 01 | 2 | MUX | D3 | | 28B | | |
| 06754 | | XA423 | 57 | | XA421 | 79 | | 16B | 9 | | | TWO10TB | 01 | TWO00TB | 01 | 1 | MUX | D2 | | 29B | | |
| 00702 | | XA423 | 58 | | | | | | | | | GND | 01 | | | | MUX | | | 40B | | |
| 06762 | | XA423 | 59 | | XA422 | 79 | | 16B | 9 | | | TWO2DTB | 01 | TWO00TB | 01 | 2 | MUX | D2 | | 30B | | |
| 06747 | | XA423 | 60 | | | | | | | | | TWO00TC | 04 | TWO00TC | 00 | 1 | MUX | D3 | | 28A | | |
| 06740 | | XA423 | 61 | | XA438 | 33 | | 16B | 9 | | | TWO00TB | 01 | TWO00TB | 00 | 1 | MUX | D2 | | 31B | | |
| 06758 | | XA423 | 62 | | XA421 | 80 | | 16B | 9 | | | TWO10TD | 01 | TWO00TD | 01 | 1 | MUX | D4 | | 29A | | |
| 06748 | | XA423 | 63 | | XA438 | 37 | | 16B | 9 | | | TWO00TD | 01 | TWO00TD | 00 | 1 | MUX | D4 | | 31A | | |
| 06766 | | XA423 | 64 | | XA422 | 80 | | 16B | 9 | | | TWO2DTD | 01 | TWO00TD | 01 | 2 | MUX | D4 | | 30A | | |
| 00297 | | XA423 | 65 | | | | | | | | | DNW | 01 | | | | MUX | | | | | |
| 03983 | | XA423 | 66 | | XA422 | 66 | | 16B | 9 | | | TC848P | 05 | TWO50TA | 01 | 4 | MUX | E1 | | 32B | | B05 |
| 00703 | | XA423 | 67 | | | | | | | | | GND | 01 | | | | MUX | | | | | |
| 07279 | | XA423 | 68 | | XA424 | 68 | | 16B | 9 | | | TXGN6A | 07 | TWO50TA | 01 | 3 | MUX | E1 | | 33A | | |
| 05511 | | XA423 | 69 | | XA531 | 13 | | 16B | 9 | | | TR048Q | 02 | TWO50TA | 01 | 1 | MUX | E1 | | 32A | | |
| 05521 | | XA423 | 70 | | XA531 | 25 | | 16B | 9 | | | TR068Q | 02 | TWO50TC | 01 | 1 | MUX | E3 | | 34A | | |
| 05551 | | XA423 | 71 | | XA531 | 61 | | 16B | 9 | | | TR128Q | 02 | TWO50TA | 01 | 2 | MUX | E1 | | 33B | | |
| 05561 | | XA423 | 72 | | XA531 | 78 | | 16B | 9 | | | TR148Q | 02 | TWO50TC | 01 | 2 | MUX | E3 | | 35A | | |
| 06784 | | XA423 | 73 | | XA422 | 51 | | 16B | 9 | | | TWO50TA | 01 | TWO50TA | 00 | 1 | MUX | E1 | | 34B | | |
| 06788 | | XA423 | 74 | | XA422 | 54 | | 16B | 9 | | | TWO50TC | 01 | TWO50TC | 00 | 1 | MUX | E3 | | 36A | | |
| 05516 | | XA423 | 75 | | XA531 | 07 | | 16B | 9 | | | TR058Q | 02 | TWO50TB | 01 | 1 | MUX | E2 | | 35B | | |
| 05526 | | XA423 | 76 | | XA531 | 19 | | 16B | 9 | | | TR078Q | 02 | TWO50TD | 01 | 1 | MUX | E4 | | 37A | | |
| 05556 | | XA423 | 77 | | XA531 | 55 | | 16B | 9 | | | TR138Q | 02 | TWO50TB | 01 | 2 | MUX | E2 | | 36B | | |
| 05566 | | XA423 | 78 | | XA531 | 74 | | 16B | 9 | | | TR158Q | 02 | TWO50TD | 01 | 2 | MUX | E4 | | 38A | | |
| 06787 | | XA423 | 79 | | | | | | | | | TWO50TB | 02 | TWO50TB | 00 | 1 | MUX | E2 | | 37B | | |
| 06791 | | XA423 | 80 | | | | | | | | | TWO50TD | 02 | TWO50TD | 00 | 1 | MUX | E4 | | 38B | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA424
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 299

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CHK OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|----------------|-----|-----------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FTG | PREFIX | CONNECTOR | PIN | SH FTG | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | SPEC INST NUSS | AND | | |
| 00298 | | XA424 | 01 | | | | | | | | | | DNW | 01 | | | | | | | | | | |
| 00704 | | XA424 | 02 | | | | | | | | | | GND | 01 | | | | | | | | 01B | | |
| 05520 | | XA424 | 03 | | XA423 | 70 | | | 16B | 9 | | | TR06BQ | 01 | TXDB61X | 01 | 1 | MUX | A1 | | | 02B | | |
| 07105 | | XA424 | 04 | | XA421 | 56 | | | 16B | 9 | | | TXDB61X | 01 | TXDB61X | 00 | 1 | MUX | A1 | | | 02A | | |
| 05640 | | XA424 | 05 | | XA424 | 72 | | | 16B | 9 | | | TR30BQ | 01 | TXDR61X | 01 | 2 | MUX | A1 | | | 03B | | |
| 08407 | | XA424 | 06 | | | | | | | | | M | TXDB62X | 01 | TXDB62X | 00 | 1 | MUX | A2 | | | 03A | | |
| 05560 | | XA424 | 07 | | XA423 | 72 | | | 16B | 9 | | | TR14BQ | 01 | TXDB61X | 01 | 3 | MUX | A1 | | | 04B | | |
| 07921 | | XA424 | 08 | | XA423 | 08 | | | 16B | 9 | | | TXXDSQ | 01 | TXDB62X | 01 | 3 | MUX | A2 | | | 04A | | |
| 05600 | | XA424 | 09 | | XA424 | 70 | | | 16B | 9 | | | TR228Q | 01 | TXDB61X | 01 | 4 | MUX | A1 | | | 05B | | |
| 07955 | | XA424 | 10 | | XA436 | 05 | | | 16B | 9 | | | TXXD0Q | 09 | TXDB62X | 01 | 2 | MUX | A2 | | | 05A | A03 | |
| 07241 | | XA424 | 11 | | XA436 | 18 | | | 16B | 9 | | | TXGN1A | 04 | TXDB61X | 01 | 5 | MUX | A1 | | | 06B | | |
| 00099 | | XA424 | 12 | | | | | | | | | | +5V | 01 | | | | | | | | 08A | | |
| 07272 | | XA424 | 13 | | | | | | | | | | TXGN5A | 11 | TXDB62X | 01 | 4 | MUX | A2 | | | 07A | | |
| 07942 | | XA424 | 14 | | XA430 | 70 | | | 16B | 9 | | | TXXD1Q | 10 | TXDB62X | 01 | 1 | MUX | A2 | | | 06A | A03 | |
| 06047 | | XA424 | 15 | | XA526 | 25 | | | 16B | 9 | | | TS30BQ | 01 | TXDB61X | 01 | 6 | MUX | A1 | | | 07B | | |
| 00705 | | XA424 | 16 | | | | | | | | | | GND | 01 | | | | | | | | 20B | | |
| 05651 | | XA424 | 17 | | | | | | | | | | TSBZY0 | 02 | TXDB61X | 01 | 8 | MUX | A1 | | | 08B | | |
| 06017 | | XA424 | 18 | | XA526 | 13 | | | 16B | 9 | | | TS14BQ | 01 | TXDB61X | 01 | 7 | MUX | A1 | | | 09A | | |
| 05525 | | XA424 | 19 | | XA423 | 76 | | | 16B | 9 | | | TR07BQ | 01 | TXDB71X | 01 | 1 | MUX | B1 | | | 09B | | |
| 07108 | | XA424 | 20 | | | | | | | | | | TXDB71X | 02 | TXDB71X | 00 | 1 | MUX | B1 | | | 10A | INPUT MUX BIT 7 | |
| 05645 | | XA424 | 21 | | XA424 | 78 | | | 16B | 9 | | | TR315Q | 01 | TXDB71X | 01 | 2 | MUX | B1 | | | 10B | | |
| 08408 | | XA424 | 22 | | | | | | | | | M | TXDB72X | 01 | TXDB72X | 00 | 1 | MUX | B2 | | | 11A | | |
| 05565 | | XA424 | 23 | | XA423 | 78 | | | 16B | 9 | | | TR15BQ | 01 | TXDB71X | 01 | 3 | MUX | B1 | | | 11B | | |
| 07928 | | XA424 | 24 | | XA430 | 66 | | | 16B | 9 | | | TXXDSQ | 08 | TXDB72X | 01 | 3 | MUX | B2 | | | 12A | | |
| 05605 | | XA424 | 25 | | XA424 | 76 | | | 16B | 9 | | | TR23BQ | 01 | TXDB71X | 01 | 4 | MUX | B1 | | | 12B | | |
| 07948 | | XA424 | 26 | | XA423 | 26 | | | 16B | 9 | | | TXXD0Q | 02 | TXDB72X | 01 | 2 | MUX | B2 | | | 13A | A03 | |
| 07935 | | XA424 | 27 | | XA423 | 27 | | | 16B | 9 | | | TXXD1Q | 03 | TXDB72X | 01 | 1 | MUX | B2 | | | 14A | A03 | |
| 00100 | | XA424 | 28 | | | | | | | | | | +5V | 01 | | | | | | | | 08A | | |
| 07240 | | XA424 | 29 | | XA424 | 11 | | | 16B | 9 | | | TXGN1A | 03 | TXDB71X | 01 | 5 | MUX | B1 | | | 13B | | |
| 07265 | | XA424 | 30 | | XA423 | 30 | | | 16B | 9 | | | TXGN5A | 04 | TXDB72X | 01 | 4 | MUX | B2 | | | 15A | | |
| 06053 | | XA424 | 31 | | XA526 | 19 | | | 16B | 9 | | | TS31BQ | 01 | TXDB71X | 01 | 6 | MUX | B1 | | | 14B | | |
| 00706 | | XA424 | 32 | | | | | | | | | | GND | 01 | | | | | | | | 27A | | |
| 06023 | | XA424 | 33 | | XA526 | 07 | | | 16B | 9 | | | TS23BQ | 01 | TXDB71X | 01 | 8 | MUX | B1 | | | 16A | | |
| 06020 | | XA424 | 34 | | | | | | | | | | TS159Q | 02 | TXDB71X | 01 | 7 | MUX | B1 | | | 15B | | |
| 04393 | | XA424 | 35 | | XA545 | 47 | | | 16B | 9 | | | TFPR10X | 02 | UFPRX1X | 01 | 1 | MUX | C1 | | | 16B | B05 | |
| 08249 | | XA424 | 36 | | | | | | | | | M | UFPRX1X | 01 | UFPRX1X | 00 | 1 | MUX | C1 | | | 17A | FILE PROTECT MULTIB05 | |
| 04398 | | XA424 | 37 | | XA545 | 56 | | | 16B | 9 | | | TADS40X | 02 | UFPRX1X | 01 | 2 | MUX | C1 | | | 17B | C01 | |
| 04389 | | XA424 | 38 | | | | | | | | | M | UFPRX2X | 04 | UFPRX2X | 00 | 1 | MUX | C2 | | | 18A | B05 | |
| 04403 | | XA424 | 39 | | XA545 | 57 | | | 16B | 9 | | | UFPR30X | 02 | UFPRX1X | 01 | 3 | MUX | C1 | | | 18B | B05 | |
| 06215 | | XA424 | 40 | | XA423 | 40 | | | 16B | 9 | | | TTS4BS | 04 | UFPRX2X | 01 | 3 | MUX | C2 | | | 19A | B05 | |
| 01378 | | XA424 | 41 | | XA423 | 47 | | | 16B | 9 | | | SPI006 | 24 | UFPRX1X | 01 | 4 | MUX | C1 | | | 19B | B05 | |
| 06187 | | XA424 | 42 | | XA423 | 42 | | | 16B | 9 | | | TTS3BS | 04 | UFPRX2X | 01 | 2 | MUX | C2 | | | 20A | B05 | |
| 04408 | | XA424 | 43 | | XA545 | 48 | | | 16B | 9 | | | UFPR40X | 02 | UFPRX1X | 01 | 5 | MUX | C1 | | | 22B | B05 | |
| 00707 | | XA424 | 44 | | | | | | | | | | GND | 01 | | | | | | | | 40A | | |
| 01397 | | XA424 | 45 | | XA423 | 50 | | | 16B | 9 | | | SPI007 | 08 | UFPRX1X | 01 | 6 | MUX | C1 | | | 23B | B05 | |
| 06159 | | XA424 | 46 | | XA423 | 46 | | | 16B | 9 | | | TTS2BS | 04 | UFPRX2X | 01 | 1 | MUX | C2 | | | 21A | B05 | |
| 01453 | | XA424 | 47 | | XA423 | 45 | | | 16B | 9 | | | SPI008 | 28 | UFPRX1X | 01 | 7 | MUX | C1 | | | 23A | B05 | |
| 07273 | | XA424 | 48 | | XA423 | 48 | | | 16B | 9 | | | TXGN6A | 01 | UFPRX2X | 01 | 4 | MUX | C2 | | | 22A | B05 | |
| 07899 | | XA424 | 49 | | XA429 | 73 | | | 16B | 9 | | | TXXDIP | 02 | TXDB0TA | 01 | 4 | MUX | D1 | | | 24B | | |
| 01273 | | XA424 | 50 | | XA442 | 39 | | | 16B | 9 | | | SPI003 | 08 | UFPRX1X | 01 | 8 | MUX | C1 | | | 24A | B05 | |
| CONNECTOR XA424 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA424
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 300

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | FCO NO |
|---------------|--------|-----------|---------------------------------|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------|--------|----------|------|------------------|-------|---------------------|--------------------|---------------------|--------|
| | PREFIX | CONNECTOR | PIN | SR FC | PREFIX | CONNECTOR | PIN | SR FC | MULTI GROUP | CODE | COLOR | IDEN. | | | | | | | | | | |
| 03508 | | XA424 | 51 | | XA423 | 11 | | | 16B | 9 | | | TB0T10X | 005 | TXDB0TA | 01 | 1 | MUX | D1 | 25B | B05 | |
| 07845 | | XA424 | 52 | | XA421 | 52 | | | 16B | 9 | | | TXXC1Q | 03 | TXDB0TA | 01 | 3 | MUX | D1 | 25A | | |
| 07085 | | XA424 | 53 | | | | | | | | | | TXDB01X | 02 | TXDB0TA | 01 | 2 | MUX | D1 | 26B | | |
| 06029 | | XA424 | 54 | | XA526 | 37 | | | 16B | 9 | | | TS26CQ | 01 | TXDB0TC | 01 | 1 | MUX | D3 | 26A | | |
| 07077 | | XA424 | 55 | | XA427 | 39 | | | 16B | 9 | | | TXDB0TA | 01 | TXDB0TA | 00 | 1 | MUX | D1 | 27B | INPUT MULTIPLEXER | |
| 07090 | | XA424 | 56 | | | | | | | | | | TXDB21X | 02 | TXDB0TC | 01 | 2 | MUX | D3 | 28B | | |
| 04328 | | XA424 | 57 | | XA423 | 29 | | | 16B | 9 | | | TE0T10X | 04 | TXDB0TB | 01 | 1 | MUX | D2 | 29B | B05 | |
| 00708 | | XA424 | 58 | | | | | | | | | | GND | 01 | | | | MUX | | 40B | | |
| 07087 | | XA424 | 59 | | XA421 | 20 | | | 16B | 9 | | | TXDB11X | 01 | TXDB0TB | 01 | 2 | MUX | D2 | 30B | | |
| 07081 | | XA424 | 60 | | XA427 | 43 | | | 16B | 9 | | | TXDB0TC | 01 | TXDB0TC | 00 | 1 | MUX | D3 | 28A | | |
| 07080 | | XA424 | 61 | | | | | | | | | | TXDB0TB | 02 | TXDB0TB | 00 | 1 | MUX | D2 | 31B | B05 | |
| 04771 | | XA424 | 62 | | XA522 | 69 | | | 16B | 9 | | | TRDY1A | 01 | TXDB0TD | 01 | 1 | MUX | D4 | 29A | | |
| 07084 | | XA424 | 63 | | | | | | | | | | TXDB0TD | 02 | TXDB0TD | 00 | 1 | MUX | D4 | 31A | | |
| 07091 | | XA424 | 64 | | XA422 | 20 | | | 16B | 9 | | | TXDB31X | 01 | TXDB0TD | 01 | 2 | MUX | D4 | 30A | | |
| 00299 | | XA424 | 65 | | | | | | | | | | DNW | 01 | | | | | | | C03 | |
| 03979 | | XA424 | 66 | | XA527 | 74 | | | 16B | 9 | | | TC848P | 07 | TW06DTA | 01 | 4 | MUX | E1 | 32B | | |
| 00709 | | XA424 | 67 | | | | | | | | | | GND | 01 | | | | | | | | |
| 07280 | | XA424 | 68 | | XA427 | 64 | | | 16B | 9 | | | TXGN6A | 08 | TW06DTA | 01 | 3 | MUX | E1 | 33A | | |
| 05591 | | XA424 | 69 | | XA532 | 37 | | | 16B | 9 | | | TR208Q | 02 | TW06DTA | 01 | 1 | MUX | E1 | 32A | | |
| 05601 | | XA424 | 70 | | XA532 | 49 | | | 16B | 9 | | | TR228Q | 02 | TW06DTC | 01 | 1 | MUX | E3 | 34A | | |
| 05631 | | XA424 | 71 | | XA533 | 13 | | | 16B | 9 | | | TR288Q | 02 | TW06DTA | 01 | 2 | MUX | E1 | 33B | | |
| 05641 | | XA424 | 72 | | XA533 | 25 | | | 16B | 9 | | | TR308Q | 02 | TW06DTC | 01 | 2 | MUX | E3 | 35A | | |
| 06792 | | XA424 | 73 | | XA422 | 53 | | | 16B | 9 | | | TW060TA | 01 | TW06DTA | 00 | 1 | MUX | E1 | 34B | | |
| 06796 | | XA424 | 74 | | XA422 | 56 | | | 16B | 9 | | | TW060TC | 01 | TW06DTC | 00 | 1 | MUX | E3 | 36A | | |
| 05596 | | XA424 | 75 | | XA532 | 31 | | | 16B | 9 | | | TR218Q | 02 | TW06DTB | 01 | 1 | MUX | E2 | 35B | | |
| 05606 | | XA424 | 76 | | XA532 | 43 | | | 16B | 9 | | | TR238Q | 02 | TW06DTD | 01 | 1 | MUX | E4 | 37A | | |
| 05636 | | XA424 | 77 | | XA533 | 07 | | | 16B | 9 | | | TR298Q | 02 | TW06DTB | 01 | 2 | MUX | E2 | 36B | | |
| 05646 | | XA424 | 78 | | XA533 | 19 | | | 16B | 9 | | | TR318Q | 02 | TW06DTD | 01 | 2 | MUX | E4 | 38A | | |
| 06795 | | XA424 | 79 | | | | | | | | | | TW060TB | 02 | TW06DTB | 00 | 1 | MUX | E2 | 37B | | |
| 06799 | | XA424 | 80 | | | | | | | | | | TW060TD | 02 | TW06DTD | 00 | 1 | MUX | E4 | 38B | | |
| 07177 | | XA425 | 01 | | XA418 | 43 | | | 16B | 9 | | | TXDV1B | 32 | TREWDN | 01 | 1 | TDD | BN | 02B | | |
| 00710 | | XA425 | 02 | | | | | | | | | | GND | 01 | | | | TDD | | 01B | | |
| 01402 | | XA425 | 03 | | XA426 | 10 | | | 16B | 9 | | | SPI007 | 13 | TREWDQ | 01 | 1 | TDD | BQ | 02A | | |
| 05016 | | XA425 | 04 | | XA425 | 20 | | | 16B | 9 | | | TRDCAB | 04 | TREWDP | 01 | 1 | TDD | BP | 04A | | |
| 05197 | | XA425 | 05 | | XA426 | 14 | | | 16B | 9 | | | TREW20 | 01 | TREW0I | 01 | 1 | TDD | BI | 03B | | |
| 05448 | | XA425 | 06 | | XA522 | 66 | | | 16B | 9 | | | TRW12A | 01 | TREW1P | 01 | 1 | TDD | AP | 05A | | |
| 05177 | | XA425 | 07 | | XA409 | 14 | | | 16B | 9 | | | TREWDQ | 01 | TREWDQ | 00 | 1 | TDD | BQ | 03A | REWIND/NO INTERRUPT | |
| 05458 | | XA425 | 08 | | XA537 | 66 | | | 16B | 9 | | | TRW190 | 01 | TREW1I | 01 | 1 | TDD | AI | 06A | | |
| 05174 | | XA425 | 09 | | XA525 | 22 | | | 16B | 9 | | | TREWDP | 04 | TREWDP | 00 | 1 | TDD | BP | 04B | | |
| 07176 | | XA425 | 10 | | XA425 | 01 | | | 16B | 9 | | | TXDV1B | 31 | TREW1N | 01 | 1 | TDD | AN | 07A | | |
| 05185 | | XA425 | 11 | | | | | | | | | | TREW1P | 02 | TREW1P | 00 | 1 | TDD | AP | 05B | | |
| 00101 | | XA425 | 12 | | | | | | | | | | +5V | 01 | | | | TDD | | | | |
| 05187 | | XA425 | 13 | | | | | | | | | | TREW1Q | 02 | TREW1Q | 00 | 1 | TDD | AQ | 06B | REWINDING 1 REMEMBR | |
| 07175 | | XA425 | 14 | | XA425 | 10 | | | 16B | 9 | | | TXDV1B | 30 | TSPAEN | 01 | 1 | TDD | DN | 09A | | |
| 07408 | | XA425 | 15 | | XA418 | 10 | | | 16B | 9 | | | TXRS1B | 05 | TREW1Q | 01 | 1 | TDD | AQ | 07B | | |
| 00711 | | XA425 | 16 | | | | | | | | | | GND | 01 | | | | TDD | | 20B | | |
| 01375 | | XA425 | 17 | | XA425 | 29 | | | 16B | 9 | | | SPI006 | 21 | TSPAFO | 01 | 1 | TDD | DQ | 08B | | |
| 05870 | | XA425 | 18 | | XA426 | 38 | | | 16B | 9 | | | TSPA20 | 01 | TSPAFI | 01 | 1 | TDD | DT | 10A | | |
| CONNECTOR | | XA425 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | |

H78-14 1315

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA425
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 301

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM FACTOR | C.T. OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO | |
|---|--------|-----------|-----|--------|-----------|-----|-------------|------|-------|-------|--------|--------|----------|-------------|-------------------|-------|---------------------|--------------------|--------------------|--------|--|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 05866 | | XA425 | 19 | | XA508 | 01 | | | 16B | 9 | | TSPAFO | 01 | TSPAFO | 00 | 1 | TDD | DQ | 09B | | |
| 05017 | | XA425 | 20 | | XA425 | 22 | | | 16B | 9 | | TRDCAB | 05 | TSPAFO | 01 | 1 | TDD | DP | 11A | | |
| 05865 | | XA425 | 21 | | | | | | | | | TSPAFF | 05 | TSPAFO | 00 | 1 | TDD | DP | 10B | | |
| 05018 | | XA425 | 22 | | XA425 | 36 | | | 16B | 9 | | TRDCAB | 06 | TSPACP | 01 | 1 | TDD | CP | 12A | | |
| 05853 | | XA425 | 23 | | XA527 | 34 | | | 16B | 9 | | TSPACP | 01 | TSPACP | 00 | 1 | TDD | CP | 11B | | |
| 05869 | | XA425 | 24 | | | | | | | | | TSPA10 | 02 | TSPACI | 01 | 1 | TDD | CI | 13A | | |
| 05858 | | XA425 | 25 | | XA409 | 66 | | | 16B | 9 | | TSPACQ | 01 | TSPACQ | 00 | 1 | TDD | CO | 12B | | |
| 07174 | | XA425 | 26 | | XA425 | 14 | | | 16B | 9 | | TXDV1B | 29 | TSPACN | 01 | 1 | TDD | CN | 14A | | |
| 01401 | | XA425 | 27 | | XA425 | 03 | | | 16B | 9 | | SPI007 | 12 | TSPACQ | 01 | 1 | TDD | CO | 13B | | |
| 00102 | | XA425 | 28 | | | | | | | | | +5V | 01 | | | | | | | | |
| 01376 | | XA425 | 29 | | XA425 | 41 | | | 16B | 9 | | SPI006 | 22 | TWRIEQ | 01 | 1 | TDD | FQ | 14B | | |
| 07173 | | XA425 | 30 | | XA425 | 26 | | | 16B | 9 | | TXDV1B | 28 | TWRIEN | 01 | 1 | TDD | FN | 15A | | |
| 06576 | | XA425 | 31 | | | | | | | | | TWRIEQ | 03 | TWRIEQ | 00 | 1 | TDD | FQ | 15B | | |
| 00712 | | XA425 | 32 | | | | | | | | | GND | 01 | | | | | | 21B | | |
| 06569 | | XA425 | 33 | | XA527 | 38 | | | 16B | 9 | | TWRIEQ | 01 | TWRIEQ | 00 | 1 | TDD | FP | 16B | | |
| 06716 | | XA425 | 34 | | XA426 | 39 | | | 16B | 9 | | TWRIEQ | 01 | TWRIEQ | 01 | 1 | TDD | ET | 16A | | |
| 04445 | | XA425 | 35 | | XA527 | 42 | | | 16B | 9 | | THISPP | 01 | THISPP | 00 | 1 | TDD | EP | 17B | | |
| 05019 | | XA425 | 36 | | XA425 | 38 | | | 16B | 9 | | TROCB | 07 | TWRIEQ | 01 | 1 | TDD | FP | 17A | | |
| 04449 | | XA425 | 37 | | XA515 | 30 | | | 16B | 9 | | THISPQ | 01 | THISPQ | 00 | 1 | TDD | EQ | 18B | | |
| 05020 | | XA425 | 38 | | XA425 | 50 | | | 16B | 9 | | TRDCAB | 08 | THISPP | 01 | 1 | TDD | EP | 18A | | |
| 01400 | | XA425 | 39 | | XA425 | 27 | | | 16B | 9 | | SPI007 | 11 | THISPQ | 01 | 1 | TDD | EQ | 19B | | |
| 04453 | | XA425 | 40 | | | | | | | | | THIS10 | 02 | THISPI | 01 | 1 | TDD | ET | 19A | | |
| 01377 | | XA425 | 41 | | XA424 | 41 | | | 16B | 9 | | SPI006 | 23 | TWRIEQ | 01 | 1 | TDD | HO | 22B | | |
| 07172 | | XA425 | 42 | | XA425 | 30 | | | 16B | 9 | | TXDV1B | 27 | THISPN | 01 | 1 | TDD | FN | 20A | | |
| 06594 | | XA425 | 43 | | | | | | | | | TWRIEQ | 09 | TWRIEQ | 00 | 1 | TDD | HO | 23B | | |
| 00713 | | XA425 | 44 | | | | | | | | | GND | 01 | | | | | | 27A | | |
| 06584 | | XA425 | 45 | | XA407 | 50 | | | 16B | 9 | | TWRIEQ | 06 | TWRIEQ | 00 | 1 | TDD | HP | 24B | | |
| 07171 | | XA425 | 46 | | XA425 | 42 | | | 16B | 9 | | TXDV1B | 26 | TWRIEQ | 01 | 1 | TDD | HN | 21A | | |
| 06732 | | XA425 | 47 | | XA521 | 55 | | | 16B | 9 | | TWTSTP | 01 | TWTSTP | 00 | 1 | TDD | GP | 25B | | |
| 06715 | | XA425 | 48 | | | | | | | | | TWRT10 | 02 | TWRT10 | 01 | 1 | TDD | HT | 22A | | |
| 08350 | | XA425 | 49 | | | | | | | | | TWTSTQ | 01 | TWTSTQ | 00 | 1 | TDD | GQ | 26B | | |
| 05021 | | XA425 | 50 | | XA425 | 52 | | | 16B | 9 | | TRDCAB | 09 | TWRIEQ | 01 | 1 | TDD | HP | 23A | | |
| 01399 | | XA425 | 51 | | XA425 | 39 | | | 16B | 9 | | SPI007 | 10 | TWTSTQ | 01 | 1 | TDD | GQ | 27B | | |
| 05022 | | XA425 | 52 | | XA425 | 64 | | | 16B | 9 | | TRDCAB | 10 | TWTSTP | 01 | 1 | TDD | GP | 24A | | |
| 01374 | | XA425 | 53 | | XA425 | 17 | | | 16B | 9 | | SPI006 | 20 | TREDBQ | 01 | 1 | TDD | KQ | 28B | | |
| 06719 | | XA425 | 54 | | XA518 | 06 | | | 16B | 9 | | TWRT30 | 02 | TWRT30 | 01 | 1 | TDD | GT | 25A | | |
| 08287 | | XA425 | 55 | | XA517 | 76 | | | 16B | 9 | | TREDBQ | 01 | TREDBQ | 00 | 1 | TDD | KQ | 29B | | |
| 07170 | | XA425 | 56 | | XA425 | 46 | | | 16B | 9 | | TXDV1B | 25 | TWRTSTN | 01 | 1 | TDD | GN | 26A | | |
| 05067 | | XA425 | 57 | | | | | | | | | TREDBP | 03 | TREDBP | 00 | 1 | TDD | KP | 30B | | |
| 00714 | | XA425 | 58 | | | | | | | | | GND | 01 | | | | | | 40A | | |
| 05058 | | XA425 | 59 | | XA527 | 36 | | | 16B | 9 | | TREADP | 04 | TREADP | 00 | 1 | TDD | JP | 31B | | |
| 07169 | | XA425 | 60 | | XA425 | 56 | | | 16B | 9 | | TXDV1B | 24 | TREDBN | 01 | 1 | TDD | KN | 28A | | |
| 05063 | | XA425 | 61 | | XA431 | 14 | | | 16B | 9 | | TREADQ | 04 | TREADQ | 00 | 1 | TDD | JQ | 32B | | |
| 05070 | | XA425 | 62 | | XA426 | 30 | | | 16B | 9 | | TRED20 | 01 | TREDBI | 01 | 1 | TDD | KI | 29A | | |
| 01424 | | XA425 | 63 | | XA425 | 77 | | | 16B | 9 | | SPI007 | 35 | TREADQ | 01 | 1 | TDD | JO | 33B | | |
| 05023 | | XA425 | 64 | | XA425 | 66 | | | 16B | 9 | | TRDCAB | 11 | TREDBP | 01 | 1 | TDD | KP | 30A | | |
| 07446 | | XA425 | 65 | | XA417 | 80 | | | 16B | 9 | | TXRS2B | 11 | TREDCQ | 01 | 1 | TDD | MQ | 34B | | |
| 05024 | | XA425 | 66 | | XA539 | 04 | | | 16B | 9 | | TRDCAB | 12 | TREADP | 01 | 1 | TDD | JP | 31A | | |
| 00715 | | XA425 | 67 | | | | | | | | | GND | 01 | | | | | | 40B | | |
| 05069 | | XA425 | 68 | | | | | | | | | TRED10 | 02 | TREADI | 01 | 1 | TDD | IT | 32A | | |
| CONNECTOR (XA425) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

H78-14 1316

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA425
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 302

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO | |
|---------------|--------|-----------|--------------------------------|-------|--------|-----------|-----|-------|------|-------------|------|-------|--------|---------|----------|--------|--------|------------------|-------|---------------------|--------------------|--------------------|---------------------|-------|
| | PREFIX | CONNECTOR | PIN | DRILL | PREFIX | CONNECTOR | PIN | DRILL | REF | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | IDENT |
| 05120 | | XA425 | 69 | | | XA514 | 20 | | | | 16B | 9 | | TREQCP | 02 | TREQCP | 00 | 1 | TDD | MP | | 35A | | |
| 07168 | | XA425 | 70 | | | XA425 | 60 | | | | 16B | 9 | | TXOV1B | 23 | TREADN | 00 | 1 | TDD | JN | | 33A | | |
| 01373 | | XA425 | 71 | | | XA425 | 53 | | | | 16B | 9 | | SPI006 | 19 | TREOCI | 01 | 1 | TDD | MT | | 36A | | |
| 05165 | | XA425 | 72 | | | | | | | | | | | TREQ3A | 04 | TREQCN | 01 | 1 | TDD | MN | | 34A | | |
| 05127 | | XA425 | 73 | | | XA506 | 51 | | | | 16B | 9 | | TREQRA | 01 | TREQCP | 01 | 1 | TDD | MP | | 36B | B05 | |
| 08288 | | XA425 | 74 | | | | | | | | | | M | TREQCQ | 01 | TREQCQ | 00 | 1 | TDD | MQ | | 35B | READ REQUEST DELAY | |
| 06709 | | XA425 | 75 | | | | | | | | | | | TWR05A | 04 | TWRQCP | 01 | 1 | TDD | LP | | 37B | | |
| 06653 | | XA425 | 76 | | | XA514 | 75 | | | | 16B | 9 | | TWRQCP | 02 | TWRQCP | 00 | 1 | TDD | LP | | 37A | C01 | |
| 01425 | | XA425 | 77 | | | | | | | | | | | SPI007 | 36 | TWRQCI | 01 | 1 | TDD | LI | | 38B | | |
| 08346 | | XA425 | 78 | | | | | | | | | | M | TWRQCI | 01 | TWRQCI | 00 | 1 | TDD | LQ | | 38A | WRITE REQUEST DELAY | |
| 06702 | | XA425 | 79 | | | XA513 | 05 | | | | 16B | 9 | | TWR04P | 02 | TWRQCN | 01 | 1 | TDD | LN | | 39B | | |
| 07444 | | XA425 | 80 | | | XA426 | 74 | | | | 16B | 9 | | TXRS2B | 09 | TWRQCO | 01 | 1 | TDD | LQ | | 39A | B05 | |
| 07285 | | XA426 | 01 | | | | | | | | | | | TXHST0 | 02 | TXHST0 | 00 | 1 | TQ2 | A2 | | 02B | | |
| 00716 | | XA426 | 02 | | | | | | | | | | | GND | 01 | TQ2 | | | | | | 01A | | |
| 07533 | | XA426 | 03 | | | | | | | | | | | TXR092T | 04 | TXE0B0 | 01 | 1 | TQ2 | A3 | | 02A | | |
| 07528 | | XA426 | 04 | | | XA427 | 10 | | | | 16B | 9 | | TXR091T | 02 | TXHST0 | 01 | 1 | TQ2 | A2 | | 04A | | |
| 01404 | | XA426 | 05 | | | XA426 | 07 | | | | 16B | 9 | | SPI007 | 15 | TXHST0 | 01 | 2 | TQ2 | A2 | | 03B | | |
| 07131 | | XA426 | 06 | | | XA429 | 10 | | | | 16B | 9 | | TXDVC0 | 01 | TXDVC0 | 00 | 1 | TQ2 | A1 | | 05A | | |
| 01405 | | XA426 | 07 | | | XA426 | 13 | | | | 16B | 9 | | SPI007 | 16 | TXE0B0 | 01 | 2 | TQ2 | A3 | | 03A | | |
| 07525 | | XA426 | 08 | | | XA426 | 48 | | | | 16B | 9 | | TXR090T | 02 | TXDVC0 | 01 | 1 | TQ2 | A1 | | 06A | | |
| 07236 | | XA426 | 09 | | | XA430 | 13 | | | | 16B | 9 | | TXE0B0 | 01 | TXE0B0 | 00 | 1 | TQ2 | A3 | | 04B | | |
| 01403 | | XA426 | 10 | | | XA426 | 05 | | | | 16B | 9 | | SPI007 | 14 | TXDVC0 | 01 | 2 | TQ2 | A1 | | 07A | | |
| 07535 | | XA426 | 11 | | | XA427 | 13 | | | | 16B | 9 | | TXR093T | 02 | TTAS10 | 01 | 1 | TQ2 | A4 | | 05B | | |
| 00103 | | XA426 | 12 | | | | | | | | | | | +5V | 01 | TQ2 | | | | | | | | |
| 01405 | | XA426 | 13 | | | XA426 | 19 | | | | 16B | 9 | | SPI007 | 17 | TTAS10 | 01 | 2 | TQ2 | A4 | | 06B | | |
| 05198 | | XA426 | 14 | | | XA536 | 55 | | | | 16B | 9 | | TREW20 | 02 | TREW20 | 00 | 1 | TQ2 | B2 | | 09A | | |
| 06062 | | XA426 | 15 | | | XA432 | 17 | | | | 16B | 9 | | TTAS10 | 01 | TTAS10 | 00 | 1 | TQ2 | A4 | | 07B | | |
| 00717 | | XA426 | 16 | | | | | | | | | | | GND | 01 | TQ2 | | | | | | 01B | | |
| 07547 | | XA426 | 17 | | | XA418 | 50 | | | | 16B | 9 | | TXR097T | 02 | TXSST0 | 01 | 1 | TQ2 | B3 | | 08B | | |
| 07542 | | XA426 | 18 | | | XA429 | 60 | | | | 16B | 9 | | TXR095T | 02 | TREW20 | 01 | 1 | TQ2 | B2 | | 10A | | |
| 01407 | | XA426 | 19 | | | XA426 | 20 | | | | 16B | 9 | | SPI007 | 18 | TXSST0 | 01 | 2 | TQ2 | B3 | | 09B | | |
| 01408 | | XA426 | 20 | | | XA426 | 26 | | | | 16B | 9 | | SPI007 | 19 | TREW20 | 01 | 2 | TQ2 | B2 | | 11A | | |
| 07659 | | XA426 | 21 | | | | | | | | | | | TXSST0 | 02 | TXSST0 | 00 | 1 | TQ2 | B3 | | 10B | | |
| 07300 | | XA426 | 22 | | | XA413 | 77 | | | | 16B | 9 | | TXIRCO | 02 | TXIRCO | 00 | 1 | TQ2 | B1 | | 12A | | |
| 07550 | | XA426 | 23 | | | XA426 | 50 | | | | 16B | 9 | | TXR098T | 02 | TX0FR0 | 01 | 1 | TQ2 | B4 | | 11B | | |
| 07539 | | XA426 | 24 | | | XA429 | 55 | | | | 16B | 9 | | TXR094T | 02 | TXIRCO | 01 | 1 | TQ2 | B1 | | 13A | | |
| 01410 | | XA426 | 25 | | | XA426 | 31 | | | | 16B | 9 | | SPI007 | 21 | TX0FR0 | 01 | 2 | TQ2 | B4 | | 12B | | |
| 01409 | | XA426 | 26 | | | XA426 | 25 | | | | 16B | 9 | | SPI007 | 20 | TXIRCO | 01 | 2 | TQ2 | B1 | | 14A | | |
| 08017 | | XA426 | 27 | | | | | | | | | | | TX0FR0 | 02 | TX0FR0 | 00 | 1 | TQ2 | B4 | | 13B | | |
| 00104 | | XA426 | 28 | | | | | | | | | | | +5V | 01 | TQ2 | | | | | | | | |
| 07327 | | XA426 | 29 | | | XA426 | 49 | | | | 16B | 9 | | TXRAF5T | 02 | TWRT30 | 01 | 1 | TQ2 | C3 | | 14B | | |
| 05071 | | XA426 | 30 | | | | | | | | | | | TRED20 | 02 | TRED20 | 00 | 1 | TQ2 | C2 | | 15A | | |
| 01411 | | XA426 | 31 | | | XA426 | 37 | | | | 16B | 9 | | SPI007 | 22 | TWRT30 | 01 | 2 | TQ2 | C3 | | 15B | | |
| 00718 | | XA426 | 32 | | | | | | | | | | | GND | 01 | TQ2 | | | | | | 20B | B05 | |
| 06718 | | XA426 | 33 | | | XA425 | 54 | | | | 16B | 9 | | TWRT30 | 01 | TWRT30 | 00 | 1 | TQ2 | C3 | | 16B | | |
| 07324 | | XA426 | 34 | | | XA427 | 33 | | | | 16B | 9 | | TXRAF4T | 02 | TRED20 | 01 | 1 | TQ2 | C2 | | 16A | | |
| 07332 | | XA426 | 35 | | | XA427 | 25 | | | | 16B | 9 | | TXRAF6T | 01 | TWRT20 | 01 | 1 | TQ2 | C4 | | 17B | | |
| 01414 | | XA426 | 36 | | | XA426 | 42 | | | | 16B | 9 | | SPI007 | 25 | TRED20 | 01 | 2 | TQ2 | C2 | | 17A | | |
| CONNECTOR | | XA426 | CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | | | |

H78-14 1317

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA426
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 303

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS (AND OR) | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|------|--------|-----------|-----|------|-------------|------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|----------------------|--------------------|----------------------|
| | PREFIX | CONNECTOR | PIN | ENFC | PREFIX | CONNECTOR | PIN | ENFC | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 01412 | | XA426 | 37 | | | | | | | | | SPI007 | 23 | TWRT20 | 01 | 2 | TQ2 | C4 | | 18B | | 805 |
| 05871 | | XA426 | 38 | | XA427 | 35 | | | 16B | 9 | | TSPA20 | 02 | TSPA20 | 00 | 1 | TQ2 | C1 | | 18A | | |
| 06717 | | XA426 | 39 | | | | | | | | | TWRT20 | 02 | TWRT20 | 00 | 1 | TQ2 | C4 | | 19B | | |
| 07552 | | XA426 | 40 | | XA427 | 18 | | | 16B | 9 | | TXR099T | 01 | TSPA20 | 01 | 1 | TQ2 | C1 | | 19A | | |
| 07321 | | XA426 | 41 | | XA527 | 20 | | | 16B | 9 | | TXRAF3T | 02 | TRED10 | 01 | 1 | TQ2 | D3 | | 22B | | |
| 01415 | | XA426 | 42 | | XA427 | 49 | | | 16B | 9 | | SPI007 | 26 | TSPA20 | 01 | 2 | TQ2 | C1 | | 20A | | |
| 07323 | | XA426 | 43 | | XA426 | 34 | | | 16B | 9 | | TXRAF4T | 01 | TRED10 | 01 | 2 | TQ2 | D3 | | 23B | | |
| 00719 | | XA426 | 44 | | | | | | | | | GND | 01 | | | | TQ2 | | | 21B | | |
| 05068 | | XA426 | 45 | | XA425 | 68 | | | 16B | 9 | | TRED10 | 01 | TRED10 | 00 | 1 | TQ2 | D3 | | 24B | | |
| 05868 | | XA426 | 46 | | XA425 | 24 | | | 16B | 9 | | TSPA10 | 01 | TSPA10 | 00 | 1 | TQ2 | D2 | | 21A | | |
| 07335 | | XA426 | 47 | | XA527 | 19 | | | 16B | 9 | | TXRAF7T | 02 | TWRT10 | 01 | 1 | TQ2 | D4 | | 25B | | |
| 07526 | | XA426 | 48 | | | | | | | | | TXR090T | 03 | TSPA10 | 01 | 1 | TQ2 | D2 | | 22A | | |
| 07328 | | XA426 | 49 | | XA428 | 55 | | | 16B | 9 | | TXRAF5T | 03 | TWRT10 | 01 | 2 | TQ2 | D4 | | 26B | | |
| 07591 | | XA426 | 50 | | | | | | | | | TXR098T | 03 | TSPA10 | 01 | 2 | TQ2 | D2 | | 23A | | |
| 06714 | | XA426 | 51 | | XA425 | 48 | | | 16B | 9 | | TWRT10 | 01 | TWRT10 | 00 | 1 | TQ2 | D4 | | 27B | | |
| 04452 | | XA426 | 52 | | XA425 | 40 | | | 16B | 9 | | THIS10 | 01 | THIS10 | 00 | 1 | TQ2 | D1 | | 24A | | |
| 07135 | | XA426 | 53 | | | | | | | | | TXDVS R | 02 | TXDVS S | 01 | 1 | TQ2 | E3 | | 28B | | |
| 07531 | | XA426 | 54 | | XA427 | 14 | | | 16B | 9 | | TXR092T | 02 | THIS10 | 01 | 1 | TQ2 | D1 | | 25A | | |
| 07193 | | XA426 | 55 | | | | | | | | | TXDV5A | 02 | TXDVS S | 01 | 2 | TQ2 | F3 | | 29B | | |
| 07318 | | XA426 | 56 | | XA427 | 27 | | | 16B | 9 | | TXRAF2T | 02 | THIS10 | 01 | 2 | TQ2 | D1 | | 26A | | |
| 07137 | | XA426 | 57 | | XA429 | 22 | | | 16B | 9 | | TXDVS S | 02 | TXDVS S | 00 | 1 | TQ2 | E3 | | 30B | | DEV COMMAND STOP |
| 00720 | | XA426 | 58 | | | | | | | | | GND | 01 | | | | TQ2 | | | 27A | | |
| 07115 | | XA426 | 59 | | XA429 | 21 | | | 16B | 9 | | TXDEV R | 01 | TXDEV S | 01 | 1 | TQ2 | E4 | | 31B | | |
| 07121 | | XA426 | 60 | | XA429 | 08 | | | 16B | 9 | | TXDEV0 | 01 | TXDEV0 | 00 | 1 | TQ2 | E2 | | 28A | | |
| 07140 | | XA426 | 61 | | | | | | | | | TXDV0A | 02 | TXDEV S | 01 | 2 | TQ2 | E4 | | 32B | | |
| 07113 | | XA426 | 62 | | XA439 | 66 | | | 16B | 9 | | TXDEVA | 05 | TXDEV0 | 01 | 1 | TQ2 | E2 | | 29A | | |
| 07120 | | XA426 | 63 | | XA527 | 14 | | | 16B | 9 | | TXDEV S | 04 | TXDEV S | 00 | 1 | TQ2 | E4 | | 33B | | DEVICE COMMAND STB08 |
| 01423 | | XA426 | 64 | | XA425 | 63 | | | 16B | 9 | | SPI007 | 34 | TXDEV0 | 01 | 2 | TQ2 | E2 | | 30A | | |
| 04315 | | XA426 | 65 | | XA430 | 27 | | | 16B | 9 | | TEB5RA | 01 | TEB4R0 | 01 | 1 | TQ2 | F3 | | 34B | | |
| 07031 | | XA426 | 66 | | | | | | | | | TXCA10 | 07 | TXCA10 | 00 | 1 | TQ2 | F1 | | 31A | | |
| 00721 | | XA426 | 67 | | | | | | | | | GND | 01 | | | | TQ2 | | | 40A | | |
| 07023 | | XA426 | 68 | | XA437 | 47 | | | 16B | 9 | | TXCA1A | 01 | TXCA10 | 01 | 1 | TQ2 | F1 | | 32A | | |
| 04299 | | XA426 | 69 | | XA516 | 18 | | | 16B | 9 | | TEB4R0 | 02 | TEB4R0 | 00 | 1 | TQ2 | F3 | | 35A | | 808 |
| 01422 | | XA426 | 70 | | XA426 | 64 | | | 16B | 9 | | SPI007 | 33 | TXCA10 | 01 | 2 | TQ2 | E1 | | 33A | | |
| 04320 | | XA426 | 71 | | | | | | | | | TEB5S0 | 02 | TEB5SA | 01 | 1 | TQ2 | F2 | | 36A | | |
| 04318 | | XA426 | 72 | | | | | | | | | TEB5SA | 02 | TEB5SA | 00 | 1 | TQ2 | F2 | | 34A | | |
| 07157 | | XA426 | 73 | | XA425 | 70 | | | 16B | 9 | | TXDV1B | 22 | TEB5SA | 01 | 2 | TQ2 | F2 | | 36B | | |
| 07445 | | XA426 | 74 | | XA425 | 65 | | | 16B | 9 | | TXRS2B | 10 | TEB4R0 | 01 | 2 | TQ2 | F3 | | 35B | | |
| 08015 | | XA426 | 75 | | | | | | | | | TXOFRS | 08 | TXOFRS | 00 | 1 | TQ2 | F1 | | 37B | | OFR COMMAND STORE |
| 07296 | | XA426 | 76 | | | | | | | | | TXINHS | 02 | TXINHR | 01 | 1 | TQ2 | F4 | | 37A | | |
| 08006 | | XA426 | 77 | | XA430 | 19 | | | 16B | 9 | | TXOFRR | 01 | TXOFRS | 01 | 1 | TQ2 | F1 | | 38B | | |
| 07297 | | XA426 | 78 | | XA430 | 74 | | | 16B | 9 | | TXINQA | 01 | TXINHR | 01 | 2 | TQ2 | F4 | | 38A | | |
| 08023 | | XA426 | 79 | | XA429 | 09 | | | 16B | 9 | | TXOROA | 01 | TXOFRS | 01 | 2 | TQ2 | F1 | | 39B | | |
| 07288 | | XA426 | 80 | | XA430 | 75 | | | 16B | 9 | | TXINHR | 01 | TXINHR | 00 | 1 | TQ2 | F4 | | 39A | | |
| 00300 | | XA427 | 01 | | | | | | | | | DNW | 01 | | | | DBC | | | | | |
| 00722 | | XA427 | 02 | | | | | | | | | GND | 01 | | | | DBC | | | | 01A | |
| 07625 | | XA427 | 03 | | XA438 | 08 | | | 16B | 9 | | TXR5CS | 06 | TXR092T | 01 | 1 | DBC | A3 | | | 02B | |
| 07649 | | XA427 | 04 | | XA438 | 04 | | | 16B | 9 | | TXR7CS | 06 | TXR090T | 01 | 1 | DBC | A1 | | | 02A | |
| CONNECTOR XA427 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1318

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA427
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 304

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|------|-------|-------------|------|--------|---------|----------|-------------|------------------|-------|---------------------|--------------------|--------------------|--------------------|
| | PREFIX | CONNECTOR | PIN | SH FC | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | | | | | | | | | | |
| 07616 | | XA427 | 05 | | | | | | | | | TXR4CS | 09 | TXR093T | 01 | 1 | DBC | A4 | 03B | |
| 07635 | | XA427 | 06 | | XA427 | 22 | | | 16B | 9 | | TXR6CS | 04 | TXR091T | 01 | 1 | DBC | A2 | 03A | |
| 07541 | | XA427 | 07 | | XA426 | 18 | | | 16B | 9 | | TXR095T | 01 | TXR095T | 00 | 1 | DBC | A6 | 04B | |
| 07524 | | XA427 | 08 | | XA426 | 08 | | | 16B | 9 | | TXR090T | 01 | TXR090T | 00 | 1 | DBC | A1 | 04A | DEV COMMAND DECODE |
| 07545 | | XA427 | 09 | | | | | | | | | TXR096T | 02 | TXR096T | 00 | 1 | DBC | A7 | 05B | |
| 07529 | | XA427 | 10 | | | | | | | | | TXR091T | 03 | TXR091T | 00 | 1 | DBC | A2 | 05A | |
| 07546 | | XA427 | 11 | | XA426 | 17 | | | 16B | 9 | | TXR097T | 01 | TXR097T | 00 | 1 | DBC | A8 | 06B | |
| 00105 | | XA427 | 12 | | | | | | | | | +5V | 01 | | | | DBC | | 08A | |
| 07536 | | XA427 | 13 | | | | | | | | | TXR093T | 03 | TXR093T | 00 | 1 | DBC | A4 | 07A | |
| 07532 | | XA427 | 14 | | XA426 | 03 | | | 16B | 9 | | TXR092T | 03 | TXR092T | 00 | 1 | DBC | A3 | 06A | 80B |
| 07549 | | XA427 | 15 | | XA426 | 23 | | | 16B | 9 | | TXR098T | 01 | TXR098T | 00 | 1 | DBC | A9 | 07B | |
| 00723 | | XA427 | 16 | | | | | | | | | GND | 01 | | | | DBC | | 01B | |
| 07538 | | XA427 | 17 | | XA426 | 24 | | | 16B | 9 | | TXR094T | 01 | TXR094T | 00 | 1 | DBC | A5 | 08B | |
| 07553 | | XA427 | 18 | | | | | | | | | TXR099T | 02 | TXR099T | 00 | 1 | DBC | A0 | 09A | |
| 07624 | | XA427 | 19 | | XA427 | 03 | | | 16B | 9 | | TXR5CS | 05 | TXRAF2T | 01 | 1 | DBC | B3 | 09B | |
| 07648 | | XA427 | 20 | | XA427 | 04 | | | 16B | 9 | | TXR7CS | 05 | TXRAF0T | 01 | 1 | DBC | B1 | 10A | |
| 07607 | | XA427 | 21 | | | | | | | | | TXR4CR | 04 | TXRAF3T | 01 | 1 | DBC | B4 | 10B | |
| 07636 | | XA427 | 22 | | XA529 | 24 | | | 16B | 9 | | TXR6CS | 05 | TXRAF1T | 01 | 1 | DBC | B2 | 11A | |
| 07326 | | XA427 | 23 | | XA426 | 29 | | | 16B | 9 | | TXRAF5T | 01 | TXRAF5T | 00 | 1 | DBC | B6 | 11B | |
| 08414 | | XA427 | 24 | | | | | | | | M | TXRAF0T | 01 | TXRAF0T | 00 | 1 | DBC | B1 | 12A | DEV COMMAND DECODE |
| 07333 | | XA427 | 25 | | | | | | | | | TXRAF6T | 02 | TXRAF6T | 00 | 1 | DBC | B7 | 12B | |
| 08415 | | XA427 | 26 | | | | | | | | M | TXRAF1T | 01 | TXRAF1T | 00 | 1 | DBC | B2 | 13A | |
| 07319 | | XA427 | 27 | | | | | | | | | TXRAF2T | 03 | TXRAF2T | 00 | 1 | DBC | B3 | 14A | |
| 00106 | | XA427 | 28 | | | | | | | | | +5V | 01 | | | | DBC | | 08A | |
| 07334 | | XA427 | 29 | | XA426 | 47 | | | 16B | 9 | | TXRAF7T | 01 | TXRAF7T | 00 | 1 | DBC | B8 | 13B | |
| 07320 | | XA427 | 30 | | XA426 | 41 | | | 16B | 9 | | TXRAF3T | 01 | TXRAF3T | 00 | 1 | DBC | B4 | 15A | |
| 08416 | | XA427 | 31 | | | | | | | | M | TXRAF8T | 01 | TXRAF8T | 00 | 1 | DBC | B9 | 14B | |
| 00724 | | XA427 | 32 | | | | | | | | | GND | 01 | | | | DBC | | 27A | |
| 07325 | | XA427 | 33 | | | | | | | | | TXRAF4T | 03 | TXRAF4T | 00 | 1 | DBC | B5 | 16A | |
| 08417 | | XA427 | 34 | | | | | | | | M | TXRAF9T | 01 | TXRAF9T | 00 | 1 | DBC | B0 | 15B | |
| 01413 | | XA427 | 35 | | XA426 | 36 | | | 16B | 9 | | SPI007 | 24 | TXS035U | 01 | 1 | DBC | C5 | 16B | |
| 08420 | | XA427 | 36 | | | | | | | | M | TXS035U | 01 | TXS035U | 00 | 1 | DBC | C5 | 17A | |
| 07656 | | XA427 | 37 | | XA432 | 33 | | | 16B | 9 | | TXSK00 | 02 | TXS032U | 01 | 1 | DBC | C2 | 17B | |
| 07677 | | XA427 | 38 | | | | | | | | | TXS031U | 04 | TXS031U | 00 | 1 | DBC | C1 | 18A | I/O INPUT DATA REG |
| 07078 | | XA427 | 39 | | | | | | | | | TXDB0TA | 02 | TXS031U | 01 | 1 | DBC | C1 | 18B | |
| 01196 | | XA427 | 4T | | | | | | | | | SPA | 01 | TXRAF4T | 01 | 1 | DBC | B5 | | |
| 01197 | | XA427 | 4T | | | | | | | | | SPA | 01 | TXR094T | 01 | 1 | DBC | A5 | | |
| 07678 | | XA427 | 40 | | XA438 | 19 | | | 16B | 9 | | TXS032U | 01 | TXS032U | 00 | 1 | DBC | C2 | 19A | |
| 07079 | | XA427 | 41 | | XA424 | 61 | | | 16B | 9 | | TXDB0TB | 01 | TXS031U | 01 | 2 | DBC | C1 | 19B | |
| 07685 | | XA427 | 42 | | | | | | | | | TXS033U | 04 | TXS033U | 00 | 1 | DBC | C3 | 20A | |
| 07082 | | XA427 | 43 | | | | | | | | | TXDB0TC | 02 | TXS031U | 01 | 3 | DBC | C1 | 22B | |
| 00725 | | XA427 | 44 | | | | | | | | | GND | 01 | | | | DBC | | 40B | |
| 07083 | | XA427 | 45 | | XA424 | 63 | | | 16B | 9 | | TXDB0TD | 01 | TXS031U | 01 | 4 | DBC | C1 | 23B | |
| 07689 | | XA427 | 46 | | | | | | | | | TXS034U | 04 | TXS034U | 00 | 1 | DBC | C4 | 21A | |
| 07264 | | XA427 | 47 | | XA424 | 30 | | | 16B | 9 | | TXGN5A | 03 | TXS033U | 01 | 1 | DBC | C3 | 23A | |
| 07282 | | XA427 | 48 | | XA441 | 51 | | | 16B | 9 | | TXGN6A | 10 | TXS034U | 01 | 1 | DBC | C4 | 22A | |
| 01416 | | XA427 | 49 | | XA427 | 66 | | | 16B | 9 | | SPI007 | 27 | TXS475U | 01 | 1 | DBC | D5 | 24B | |
| 01198 | | XA427 | 5T | | | | | | | | | SPA | 01 | TXRAF5T | 01 | 1 | DBC | B6 | | |
| 01199 | | XA427 | 5T | | | | | | | | | SPA | 01 | TXR095T | 01 | 1 | DBC | A6 | | |
| 07253 | | XA427 | 50 | | XA427 | 63 | | | 16B | 9 | | TXGN4A | 03 | TXS031U | 01 | 5 | DBC | C1 | 24A | |
| CONNECTOR XA427 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

H78-14 1319

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA427
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 305

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEC NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DR FEG | PREFIX | CONNECTOR | PIN | DR FEG | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 07655 | XA427 | 51 | | | XA427 | 37 | | | 16B | 9 | | | TXSK00 | 01 | TXS472U | 01 | 1 | DBC | D2 | | 25B | | |
| 08421 | XA427 | 52 | | | | | | | | | | M | TXS475U | 01 | TXS475U | 00 | 1 | DBC | D5 | | 25A | | |
| 07093 | XA427 | 53 | | | XA421 | 55 | | | 16B | 9 | | | TXDB4TA | 01 | TXS471U | 01 | 1 | DBC | D1 | | 26B | | |
| 07693 | XA427 | 54 | | | | | | | | | | | TXS471U | 04 | TXS471U | 00 | 1 | DBC | D1 | | 26A | TOU INPUT DATA REG | |
| 07096 | XA427 | 55 | | | | | | | | | | | TXDB4TB | 02 | TXS471U | 01 | 2 | DBC | D1 | | 27B | | |
| 07697 | XA427 | 56 | | | | | | | | | | | TXS472U | 04 | TXS472U | 00 | 1 | DBC | D2 | | 28B | | |
| 07097 | XA427 | 57 | | | XA421 | 60 | | | 16B | 9 | | | TXDB4TC | 01 | TXS471U | 01 | 3 | DBC | D1 | | 29B | | |
| 00726 | XA427 | 58 | | | | | | | | | | | GND | 01 | | | | DBC | | | | | |
| 07100 | XA427 | 59 | | | | | | | | | | | TXDB4TD | 02 | TXS471U | 01 | 4 | DBC | D1 | | 30B | | |
| 01200 | XA427 | 6T | | | | | | | | | | | SPA | 01 | TXRAF6T | 01 | 1 | DBC | R7 | | | | |
| 01201 | XA427 | 6T | | | | | | | | | | | SPA | 01 | TXR096T | 01 | 1 | DBC | A7 | | | | |
| 07701 | XA427 | 60 | | | | | | | | | | | TXS473U | 04 | TXS473U | 00 | 1 | DBC | D3 | | 28A | | |
| 07263 | XA427 | 61 | | | XA427 | 47 | | | 16B | 9 | | | TXGN5A | 02 | TXS473U | 01 | 1 | DBC | D3 | | 31B | | |
| 07705 | XA427 | 62 | | | | | | | | | | | TXS474U | 04 | TXS474U | 00 | 1 | DBC | D4 | | 29A | | |
| 07254 | XA427 | 63 | | | XA434 | 24 | | | 16B | 9 | | | TXGN4A | 04 | TXS471U | 01 | 5 | DBC | D1 | | 31A | | |
| 07281 | XA427 | 64 | | | XA427 | 48 | | | 16B | 9 | | | TXGN6A | 09 | TXS474U | 01 | 1 | DBC | D4 | | 30A | | |
| 00301 | XA427 | 65 | | | | | | | | | | | DNW | 01 | | | | DBC | | | | | |
| 01417 | XA427 | 66 | | | XA426 | 70 | | | 16B | 9 | | | SPI007 | 28 | | 01 | 1 | DBC | E5 | | 32B | A03 | |
| 00727 | XA427 | 67 | | | | | | | | | | | GND | 01 | | | | DBC | | | | | |
| 03384 | XA427 | 68 | | | | | | | | | | | SPO | 01 | | 00 | 1 | DBC | E5 | | 33A | | |
| 01421 | XA427 | 69 | | | XA442 | 52 | | | 16B | 9 | | | SPI004 | 31 | | 01 | 1 | DBC | E2 | | 32A | A03 | |
| 01202 | XA427 | 7T | | | | | | | | | | | SPA | 01 | TXRAF7T | 01 | 1 | DBC | R8 | | | | |
| 01203 | XA427 | 7T | | | | | | | | | | | SPA | 01 | TXR097T | 01 | 1 | DBC | A8 | | | | |
| 03385 | XA427 | 70 | | | | | | | | | | | SPO | 01 | | 00 | 1 | DBC | E1 | | 34A | | |
| 01420 | XA427 | 71 | | | XA442 | 37 | | | 16B | 9 | | | SPI002 | 231 | | 01 | 1 | DBC | E1 | | 33B | A03 | |
| 03386 | XA427 | 72 | | | | | | | | | | | SPO | 01 | | 00 | 1 | DBC | E2 | | 35A | | |
| 01372 | XA427 | 73 | | | XA425 | 71 | | | 16B | 9 | | | SPI006 | 18 | | 01 | 2 | DBC | E1 | | 34B | | |
| 03387 | XA427 | 74 | | | | | | | | | | | SPO | 01 | | 00 | 1 | DBC | E3 | | 36A | | |
| 01464 | XA427 | 75 | | | XA514 | 71 | | | 16B | 9 | | | SPI009 | 04 | | 01 | 3 | DBC | E1 | | 35B | C03 | |
| 03388 | XA427 | 76 | | | | | | | | | | | SPO | 01 | | 00 | 1 | DBC | E4 | | 37A | | |
| 01281 | XA427 | 77 | | | XA526 | 05 | | | 16B | 9 | | | SPI003 | 16 | | 01 | 4 | DBC | E1 | | 36B | | |
| 01418 | XA427 | 78 | | | | | | | | | | | SPI010 | 36 | | 01 | 1 | DBC | E4 | | 38A | A03 | |
| 01419 | XA427 | 79 | | | XA442 | 48 | | | 16B | 9 | | | SPI005 | 25 | | 01 | 1 | DBC | E3 | | 37B | A03 | |
| 01204 | XA427 | 8T | | | | | | | | | | | SPA | 01 | TXRAF8T | 01 | 1 | DBC | R9 | | | | |
| 01205 | XA427 | 8T | | | | | | | | | | | SPA | 01 | TXR098T | 01 | 1 | DBC | A9 | | | | |
| 01452 | XA427 | 80 | | | XA424 | 47 | | | 16B | 9 | | | SPI008 | 27 | | 01 | 5 | DBC | E1 | | 38B | | |
| 01206 | XA427 | 9T | | | | | | | | | | | SPA | 01 | TXR099T | 01 | 1 | DBC | A0 | | | | |
| 01207 | XA427 | 9T | | | | | | | | | | | SPA | 01 | TXRAF9T | 01 | 1 | DBC | R0 | | | | |
| 07206 | XA428 | 01 | | | XA436 | 42 | | | 16B | 9 | | | TXEB1A | 01 | TXEB1A | 00 | 1 | TQ2 | A2 | | 02B | | |
| 00728 | XA428 | 02 | | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01A | | |
| 07964 | XA428 | 03 | | | | | | | | | | | TXXRC0 | 02 | TXXRCA | 01 | 1 | TQ2 | A3 | | 02A | | |
| 07213 | XA428 | 04 | | | | | | | | | | | TXEB1Q | 06 | TXEB1A | 01 | 1 | TQ2 | A2 | | 04A | | |
| 07066 | XA428 | 05 | | | XA428 | 10 | | | 16B | 9 | | | TXCP30 | 02 | TXEB1A | 01 | 2 | TQ2 | A2 | | 03B | | |
| 07306 | XA428 | 06 | | | XA436 | 14 | | | 16B | 9 | | | TXIR1A | 01 | TXIR1A | 00 | 1 | TQ2 | A1 | | 05A | | |
| 07966 | XA428 | 07 | | | | | | | | | | | TXREP | 02 | TXXRCA | 01 | 2 | TQ2 | A3 | | 03A | | |
| 07309 | XA428 | 08 | | | XA434 | 43 | | | 16B | 9 | | | TXIR1Q | 01 | TXIR1A | 01 | 1 | TQ2 | A1 | | 06A | | |
| 07958 | XA428 | 09 | | | | | | | | | | | TXXRCA | 02 | TXXRCA | 00 | 1 | TQ2 | A3 | | 04B | | |
| 07067 | XA428 | 10 | | | XA439 | 79 | | | 16B | 9 | | | TXCP30 | 03 | TXIR1A | 01 | 2 | TQ2 | A1 | | 07A | | |
| CONNECTOR (XA428) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1320

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA428
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 306

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|------|-------|-------------|------|--------|------------|----------|--------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH PC | PREFIX | CONNECTOR | PIN | SH PC | MULTI GROUP | CODE | | | | | | | | | | | |
| 05338 | | XA428 | 11 | | XA431 | 19 | | | | | | TRTDEA +5V | 01 01 | TXXDDO | 01 1 | TQ2 | A4 | | 05B | | |
| 00107 | | XA428 | 12 | | | | | | 16B | 9 | | | | | | | | | | | |
| 04767 | | XA428 | 13 | | XA516 | 60 | | | 16B | 9 | | TLTEOA | 01 | TXXDDO | 01 2 | TQ2 | A4 | | 06B | | |
| 07654 | | XA428 | 14 | | | | | | | | | TXSKOA | 02 | TXSKOA | 00 1 | TQ2 | B2 | | 09A | | |
| 07893 | | XA428 | 15 | | XA432 | 34 | | | 16B | 9 | | TXXDDO | 01 | TXXDDO | 00 1 | TQ2 | A4 | | 07B | | |
| 00729 | | XA428 | 16 | | | | | | | | | GND | 01 | | | TQ2 | | | 01B | | |
| 07871 | | XA428 | 17 | | | | | | | | | TXXC2Q | 04 | TXXCSA | 01 1 | TQ2 | B3 | | 08B | | |
| 07870 | | XA428 | 18 | | XA428 | 17 | | | 16B | 9 | | TXXC2Q | 03 | TXSKOA | 01 1 | TQ2 | B2 | | 10A | | |
| 07882 | | XA428 | 19 | | XA539 | 19 | | | 16B | 9 | | TXXC4Q | 01 | TXXCSA | 01 2 | TQ2 | B3 | | 09B | | |
| 07875 | | XA428 | 20 | | | | | | | | | TXXC3P | 04 | TXSKOA | 01 2 | TQ2 | B2 | | 11A | | |
| 07857 | | XA428 | 21 | | XA432 | 48 | | | 16B | 9 | | TXXCSA | 01 | TXXCSA | 00 1 | TQ2 | B3 | | 10B | | |
| 07896 | | XA428 | 22 | | XA434 | 27 | | | 16B | 9 | | TXXDIA | 01 | TXXDIA | 00 1 | TQ2 | B1 | | 12A | | |
| 07315 | | XA428 | 23 | | XA446 | 75 | | | 16B | 9 | | TXPRS0X | 01 | TXPRSA | 01 1 | TQ2 | B4 | | 11B | | |
| 07910 | | XA428 | 24 | | XA430 | 51 | | | 16B | 9 | | TXXDIS | 01 | TXXDIA | 01 1 | TQ2 | B1 | | 13A | | |
| 01392 | | XA428 | 25 | | XA418 | 26 | | | 16B | 9 | | SPIO07 | 03 | TXPRSA | 01 2 | TQ2 | B4 | | 12B | | |
| 07199 | | XA428 | 26 | | XA431 | 18 | | | 16B | 9 | | TXEAO0 | 02 | TXXDIA | 01 2 | TQ2 | B1 | | 14A | | |
| 07312 | | XA428 | 27 | | | | | | | | | TXPRSA | 02 | TXPRSA | 00 1 | TQ2 | B4 | | 13B | | |
| 00108 | | XA428 | 28 | | | | | | | | | +5V | 01 | | | TQ2 | | | | | |
| 04270 | | XA428 | 29 | | | | | | | | | TEB2R0 | 02 | TEB2RA | 01 1 | TQ2 | C3 | | 14B | | |
| 04252 | | XA428 | 30 | | XA435 | 50 | | | 16B | 9 | | TEB1RA | 01 | TEB1RA | 00 1 | TQ2 | C2 | | 15A | | |
| 01502 | | XA428 | 31 | | XA427 | 78 | | | 16B | 9 | | SPIO10 | 35 | TEB2RA | 01 2 | TQ2 | C3 | | 15B | | |
| 00730 | | XA428 | 32 | | | | | | | | | GND | 01 | | | TQ2 | | | 20B | | A03 |
| 04267 | | XA428 | 33 | | XA434 | 66 | | | 16B | 9 | | TEB2RA | 01 | TEB2RA | 00 1 | TQ2 | C3 | | 16B | | |
| 04255 | | XA428 | 34 | | | | | | | | | TEB1R0 | 02 | TEB1RA | 01 1 | TQ2 | C2 | | 16A | | |
| 04285 | | XA428 | 35 | | | | | | | | | TEB3R0 | 02 | TEB3RA | 01 1 | TQ2 | C4 | | 17B | | |
| 01501 | | XA428 | 36 | | XA428 | 31 | | | 16B | 9 | | SPIO10 | 34 | TEB1RA | 01 2 | TQ2 | C2 | | 17A | | |
| 01500 | | XA428 | 37 | | XA428 | 36 | | | 16B | 9 | | SPIO10 | 33 | TEB3RA | 01 2 | TQ2 | C4 | | 18B | | |
| 04237 | | XA428 | 38 | | XA436 | 52 | | | 16B | 9 | | TEBORA | 01 | TEBORA | 00 1 | TQ2 | C1 | | 18A | | |
| 04282 | | XA428 | 39 | | XA436 | 50 | | | 16B | 9 | | TEB3RA | 01 | TEB3RA | 00 1 | TQ2 | C4 | | 19B | | |
| 04240 | | XA428 | 40 | | | | | | | | | TEBORA | 02 | TEBORA | 01 1 | TQ2 | C1 | | 19A | | |
| 04310 | | XA428 | 41 | | XA434 | 55 | | | 16B | 9 | | TEB5BQ | 01 | TEB590 | 01 1 | TQ2 | D3 | | 22B | | |
| 01391 | | XA428 | 42 | | XA428 | 25 | | | 16B | 9 | | SPIO07 | 02 | TEBORA | 01 2 | TQ2 | C1 | | 20A | | |
| 01499 | | XA428 | 43 | | XA428 | 37 | | | 16B | 9 | | SPIO10 | 32 | TEB590 | 01 2 | TQ2 | D3 | | 23B | | |
| 00731 | | XA428 | 44 | | | | | | | | | GND | 01 | | | TQ2 | | | 21B | | |
| 04322 | | XA428 | 45 | | | | | | | | | TEB590 | 02 | TEB590 | 00 1 | TQ2 | D3 | | 24B | | |
| 06598 | | XA428 | 46 | | XA429 | 49 | | | 16B | 9 | | TWRIT0 | 04 | TWRIT0 | 00 1 | TQ2 | D2 | | 21A | | |
| 07848 | | XA428 | 47 | | | | | | | | | TXXC10 | 02 | TXXCIA | 01 1 | TQ2 | D4 | | 25B | | |
| 06583 | | XA428 | 48 | | XA425 | 45 | | | 16B | 9 | | TWRITP | 05 | TWRIT0 | 01 1 | TQ2 | D2 | | 22A | | |
| 01498 | | XA428 | 49 | | XA428 | 43 | | | 16B | 9 | | SPIO10 | 31 | TXXCIA | 01 2 | TQ2 | D4 | | 26B | | |
| 01497 | | XA428 | 50 | | XA428 | 49 | | | 16B | 9 | | SPIO10 | 30 | TWRIT0 | 01 2 | TQ2 | D2 | | 23A | | |
| 07838 | | XA428 | 51 | | XA435 | 65 | | | 16B | 9 | | TXXCIA | 01 | TXXCIA | 00 1 | TQ2 | D4 | | 27B | | |
| 04306 | | XA428 | 52 | | | | | | | | | TLRC70 | 02 | TLRC70 | 00 1 | TQ2 | D1 | | 24A | | |
| 07577 | | XA428 | 53 | | XA518 | 11 | | | 16B | 9 | | TXR2CR | 06 | TEB4S0 | 01 1 | TQ2 | E3 | | 28B | | |
| 04295 | | XA428 | 54 | | | | | | | | | TLRC7Q | 03 | TLRC70 | 01 1 | TQ2 | D1 | | 25A | | |
| 07329 | | XA428 | 55 | | XA428 | 61 | | | 16B | 9 | | TXRAF5T | 04 | TEB4S0 | 01 2 | TQ2 | E3 | | 29B | | |
| 01496 | | XA428 | 56 | | XA428 | 50 | | | 16B | 9 | | SPT010 | 29 | TLRC70 | 01 2 | TQ2 | D1 | | 26A | | |
| 04303 | | XA428 | 57 | | XA432 | 41 | | | 16B | 9 | | TEB4S0 | 01 | TEB4S0 | 00 1 | TQ2 | E3 | | 30B | | |
| 00732 | | XA428 | 58 | | | | | | | | | GND | 01 | | | TQ2 | | | 27A | | |
| 07589 | | XA428 | 59 | | XA430 | 76 | | | 16B | 9 | | TXR3CR | 02 | TEB5S0 | 01 1 | TQ2 | E4 | | 31B | | |
| 03389 | | XA428 | 60 | | | | | | | | | TXDIRA | 01 | TXDIRA | 00 1 | TQ2 | E2 | | 28A | | |
| CONNECTOR (XA428) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

H78-14 1321

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA428
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 307

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|------|--------|-----------|-----|------|-------------|------|-------|-------|---------|--------|----------|------|------|------------------|-------|---------------------|-------------|-------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | WIRE | PREFIX | CONNECTOR | PIN | WIRE | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | AND | OR | | |
| 07330 | | XA428 | 61 | | | XA527 | 22 | | | 16B | 9 | | TXRAF5T | 05 | TEB5S0 | 01 | 2 | TQ2 | E4 | | 32B | | | |
| 01371 | | XA428 | 62 | | | XA506 | 41 | | | 16B | 9 | | TXXD1Q | 02 | TXDIRA | 01 | 1 | TQ2 | E2 | | 29A | | | |
| 04319 | | XA428 | 63 | | | XA426 | 71 | | | 16B | 9 | | TEB5S0 | 01 | TEB5S0 | 00 | 1 | TQ2 | F4 | | 33B | | | |
| 01495 | | XA428 | 64 | | | XA433 | 07 | | | 16B | 9 | | TXXC50 | 00 | TXDIRA | 01 | 2 | TQ2 | E2 | | 30A | | | |
| 07468 | | XA428 | 65 | | | XA428 | 71 | | | 16B | 9 | | TXRS00 | 01 | TXRS9A | 01 | 1 | TQ2 | F3 | | 34B | | | |
| 04225 | | XA428 | 66 | | | | | | | | | | TEBZRO | 05 | TEBZRO | 00 | 1 | TQ2 | F1 | | 31A | | | |
| 00733 | | XA428 | 67 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 40A | | | |
| 04218 | | XA428 | 68 | | | XA527 | 11 | | | 16B | 9 | | TEBZRA | 01 | TEBZRO | 01 | 1 | TQ2 | F1 | | 32A | | | |
| 07488 | | XA428 | 69 | | | XA428 | 72 | | | 16B | 9 | P | TXRS9A | 03 | TXRS2B | 01 | 3 | TQ2 | F3 | | 35A | | | |
| 07496 | | XA428 | 69 | | | | | | | | | J | TXRS9A | 01 | TXRS9A | 00 | 1 | TQ2 | F3 | | 35A | TXRS2B BUSS | | |
| 01494 | | XA428 | 70 | | | XA428 | 56 | | | 16B | 9 | | SPIO10 | 27 | TEBZRO | 01 | 2 | TQ2 | E1 | | 33A | | | |
| 07469 | | XA428 | 71 | | | XA428 | 77 | | | 16B | 9 | | TXRS00 | 02 | TXRS8A | 01 | 1 | TQ2 | F2 | | 36A | | | |
| 07489 | | XA428 | 72 | | | XA524 | 61 | | | 16B | 9 | P | TXRS8A | 04 | TXRS2B | 01 | 2 | TQ2 | F2 | | 34A | | | |
| 07495 | | XA428 | 72 | | | | | | | | | J | TXRS8A | 01 | TXRS8A | 00 | 1 | TQ2 | F2 | | 34A | TXRS2B BUSS | | |
| 01490 | | XA428 | 73 | | | XA428 | 79 | | | 16B | 9 | | SPIO10 | 23 | TXRS8A | 01 | 2 | TQ2 | F2 | | 36B | | | |
| 01493 | | XA428 | 74 | | | XA428 | 70 | | | 16B | 9 | | SPIO10 | 26 | TXRS9A | 01 | 2 | TQ2 | F3 | | 35B | | | |
| 07487 | | XA428 | 75 | | | XA428 | 69 | | | 16B | 9 | P | TXRS7A | 02 | TXRS2B | 01 | 1 | TQ2 | F1 | | 37B | | | |
| 07494 | | XA428 | 75 | | | | | | | | | J | TXRS7A | 01 | TXRS7A | 00 | 1 | TQ2 | F1 | | 37B | TXRS2B BUSS | | |
| 07471 | | XA428 | 76 | | | XA432 | 76 | | | 16B | 9 | | TXRS00 | 04 | TXRSAA | 01 | 1 | TQ2 | F4 | | 37A | | | |
| 07470 | | XA428 | 77 | | | XA428 | 76 | | | 16B | 9 | | TXRS00 | 03 | TXRS7A | 01 | 1 | TQ2 | F1 | | 38B | | | |
| 01492 | | XA428 | 78 | | | XA428 | 74 | | | 16B | 9 | | SPIO10 | 25 | TXRSAA | 01 | 2 | TQ2 | F4 | | 38A | | | |
| 01491 | | XA428 | 79 | | | XA428 | 78 | | | 16B | 9 | | SPIO10 | 24 | TXRS7A | 01 | 2 | TQ2 | F1 | | 39B | | | |
| 07373 | | XA428 | 80 | | | | | | | | | J | TXRSAA | 01 | TXRSAA | 00 | 1 | TQ2 | F4 | | 39A | TXRS2B BUSS | | |
| 07486 | | XA428 | 80 | | | XA428 | 75 | | | 16B | 9 | P | TXRSAA | 01 | TXRS2B | 01 | 4 | TQ2 | F4 | | 39A | | | |
| 07025 | | XA429 | 01 | | | XA430 | 01 | | | 16B | 9 | | TXCA10 | 01 | TXOR0A | 01 | 1 | TD4 | A2 | | 02B | | | |
| 00734 | | XA429 | 02 | | | | | | | | | | GND | 01 | | | | TD4 | | | 01A | | | |
| 00302 | | XA429 | 03 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | | |
| 07109 | | XA429 | 04 | | | XA430 | 03 | | | 16B | 9 | | TXDEVA | 01 | TXOR0A | 01 | 2 | TD4 | A2 | | 04A | | | |
| 08016 | | XA429 | 05 | | | XA426 | 27 | | | 16B | 9 | | TXOFRO | 01 | TXOR0A | 01 | 3 | TD4 | A2 | | 03B | | | |
| 07027 | | XA429 | 06 | | | XA430 | 09 | | | 16B | 9 | | TXCA10 | 03 | TXDVOA | 01 | 1 | TD4 | A1 | | 05A | | | |
| 03487 | | XA429 | 07 | | | XA429 | 13 | | | 16B | 9 | | TBUSYA | 01 | TXOR0A | 01 | 4 | TD4 | A2 | | 03A | | | |
| 07122 | | XA429 | 08 | | | XA430 | 08 | | | 16B | 9 | | TXDEVO | 02 | TXDVOA | 01 | 2 | TD4 | A1 | | 06A | | | |
| 08024 | | XA429 | 09 | | | | | | | | | | TXOR0A | 02 | TXOR0A | 00 | 1 | TD4 | A2 | | 04B | | | |
| 07132 | | XA429 | 10 | | | XA430 | 10 | | | 16B | 9 | | TXDVCO | 02 | TXDVOA | 01 | 3 | TD4 | A1 | | 07A | | | |
| 07139 | | XA429 | 11 | | | XA426 | 61 | | | 16B | 9 | | TXDVOA | 01 | TXDVOA | 00 | 1 | TD4 | A1 | | 05B | | | |
| 00109 | | XA429 | 12 | | | | | | | | | | +5V | 01 | | | | TD4 | | | | | | |
| 03488 | | XA429 | 13 | | | XA523 | 30 | | | 16B | 9 | | TBUSYA | 02 | TXDVOA | 01 | 4 | TD4 | A1 | | 06B | | | |
| 07119 | | XA429 | 14 | | | XA426 | 63 | | | 16B | 9 | | TXDEVS | 03 | TXDEVR | 01 | 1 | TD4 | B2 | | 09A | | | |
| 00303 | | XA429 | 15 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | | |
| 00735 | | XA429 | 16 | | | | | | | | | | GND | 01 | | | | TD4 | | | 20B | | | |
| 00304 | | XA429 | 17 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | | |
| 07779 | | XA429 | 18 | | | XA429 | 24 | | | 16B | 9 | | TXXB0A | 04 | TXDEVR | 01 | 2 | TD4 | B2 | | 10A | | | |
| 07822 | | XA429 | 19 | | | XA439 | 21 | | | 16B | 9 | | TXXB3A | 02 | TXDEVR | 01 | 3 | TD4 | B2 | | 09B | | | |
| 07402 | | XA429 | 20 | | | XA429 | 26 | | | 16B | 9 | | TXRS0B | 28 | TXDEVR | 01 | 4 | TD4 | B2 | | 11A | | | |
| 07116 | | XA429 | 21 | | | XA540 | 01 | | | 16B | 9 | | TXDEVR | 02 | TXDEVR | 00 | 1 | TD4 | B2 | | 10B | | A07 | |
| 07138 | | XA429 | 22 | | | | | | | | | | TXDVSS | 03 | TXDVSR | 01 | 1 | TD4 | B1 | | 12A | | | |
| 07134 | | XA429 | 23 | | | XA426 | 53 | | | 16B | 9 | | TXDVSR | 01 | TXDVSR | 00 | 1 | TD4 | B1 | | 11B | | | |
| 07780 | | XA429 | 24 | | | | | | | | | | TXXB0A | 05 | TXDVSR | 01 | 2 | TD4 | B1 | | 13A | | | |
| CONNECTOR (XA429) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1322

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA429
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 308

| FROM | TO | | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | PCO NO |
|-----------|--------|-----------|---------------------------------|-----|--------|-----------|-----|--------|--------|----------|------|--------|------------------|-------|---------------------|-------------|-------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SHT | PREFIX | CONNECTOR | PIN | | | | | | | | | SHT | MULTI GROUP | | |
| 07821 | XA429 | 25 | | | XA429 | 19 | | | 16B | 9 | | | | | | | | | |
| 07403 | XA429 | 26 | | | XA431 | 26 | | | 16B | 9 | | | | | | | 12B | | |
| 00305 | XA429 | 27 | | | | | | | | | | | | | | | 14A | | |
| 00110 | XA429 | 28 | | | | | | | | | | | | | | | | | |
| 00306 | XA429 | 29 | | | | | | | | | | | | | | | | | |
| 06595 | XA429 | 30 | | | XA429 | 37 | | | 16B | 9 | | | | | | | | | |
| 07229 | XA429 | 31 | | | XA429 | 38 | | | 16B | 9 | | | | | | | | | |
| 00736 | XA429 | 32 | | | | | | | | | | | | | | | | | |
| 07219 | XA429 | 33 | | | | | | | | | | | | | | | | | |
| 07816 | XA429 | 34 | | | XA430 | 40 | | | 16B | 9 | | | | | | | | | |
| 07216 | XA429 | 35 | | | | | | | | | | | | | | | | | |
| 07756 | XA429 | 36 | | | XA430 | 37 | | | 16B | 9 | | | | | | | | | |
| 06596 | XA429 | 37 | | | XA429 | 43 | | | 16B | 9 | | | | | | | | | |
| 07230 | XA429 | 38 | | | XA429 | 46 | | | 16B | 9 | | | | | | | | | |
| 00307 | XA429 | 39 | | | | | | | | | | | | | | | | | |
| 07801 | XA429 | 40 | | | XA437 | 46 | | | 16B | 9 | | | | | | | | | |
| 00308 | XA429 | 41 | | | | | | | | | | | | | | | | | |
| 07758 | XA429 | 42 | | | XA430 | 42 | | | 16B | 9 | | | | | | | | | |
| 06597 | XA429 | 43 | | | XA428 | 46 | | | 16B | 9 | | | | | | | | | |
| 00737 | XA429 | 44 | | | | | | | | | | | | | | | | | |
| 07225 | XA429 | 45 | | | | | | | | | | | | | | | | | |
| 07231 | XA429 | 46 | | | XA429 | 52 | | | 16B | 9 | | | | | | | | | |
| 07222 | XA429 | 47 | | | | | | | | | | | | | | | | | |
| 07831 | XA429 | 48 | | | XA440 | 57 | | | 16B | 9 | | | | | | | | | |
| 06599 | XA429 | 49 | | | XA429 | 61 | | | 16B | 9 | | | | | | | | | |
| 07760 | XA429 | 50 | | | XA429 | 56 | | | 16B | 9 | | | | | | | | | |
| 00309 | XA429 | 51 | | | | | | | | | | | | | | | | | |
| 07232 | XA429 | 52 | | | XA429 | 66 | | | 16B | 9 | | | | | | | | | |
| 00310 | XA429 | 53 | | | | | | | | | | | | | | | | | |
| 07826 | XA429 | 54 | | | XA440 | 60 | | | 16B | 9 | | | | | | | | | |
| 07540 | XA429 | 55 | | | | | | | | | | | | | | | | | |
| 07761 | XA429 | 56 | | | XA430 | 56 | | | 16B | 9 | | | | | | | | | |
| 05214 | XA429 | 57 | | | XA439 | 53 | | | 16B | 9 | | | | | | | | | |
| 00738 | XA429 | 58 | | | | | | | | | | | | | | | | | |
| 07127 | XA429 | 59 | | | | | | | | | | | | | | | | | |
| 07543 | XA429 | 60 | | | | | | | | | | | | | | | | | |
| 06600 | XA429 | 61 | | | XA515 | 37 | | | 16B | 9 | | | | | | | | | |
| 07530 | XA429 | 62 | | | XA426 | 54 | | | 16B | 9 | | | | | | | | | |
| 00311 | XA429 | 63 | | | | | | | | | | | | | | | | | |
| 07317 | XA429 | 64 | | | XA426 | 56 | | | 16B | 9 | | | | | | | | | |
| 00312 | XA429 | 65 | | | | | | | | | | | | | | | | | |
| 07233 | XA429 | 66 | | | XA432 | 52 | | | 16B | 9 | | | | | | | | | |
| 00739 | XA429 | 67 | | | | | | | | | | | | | | | | | |
| 07520 | XA429 | 68 | | | XA431 | 23 | | | 16B | 9 | | | | | | | | | |
| 07855 | XA429 | 69 | | | XA539 | 20 | | | 16B | 9 | | | | | | | | | |
| 07763 | XA429 | 70 | | | | | | | | | | | | | | | | | |
| 07840 | XA429 | 71 | | | XA431 | 66 | | | 16B | 9 | | | | | | | | | |
| 07888 | XA429 | 72 | | | XA435 | 35 | | | 16B | 9 | | | | | | | | | |
| 07900 | XA429 | 73 | | | XA431 | 68 | | | 16B | 9 | | | | | | | | | |
| 07919 | XA429 | 74 | | | XA431 | 13 | | | 16B | 9 | | | | | | | | | |
| CONNECTOR | | XA429 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | |

H78-14 1323

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA429
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 309

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FIC | PREFIX | CONNECTOR | PIN | SH FIC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 06013 | | XA429 | 75 | | XA523 | 05 | | | 16B | 9 | | | TSYN1A | 01 | TXXC10 | 01 | 1 | TD4 | F1 | | 37B | | |
| 07847 | | XA429 | 76 | | XA428 | 47 | | | 16B | 9 | | | TXXC10 | 01 | TXXC10 | 00 | 1 | TD4 | F1 | | 37A | INDICATOR INPUTS | |
| 06058 | | XA429 | 77 | | | | | | | | | | TTASLA | 02 | TXXC10 | 01 | 2 | TD4 | F1 | | 38B | | |
| 07660 | | XA429 | 78 | | XA432 | 49 | | | 16B | 9 | | | TXSS0A | 01 | TXXC10 | 01 | 3 | TD4 | F1 | | 38A | | |
| 08001 | | XA429 | 79 | | XA523 | 26 | | | 16B | 9 | | | TXOD3A | 03 | TXXC10 | 01 | 4 | TD4 | F1 | | 39B | | |
| 00313 | | XA429 | 80 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 07026 | | XA430 | 01 | | XA429 | 06 | | | 16B | 9 | | | TXCA10 | 02 | TXIROA | 01 | 1 | TT3 | A2 | | 02B | | |
| 00740 | | XA430 | 02 | | | | | | | | | | GND | 01 | | | | TT3 | | | 01B | | |
| 07110 | | XA430 | 03 | | XA430 | 11 | | | 16B | 9 | | | TXDEVA | 02 | TXIROA | 01 | 2 | TT3 | A2 | | 02A | | |
| 07192 | | XA430 | 04 | | XA426 | 55 | | | 16B | 9 | | | TXDV5A | 01 | TXDV5A | 00 | 1 | TT3 | A1 | | 04A | | |
| 07299 | | XA430 | 05 | | XA426 | 22 | | | 16B | 9 | | | TXIRCO | 01 | TXIROA | 01 | 3 | TT3 | A2 | | 03B | | |
| 07029 | | XA430 | 06 | | XA430 | 22 | | | 16B | 9 | | | TXCA10 | 05 | TXDV5A | 01 | 1 | TT3 | A1 | | 05A | | |
| 07303 | | XA430 | 07 | | | | | | | | | | TXIROA | 02 | TXIROA | 00 | 1 | TT3 | A2 | | 03A | | |
| 07123 | | XA430 | 08 | | | | | | | | | | TXDEV0 | 03 | TXDV5A | 01 | 2 | TT3 | A1 | | 06A | | |
| 07028 | | XA430 | 09 | | XA430 | 06 | | | 16B | 9 | | | TXCA10 | 04 | TXEBOA | 01 | 1 | TT3 | A3 | | 04B | | |
| 07133 | | XA430 | 10 | | | | | | | | | | TXDVCO | 03 | TXDV5A | 01 | 3 | TT3 | A1 | | 07A | | |
| 07111 | | XA430 | 11 | | XA430 | 24 | | | 16B | 9 | | | TXDEVA | 03 | TXEBOA | 01 | 2 | TT3 | A3 | | 05B | | |
| 00111 | | XA430 | 12 | | | | | | | | | | +5V | 01 | | | | TT3 | | | | | |
| 07237 | | XA430 | 13 | | | | | | | | | | TXE0B0 | 02 | TXEBOA | 01 | 3 | TT3 | A3 | | 06B | | |
| 08009 | | XA430 | 14 | | XA431 | 21 | | | 16B | 9 | | | TXOFRS | 02 | TXOFRR | 01 | 1 | TT3 | B2 | | 09A | | |
| 07202 | | XA430 | 15 | | XA436 | 39 | | | 16B | 9 | | | TXEBOA | 01 | TXEBOA | 00 | 1 | TT3 | A3 | | 07B | | |
| 00741 | | XA430 | 16 | | | | | | | | | | GND | 01 | | | | TT3 | | | 21B | | |
| 07778 | | XA430 | 17 | | XA429 | 18 | | | 16B | 9 | | | TXXB0A | 03 | TXOFRR | 01 | 2 | TT3 | B2 | | 08B | | |
| 07401 | | XA430 | 18 | | XA429 | 20 | | | 16B | 9 | | | TXRS0B | 27 | TXOFRR | 01 | 3 | TT3 | B2 | | 10A | | |
| 08007 | | XA430 | 19 | | | | | | | | | | TXOFRR | 02 | TXOFRR | 00 | 1 | TT3 | B2 | | 09B | | |
| 07287 | | XA430 | 20 | | | | | | | | | | TXHS0A | 02 | TXHS0A | 00 | 1 | TT3 | B1 | | 11A | | |
| 07118 | | XA430 | 21 | | XA429 | 14 | | | 16B | 9 | | | TXDEVS | 02 | TEB5RA | 01 | 1 | TT3 | B3 | | 10B | | |
| 07030 | | XA430 | 22 | | XA426 | 66 | | | 16B | 9 | | | TXCA10 | 06 | TXHS0A | 01 | 1 | TT3 | B1 | | 12A | | |
| 07815 | | XA430 | 23 | | | | | | | | | | TXXB1P | 04 | TEB5RA | 01 | 2 | TT3 | B3 | | 11B | B08 | |
| 07112 | | XA430 | 24 | | XA426 | 62 | | | 16B | 9 | | | TXDEVA | 04 | TXHS0A | 01 | 2 | TT3 | B1 | | 13A | | |
| 07748 | | XA430 | 25 | | XA438 | 59 | | | 16B | 9 | | | SPI014 | 00A | TEB5RA | 01 | 3 | TT3 | B3 | | 12B | B08 | |
| 07284 | | XA430 | 26 | | XA426 | 01 | | | 16B | 9 | | | TXHST0 | 01 | TXHS0A | 01 | 3 | TT3 | B1 | | 14A | | |
| 04316 | | XA430 | 27 | | | | | | | | | | TEB5RA | 02 | TEB5RA | 00 | 1 | TT3 | B3 | | 13B | | |
| 00112 | | XA430 | 28 | | | | | | | | | | +5V | 01 | | | | TT3 | | | | | |
| 08011 | | XA430 | 29 | | XA430 | 33 | | | 16B | 9 | | | TXOFRS | 04 | TXOD1A | 01 | 1 | TT3 | C2 | | 14B | | |
| 07825 | | XA430 | 30 | | XA429 | 54 | | | 16B | 9 | | | TXXB30 | 01 | TXOD1A | 01 | 2 | TT3 | C2 | | 15A | | |
| 07993 | | XA430 | 31 | | XA520 | 31 | | | 16B | 9 | | | TXOD1A | 01 | TXOD1A | 00 | 1 | TT3 | C2 | | 15B | 0FR RECEIVE DATA | |
| 00742 | | XA430 | 32 | | | | | | | | | | GND | 01 | | | | TT3 | | | 27A | | |
| 08012 | | XA430 | 33 | | XA430 | 38 | | | 16B | 9 | | | TXOFRS | 05 | TXOD2A | 01 | 1 | TT3 | C3 | | 16B | | |
| 07755 | | XA430 | 34 | | XA429 | 36 | | | 16B | 9 | | | TXXA50 | 03 | TXOD1A | 01 | 3 | TT3 | C2 | | 16A | | |
| 07830 | | XA430 | 35 | | XA429 | 48 | | | 16B | 9 | | | TXXB40 | 01 | TXOD2A | 01 | 2 | TT3 | C3 | | 17B | | |
| 07992 | | XA430 | 36 | | | | | | | | | | TXOD0A | 03 | TXOD0A | 00 | 1 | TT3 | C1 | | 17A | 0FR RECEIVE DATA | |
| 07757 | | XA430 | 37 | | XA429 | 42 | | | 16B | 9 | | | TXXA50 | 05 | TXOD2A | 01 | 3 | TT3 | C3 | | 18B | | |
| 08013 | | XA430 | 38 | | XA430 | 52 | | | 16B | 9 | | | TXOFRS | 06 | TXOD0A | 01 | 1 | TT3 | C1 | | 18A | | |
| 07998 | | XA430 | 39 | | | | | | | | | | TXOD2A | 03 | TXOD2A | 00 | 1 | TT3 | C3 | | 19B | 0FR RECEIVE DATA | |
| 07817 | | XA430 | 40 | | XA437 | 31 | | | 16B | 9 | | | TXXB20 | 03 | TXOD0A | 01 | 2 | TT3 | C1 | | 19A | | |
| 06064 | | XA430 | 41 | | XA431 | 41 | | | 16B | 9 | | | TTAS10 | 03 | UEBOCA | 01 | 1 | TT3 | D2 | | 22B | B08 | |
| 07759 | | XA430 | 42 | | XA429 | 50 | | | 16B | 9 | | | TXXA50 | 07 | TXOD0A | 01 | 3 | TT3 | C1 | | 20A | | |
| CONNECTOR (XA430) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1324

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA430
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 310

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|---------|--------|---------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FE | PREFIX | CONNECTOR | PIN | SH FE | MULTI-GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 04231 | XA430 | 43 | | | | | | | | | | | UEB0CA | 02 | UEB0CA | 00 | 1 | TT3 | D2 | | 23B | | |
| 00743 | XA430 | 44 | | | | | | | | | | GND | 01 | | | | | TT3 | | | 40A | | B08 |
| 07908 | XA430 | 45 | | | XA503 | 50 | | | 16B | 9 | | TXXDIR | 02 | TXXDIS | 01 | 1 | TT3 | D3 | | | 24B | | |
| 07500 | XA430 | 46 | | | XA536 | 71 | | | 16B | 9 | | TXROCR | 04 | UEB0CA | 01 | 2 | TT3 | D2 | | | 21A | | B08 |
| 04461 | XA430 | 47 | | | XA418 | 68 | | | 16B | 9 | | TINT2A | 01 | TXXDIS | 01 | 2 | TT3 | D3 | | | 25B | | |
| 07160 | XA430 | 48 | | | XA430 | 62 | | | 16B | 9 | | TXDV1B | 15 | UEB0CA | 01 | 3 | TT3 | D2 | | | 22A | | B08 |
| 04473 | XA430 | 49 | | | XA418 | 70 | | | 16B | 9 | | TINT6A | 01 | TXXDIS | 01 | 3 | TT3 | D3 | | | 26B | | |
| 08000 | XA430 | 50 | | | XA429 | 79 | | | 16B | 9 | | TXOD3A | 02 | TXOD3A | 00 | 1 | TT3 | D1 | | | 23A | | |
| 07911 | XA430 | 51 | | | XA431 | 45 | | | 16B | 9 | | TXXDIS | 02 | TXXDIS | 00 | 1 | TT3 | D3 | | | 27B | | |
| 08014 | XA430 | 52 | | | XA426 | 75 | | | 16B | 9 | | TXORS | 07 | TXOD3A | 01 | 1 | TT3 | D1 | | | 24A | | |
| 06068 | XA430 | 53 | | | XA430 | 57 | | | 16B | 9 | | TTAS10 | 07 | UEB1CA | 01 | 1 | TT3 | E2 | | | 28B | | B08 |
| 07836 | XA430 | 54 | | | XA440 | 63 | | | 16B | 9 | | TXXB50 | 01 | TXOD3A | 01 | 2 | TT3 | D1 | | | 25A | | |
| 04251 | XA430 | 55 | | | | | | | | | | UEB1CA | 02 | UEB1CA | 00 | 1 | TT3 | E2 | | | 29B | | B08 |
| 07762 | XA430 | 56 | | | XA429 | 70 | | | 16B | 9 | | TXXA50 | 10 | TXOD3A | 01 | 3 | TT3 | D1 | | | 26A | | |
| 06069 | XA430 | 57 | | | XA430 | 69 | | | 16B | 9 | | TTAS10 | 08 | UEB2CA | 01 | 1 | TT3 | E3 | | | 30B | | B08 |
| 00744 | XA430 | 58 | | | | | | | | | | GND | 01 | | | | TT3 | | | | 40B | | |
| 07576 | XA430 | 59 | | | XA428 | 53 | | | 16B | 9 | | TXR2CR | 05 | UEB2CA | 01 | 2 | TT3 | E3 | | | 31B | | B08 |
| 07558 | XA430 | 60 | | | XA536 | 74 | | | 16B | 9 | | TXR1CR | 05 | UEB1CA | 01 | 2 | TT3 | E2 | | | 28A | | B08 |
| 07164 | XA430 | 61 | | | XA430 | 78 | | | 16B | 9 | | TXDV1B | 19 | UEB2CA | 01 | 3 | TT3 | E3 | | | 32B | | B08 |
| 07161 | XA430 | 62 | | | XA431 | 61 | | | 16B | 9 | | TXDV1B | 16 | UEB1CA | 01 | 3 | TT3 | E2 | | | 29A | | B08 |
| 04265 | XA430 | 63 | | | | | | | | | | UEB2CA | 01 | UEB2CA | 00 | 1 | TT3 | E3 | | | 33B | | B08 |
| 07073 | XA430 | 64 | | | | | | | | | | TXDBIA | 02 | TXDBIA | 00 | 1 | TT3 | E1 | | | 30A | | |
| 07387 | XA430 | 65 | | | XA432 | 63 | | | 16B | 9 | | TXRSOB | 13 | TXINOA | 01 | 1 | TT3 | F2 | | | 34B | | |
| 07929 | XA430 | 66 | | | XA434 | 74 | | | 16B | 9 | | TXXDSQ | 09 | TXDBIA | 01 | 1 | TT3 | E1 | | | 31A | | |
| 00745 | XA430 | 67 | | | | | | | | | | GND | 01 | | | | TT3 | | | | | | |
| 07932 | XA430 | 68 | | | | | | | | | | TXXDOP | 02 | TXDBIA | 01 | 2 | TT3 | E1 | | | 32A | | |
| 06070 | XA430 | 69 | | | XA431 | 75 | | | 16B | 9 | | TTAS10 | 09 | UEB3CA | 01 | 1 | TT3 | F3 | | | 35A | | B08 |
| 07947 | XA430 | 70 | | | XA436 | 07 | | | 16B | 9 | | TXXD1Q | 11 | TXDBIA | 01 | 3 | TT3 | E1 | | | 33A | | A03 |
| 07341 | XA430 | 71 | | | XA433 | 66 | | | 16B | 9 | | TXRCMS | 01 | TXINOA | 01 | 2 | TT3 | F2 | | | 36A | | |
| 08021 | XA430 | 72 | | | XA439 | 39 | | | 16B | 9 | | TXONLO | 04 | TXINOA | 01 | 3 | TT3 | F2 | | | 34A | | |
| 07295 | XA430 | 73 | | | XA426 | 76 | | | 16B | 9 | | TXINHNS | 01 | TXINHNS | 00 | 1 | TT3 | F1 | | | 36B | | |
| 07298 | XA430 | 74 | | | | | | | | | | TXINOA | 02 | TXINOA | 00 | 1 | TT3 | F2 | | | 35B | | |
| 07289 | XA430 | 75 | | | XA431 | 49 | | | 16B | 9 | | TXINHR | 02 | TXINHNS | 01 | 1 | TT3 | F1 | | | 37B | | |
| 07590 | XA430 | 76 | | | XA437 | 06 | | | 16B | 9 | | TXR3CR | 03 | UEB3CA | 01 | 2 | TT3 | F3 | | | 37A | | B08 |
| 08020 | XA430 | 77 | | | XA430 | 72 | | | 16B | 9 | | TXONLO | 03 | TXINHNS | 01 | 2 | TT3 | F1 | | | 38B | | |
| 07165 | XA430 | 78 | | | XA431 | 79 | | | 16B | 9 | | TXDV1B | 20 | UEB3CA | 01 | 3 | TT3 | E3 | | | 38A | | B08 |
| 07386 | XA430 | 79 | | | XA430 | 65 | | | 16B | 9 | | TXRSOB | 12 | TXINHNS | 01 | 3 | TT3 | F1 | | | 39B | | |
| 04281 | XA430 | 80 | | | | | | | | | | UEB3CA | 02 | UEB3CA | 00 | 1 | TT3 | F3 | | | 39A | | B08 |
| 06946 | XA431 | 01 | | | XA443 | 36 | | | 16B | 9 | | TXRCMOX | 01 | TXBRSA | 01 | 1 | TT3 | A2 | | | 02B | | |
| 00746 | XA431 | 02 | | | | | | | | | | GND | 01 | | | | TT3 | | | | 01B | | |
| 06950 | XA431 | 03 | | | XA443 | 31 | | | 16B | 9 | | TXBENOX | 01 | TXBRSA | 01 | 2 | TT3 | A2 | | | 02A | | |
| 06870 | XA431 | 04 | | | | | | | | | | TXARSA | 02 | TXARSA | 00 | 1 | TT3 | A1 | | | 04A | | |
| 06984 | XA431 | 05 | | | XA433 | 01 | | | 16B | 9 | | TXBSLOX | 01 | TXBRSA | 01 | 3 | TT3 | A2 | | | 03B | | |
| 06814 | XA431 | 06 | | | XA444 | 36 | | | 16B | 9 | | TXACMOX | 01 | TXARSA | 01 | 1 | TT3 | A1 | | | 05A | | |
| 06978 | XA431 | 07 | | | | | | | | | | TXBRSA | 02 | TXBRSA | 00 | 1 | TT3 | A2 | | | 03A | | |
| 06838 | XA431 | 08 | | | XA444 | 31 | | | 16B | 9 | | TXAENOX | 01 | TXARSA | 01 | 2 | TT3 | A1 | | | 06A | | |
| 07890 | XA431 | 09 | | | | | | | | | | TXXDOP | 05 | TXXDRO | 01 | 1 | TT3 | A3 | | | 04B | | |
| 06876 | XA431 | 10 | | | XA433 | 06 | | | 16B | 9 | | TXASLOX | 01 | TXARSA | 01 | 3 | TT3 | A1 | | | 07A | | |
| CONNECTOR XA431 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1325

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA431
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 311

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | C/T OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|--------|------------|----------|--------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FT | PREFIX | CONNECTOR | PIN | SH FT | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 07903 | | XA431 | 11 | | | XA434 | 23 | | | 16B | 9 | | | TXXDIP +5V | 06 01 | TXXDRO | 01 2 | TT3 TT3 | A3 | | 05B | | |
| 00113 | | XA431 | 12 | | | | | | | | | | | | | | | | | | | | |
| 07920 | | XA431 | 13 | | | | | | | | | | | TXXDSP | 03 | TXXDRO | 01 3 | TT3 | A3 | | 06B | | |
| 05064 | | XA431 | 14 | | | | | | | | | | | TREADQ | 05 | TRTDEA | 01 1 | TT3 | B2 | | 09A | | |
| 07916 | | XA431 | 15 | | | XA432 | 08 | | | 16B | 9 | | | TXXDRO | 01 | TXXDRO | 00 1 | TT3 | A3 | | 07B | | |
| 00747 | | XA431 | 16 | | | | | | | | | | | GND | 01 | | | TT3 | | | 21B | | |
| 05116 | | XA431 | 17 | | | | | | | | | | | TREN2S | 05 | TRTDEA | 01 2 | TT3 | B2 | | 08B | | |
| 07200 | | XA431 | 18 | | | XA432 | 38 | | | 16B | 9 | | | TXEADQ | 03 | TRTDEA | 01 3 | TT3 | R2 | | 10A | | |
| 05339 | | XA431 | 19 | | | | | | | | | | | TRTDEA | 02 | TRTDEA | 00 1 | TT3 | B2 | | 09B | | |
| 07770 | | XA431 | 20 | | | XA432 | 03 | | | 16B | 9 | | | TXXBCO | 01 | TXXBCO | 00 1 | TT3 | B1 | | 11A | | |
| 08010 | | XA431 | 21 | | | XA430 | 29 | | | 16B | 9 | | | TXOFRS | 03 | TXODEA | 01 1 | TT3 | B3 | | 10B | | |
| 07340 | | XA431 | 22 | | | | | | | | | | | TXRCMR | 04 | TXXBCO | 01 1 | TT3 | B1 | | 12A | | |
| 07521 | | XA431 | 23 | | | XA432 | 04 | | | 16B | 9 | | | TXROPFR | 02 | TXODEA | 01 2 | TT3 | B3 | | 11B | | |
| 07348 | | XA431 | 24 | | | | | | | | | | | TXRENR | 04 | TXXBCO | 01 2 | TT3 | B1 | | 13A | | |
| 07754 | | XA431 | 25 | | | XA430 | 34 | | | 16B | 9 | | | TXXA50 | 02 | TXODEA | 01 3 | TT3 | B3 | | 12B | | |
| 07404 | | XA431 | 26 | | | XA431 | 34 | | | 16B | 9 | | | TXRSOB | 30 | TXXBCO | 01 3 | TT3 | B1 | | 14A | | |
| 07987 | | XA431 | 27 | | | | | | | | | | | TXODEA | 02 | TXODEA | 00 1 | TT3 | B3 | | 13B | OFR RECEIVE DATA | |
| 00114 | | XA431 | 28 | | | | | | | | | | | +5V | 01 | | | TT3 | | | | | |
| 04236 | | XA431 | 29 | | | | | | | | | | | TEBODA | 05 | TEB1R0 | 01 1 | TT3 | C2 | | 14B | | |
| 04250 | | XA431 | 30 | | | XA431 | 35 | | | 16B | 9 | | | SPI013 | 0A | TEB1R0 | 01 2 | TT3 | C2 | | 15A | B08 | |
| 04254 | | XA431 | 31 | | | XA428 | 34 | | | 16B | 9 | | | TEB1R0 | 01 | TEB1R0 | 00 1 | TT3 | C2 | | 15B | | |
| 00748 | | XA431 | 32 | | | | | | | | | | | GND | 01 | | | TT3 | | | 27A | | |
| 04235 | | XA431 | 33 | | | XA431 | 29 | | | 16B | 9 | | | TEBODA | 04 | TEB2R0 | 01 1 | TT3 | C3 | | 16B | | |
| 07405 | | XA431 | 34 | | | XA431 | 42 | | | 16B | 9 | | | TXRSOB | 31 | TEB1R0 | 01 3 | TT3 | C2 | | 16A | | |
| 04266 | | XA431 | 35 | | | XA431 | 40 | | | 16B | 9 | | | SPI013 | 0B | TEB2R0 | 01 2 | TT3 | C3 | | 17B | B08 | |
| 04239 | | XA431 | 36 | | | XA428 | 40 | | | 16B | 9 | | | TEB0R0 | 01 | TEB0R0 | 00 1 | TT3 | C1 | | 17A | EOB COUNTER BIT 0 | |
| 07407 | | XA431 | 37 | | | | | | | | | | | TXRSOB | 33 | TEB2R0 | 01 3 | TT3 | C3 | | 18B | | |
| 04234 | | XA431 | 38 | | | XA431 | 33 | | | 16B | 9 | | | TEBODA | 03 | TEB0R0 | 01 1 | TT3 | C1 | | 18A | | |
| 04269 | | XA431 | 39 | | | XA428 | 29 | | | 16B | 9 | | | TEB2R0 | 01 | TEB2R0 | 00 1 | TT3 | C3 | | 19B | | |
| 04230 | | XA431 | 40 | | | XA431 | 54 | | | 16B | 9 | | | SPI013 | 0C | TEB0R0 | 01 2 | TT3 | C1 | | 19A | B08 | |
| 06065 | | XA431 | 41 | | | XA431 | 57 | | | 16B | 9 | | | TTAS10 | 04 | TEB0SA | 01 1 | TT3 | D2 | | 22B | | |
| 07406 | | XA431 | 42 | | | XA431 | 37 | | | 16B | 9 | | | TXRSOB | 32 | TEB0R0 | 01 3 | TT3 | C1 | | 20A | | |
| 04242 | | XA431 | 43 | | | | | | | | | | | TEB0SA | 02 | TEB0SA | 00 1 | TT3 | D2 | | 23B | EOB COUNTER BIT 0 | |
| 00749 | | XA431 | 44 | | | | | | | | | | | GND | 01 | | | TT3 | | | 40A | | |
| 07912 | | XA431 | 45 | | | | | | | | | | | TXXDIS | 03 | TXXDIR | 01 1 | TT3 | D3 | | 24B | | |
| 07509 | | XA431 | 46 | | | XA439 | 65 | | | 16B | 9 | | | TXR0CS | 07 | TEB0SA | 01 2 | TT3 | D2 | | 21A | | |
| 07902 | | XA431 | 47 | | | XA428 | 60 | | | 16B | 9 | | | TXDIRA | 00 | TXXDIR | 01 2 | TT3 | D3 | | 25B | | |
| 07159 | | XA431 | 48 | | | XA430 | 48 | | | 16B | 9 | | | TXDV1B | 14 | TEB0SA | 01 3 | TT3 | D2 | | 22A | | |
| 07290 | | XA431 | 49 | | | XA433 | 24 | | | 16B | 9 | | | TXINHRR | 03 | TXXDIR | 01 3 | TT3 | D3 | | 26B | | |
| 04284 | | XA431 | 50 | | | XA428 | 35 | | | 16B | 9 | | | TEB3R0 | 01 | TEB3R0 | 00 1 | TT3 | D1 | | 23A | | |
| 07907 | | XA431 | 51 | | | XA430 | 45 | | | 16B | 9 | | | TXXDIR | 01 | TXXDIR | 00 1 | TT3 | D3 | | 27B | | |
| 04233 | | XA431 | 52 | | | XA431 | 38 | | | 16B | 9 | | | TEBODA | 02 | TEB3R0 | 01 1 | TT3 | D1 | | 24A | | |
| 06067 | | XA431 | 53 | | | XA430 | 53 | | | 16B | 9 | | | TTAS10 | 06 | TEB1SA | 01 1 | TT3 | E2 | | 28B | | |
| 04280 | | XA431 | 54 | | | XA438 | 55 | | | 16B | 9 | | | SPI013 | 0D | TEB3R0 | 01 2 | TT3 | D1 | | 25A | B08 | |
| 04256 | | XA431 | 55 | | | XA435 | 41 | | | 16B | 9 | | | TEB1SA | 01 | TEB1SA | 00 1 | TT3 | E2 | | 29B | | |
| 07389 | | XA431 | 56 | | | XA432 | 57 | | | 16B | 9 | | | TXRSOB | 15 | TEB3R0 | 01 3 | TT3 | D1 | | 24A | | |
| 06066 | | XA431 | 57 | | | XA431 | 53 | | | 16B | 9 | | | TTAS10 | 05 | TEB2SA | 01 1 | TT3 | E3 | | 30B | | |
| 00750 | | XA431 | 58 | | | | | | | | | | | GND | 01 | | | TT3 | | | 40B | | |
| 07584 | | XA431 | 59 | | | XA438 | 07 | | | 16B | 9 | | | TXR2CS | 06 | TEB2SA | 01 2 | TT3 | E3 | | 31B | | |
| 07567 | | XA431 | 60 | | | XA439 | 76 | | | 16B | 9 | | | TXR1CS | 07 | TEB1SA | 01 2 | TT3 | E2 | | 28A | | |
| CONNECTOR XA431 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1326

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA431
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 312

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | PLATE | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|------|--------|-----------|-----|------|-------------|------|-------|--------|---------|--------|----------|------|-------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | WIRE | PREFIX | CONNECTOR | PIN | WIRE | MULTI GROUP | CODE | COLOR | IDEN | | | | | | | | | | | |
| 07162 | | XA431 | 61 | | | XA431 | 62 | | | 16B | 9 | | TXDV1B | 17 | TEB2SA | 01 | 3 | TT3 | E3 | | 32B | | |
| 07163 | | XA431 | 62 | | | XA430 | 61 | | | 16B | 9 | | TXDV1B | 18 | TEB1SA | 01 | 3 | TT3 | E2 | | 29A | | |
| 04271 | | XA431 | 63 | | | XA434 | 63 | | | 16B | 9 | | TEB2SA | 01 | TEB2SA | 00 | 1 | TT3 | E3 | | 33B | | |
| 07076 | | XA431 | 64 | | | | | | | | | | TXDBIO | 03 | TXDBIO | 00 | 1 | TT3 | E1 | | 30A | | |
| 05931 | | XA431 | 65 | | | XA408 | 62 | | | 16B | 9 | | TSTP1S | 01 | TSTP8A | 01 | 1 | TT3 | F2 | | 34B | | |
| 07841 | | XA431 | 66 | | | XA435 | 69 | | | 16B | 9 | | TXXCIP | 02 | TXDBIO | 01 | 1 | TT3 | E1 | | 31A | | |
| 00751 | | XA431 | 67 | | | | | | | | | | GND | 01 | | | | | | | | | |
| 07901 | | XA431 | 68 | | | XA431 | 11 | | | 16B | 9 | | TXXDIP | 04 | TXDBIO | 01 | 2 | TT3 | E1 | | 32A | | |
| 05988 | | XA431 | 69 | | | | | | | | | | TSTR2S | 04 | TSTR2R | 01 | 1 | TT3 | F3 | | 35A | | |
| 07072 | | XA431 | 70 | | | XA430 | 64 | | | 16B | 9 | | TXDBIA | 01 | TXDBIO | 01 | 3 | TT3 | E1 | | 33A | | |
| 08060 | | XA431 | 71 | | | XA432 | 39 | | | 16B | 9 | | TSTP90 | 01 | TSTP8A | 01 | 2 | TT3 | F2 | | 36A | A03 | |
| 05655 | | XA431 | 72 | | | XA525 | 07 | | | 16B | 9 | | TSCL1B | 02 | TSTP8A | 01 | 3 | TT3 | F2 | | 34A | | |
| 04286 | | XA431 | 73 | | | XA436 | 41 | | | 16B | 9 | | TEB3SA | 01 | TEB3SA | 00 | 1 | TT3 | F1 | | 36B | | |
| 05954 | | XA431 | 74 | | | XA409 | 71 | | | 16B | 9 | | TSTP8A | 01 | TSTP8A | 00 | 1 | TT3 | F2 | | 35B | | |
| 06071 | | XA431 | 75 | | | XA539 | 05 | | | 16B | 9 | | TTAS10 | 10 | TEB3SA | 01 | 1 | TT3 | F1 | | 37B | | |
| 05953 | | XA431 | 76 | | | | | | | | | | TSTP6A | 04 | TSTR2R | 01 | 2 | TT3 | F3 | | 37A | | |
| 07598 | | XA431 | 77 | | | XA530 | 18 | | | 16B | 9 | | TXR3CS | 05 | TEB3SA | 01 | 2 | TT3 | F1 | | 38B | | |
| 07385 | | XA431 | 78 | | | XA430 | 79 | | | 16B | 9 | | TXRS0B | 11 | TSTR2R | 01 | 3 | TT3 | F3 | | 38A | | |
| 07166 | | XA431 | 79 | | | XA426 | 73 | | | 16B | 9 | | TXDV1B | 21 | TEB3SA | 01 | 3 | TT3 | F1 | | 39B | | |
| 05983 | | XA431 | 80 | | | XA409 | 38 | | | 16B | 9 | | TSTR2R | 01 | TSTR2R | 00 | 1 | TT3 | F3 | | 39A | | |
| 07519 | | XA432 | 01 | | | | | | | | | | TXROPA | 05 | TXROPA | 00 | 1 | TQ2 | A2 | | 02B | | |
| 00752 | | XA432 | 02 | | | | | | | | | GND | 01 | | | | | | | | 01A | | |
| 07771 | | XA432 | 03 | | | | | | | | | TXXB00 | 02 | TXXB00 | 01 | 1 | TQ2 | A3 | | | 02A | | |
| 07522 | | XA432 | 04 | | | XA438 | 13 | | | 16B | 9 | | TXR0PPR | 03 | TXROPA | 01 | 1 | TQ2 | A2 | | 04A | | |
| 01470 | | XA432 | 05 | | | XA432 | 07 | | | 16B | 9 | | SPI010 | 03 | TXROPA | 01 | 2 | TQ2 | A2 | | 03B | | |
| 07915 | | XA432 | 06 | | | | | | | | | TXXDRA | 03 | TXXDRA | 00 | 1 | TQ2 | A1 | | | 05A | | |
| 01471 | | XA432 | 07 | | | XA432 | 13 | | | 16B | 9 | | SPI010 | 04 | TXXB00 | 01 | 2 | TQ2 | A3 | | 03A | | |
| 07917 | | XA432 | 08 | | | | | | | | | TXXDRO | 02 | TXXDRA | 01 | 1 | TQ2 | A1 | | | 06A | | |
| 07789 | | XA432 | 09 | | | | | | | | | TXXB00 | 04 | TXXB00 | 00 | 1 | TQ2 | A3 | | | 04B | I/O BYTE COUNTER | |
| 01469 | | XA432 | 10 | | | XA432 | 05 | | | 16B | 9 | | SPI010 | 02 | TXXDRA | 01 | 2 | TQ2 | A1 | | 07A | | |
| 07713 | | XA432 | 11 | | | XA437 | 11 | | | 16B | 9 | | TXXACO | 01 | TXXACA | 01 | 1 | TQ2 | A4 | | 05B | | |
| 00115 | | XA432 | 12 | | | | | | | | | +5V | 01 | | | | | | | | | | |
| 01472 | | XA432 | 13 | | | XA434 | 15 | | | 16B | 9 | | SPI010 | 05 | TXXACA | 01 | 2 | TQ2 | A4 | | 06B | | |
| 07989 | | XA432 | 14 | | | | | | | | | TXODRA | 02 | TXODRA | 00 | 1 | TQ2 | B2 | | | 09A | I/O RESET STORE | |
| 07706 | | XA432 | 15 | | | XA433 | 42 | | | 16B | 9 | | TXXACA | 01 | TXXACA | 00 | 1 | TQ2 | A4 | | 07B | | |
| 00753 | | XA432 | 16 | | | | | | | | | GND | 01 | | | | | | | | 01B | | |
| 06063 | | XA432 | 17 | | | XA430 | 41 | | | 16B | 9 | | TTAS10 | 02 | TTASLA | 01 | 1 | TQ2 | B3 | | 08B | | |
| 08008 | | XA432 | 18 | | | XA430 | 14 | | | 16B | 9 | | TXOFRS | 01 | TXODRA | 01 | 1 | TQ2 | B2 | | 10A | | |
| 07157 | | XA432 | 19 | | | XA432 | 43 | | | 16B | 9 | | TXDV1B | 12 | TTASLA | 01 | 2 | TQ2 | B3 | | 09B | | |
| 07800 | | XA432 | 20 | | | XA429 | 40 | | | 16B | 9 | | TXXB10 | 01 | TXODRA | 01 | 2 | TQ2 | B2 | | 11A | | |
| 06057 | | XA432 | 21 | | | XA429 | 77 | | | 16B | 9 | | TTASLA | 01 | TTASLA | 00 | 1 | TQ2 | B3 | | 10B | | |
| 07716 | | XA432 | 22 | | | | | | | | | TXXADA | 02 | TXXADA | 00 | 1 | TQ2 | B1 | | | 12A | I/O STATE COUNTER | |
| 01356 | | XA432 | 23 | | | XA416 | 74 | | | 16B | 9 | | TLPT3Q | 01 | TLPT5A | 01 | 1 | TQ2 | B4 | | 11B | | |
| 07718 | | XA432 | 24 | | | | | | | | | TXXADO | 02 | TXXADA | 01 | 1 | TQ2 | B1 | | | 13A | | |
| 01476 | | XA432 | 25 | | | XA522 | 50 | | | 16B | 9 | | TXCP30 | 05 | TLPT5A | 01 | 2 | TQ2 | B4 | | 12B | | |
| 01475 | | XA432 | 26 | | | XA432 | 31 | | | 16B | 9 | | SPI010 | 08 | TXXADA | 01 | 2 | TQ2 | B1 | | 14A | | |
| 03390 | | XA432 | 27 | | | | | | | | | TLPT5A | 12 | TLPT5A | 00 | 1 | TQ2 | B4 | | | 13B | | |
| 00116 | | XA432 | 28 | | | | | | | | | +5V | 01 | | | | | | | | | | |
| CONNECTOR XA432 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1327

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA432
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 313

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|----------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FG | PREFIX | CONNECTOR | PIN | SH FG | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 07653 | | XA432 | 29 | | | XA428 | 14 | | | 16B | 9 | | TXSK0A | 01 | TXSK00 | 01 | 1 | TQ2 | C3 | | 14B | | |
| 07884 | | XA432 | 30 | | | XA435 | 39 | | | 16B | 9 | | TXDDA | 01 | TXDDA | 00 | 1 | TQ2 | C2 | | 15A | | |
| 01477 | | XA432 | 31 | | | XA432 | 36 | | | 16B | 9 | | SPIO10 | 10 | TXSK00 | 01 | 2 | TQ2 | C3 | | 15B | A03 | |
| 00754 | | XA432 | 32 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 20B | | |
| 07657 | | XA432 | 33 | | | | | | | | | | TXSK00 | 03 | TXSK00 | 00 | 1 | TQ2 | C3 | | 16B | STATUS REG CLOCK | |
| 07894 | | XA432 | 34 | | | | | | | | | | TXDDA | 02 | TXDDA | 01 | 1 | TQ2 | C2 | | 16A | | |
| 01357 | | XA432 | 35 | | | | | | | | | | TSTP9A | 02 | TSTP90 | 01 | 1 | TQ2 | C4 | | 17B | A03 | |
| 01479 | | XA432 | 36 | | | XA432 | 42 | | | 16B | 9 | | SPIO10 | 12 | TXDDA | 01 | 2 | TQ2 | C2 | | 17A | | |
| 01478 | | XA432 | 37 | | | XA415 | 34 | | | 16B | 9 | | TC51BQ | 01 | TSTP90 | 01 | 2 | TQ2 | C4 | | 18B | C05 | |
| 07201 | | XA432 | 38 | | | | | | | | | | TXEA00 | 04 | TXEA00 | 00 | 1 | TQ2 | C1 | | 18A | | |
| 03391 | | XA432 | 39 | | | | | | | | | | TSTP90 | 02 | TSTP90 | 00 | 1 | TQ2 | C4 | | 19B | A03 | |
| 07194 | | XA432 | 40 | | | XA433 | 47 | | | 16B | 9 | | TXEA0A | 01 | TXEA00 | 01 | 1 | TQ2 | C1 | | 19A | | |
| 04304 | | XA432 | 41 | | | | | | | | | | TEB4S0 | 02 | TEB4SA | 01 | 1 | TQ2 | D3 | | 22B | | |
| 01480 | | XA432 | 42 | | | XA432 | 50 | | | 16B | 9 | | SPIO10 | 13 | TXEA00 | 01 | 2 | TQ2 | C1 | | 20A | | |
| 07158 | | XA432 | 43 | | | XA431 | 48 | | | 16B | 9 | | TXDV1B | 13 | TEB4SA | 01 | 2 | TQ2 | D3 | | 23B | | |
| 00755 | | XA432 | 44 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 21B | | |
| 04301 | | XA432 | 45 | | | XA435 | 63 | | | 16B | 9 | | TEB4SA | 01 | TEB4SA | 00 | 1 | TQ2 | D3 | | 24B | | |
| 07861 | | XA432 | 46 | | | XA506 | 43 | | | 16B | 9 | | TXXC50 | 03 | TXXC50 | 00 | 1 | TQ2 | D2 | | 21A | | |
| 07286 | | XA432 | 47 | | | XA430 | 20 | | | 16B | 9 | | TXH50A | 01 | TXST20 | 01 | 1 | TQ2 | D4 | | 25B | | |
| 07858 | | XA432 | 48 | | | | | | | | | | TXXC5A | 02 | TXXC50 | 01 | 1 | TQ2 | D2 | | 22A | | |
| 07661 | | XA432 | 49 | | | XA437 | 59 | | | 16B | 9 | | TXSS0A | 02 | TXST20 | 01 | 2 | TQ2 | D4 | | 26B | | |
| 01481 | | XA432 | 50 | | | XA432 | 55 | | | 16B | 9 | | SPIO10 | 14 | TXXC50 | 01 | 2 | TQ2 | D2 | | 23A | | |
| 07672 | | XA432 | 51 | | | XA439 | 71 | | | 16B | 9 | | TXST20 | 01 | TXST20 | 00 | 1 | TQ2 | D4 | | 27B | | |
| 07234 | | XA432 | 52 | | | XA433 | 43 | | | 16B | 9 | | TXENAS | 06 | TXENAS | 00 | 1 | TQ2 | D1 | | 24A | ENABLE STORE F/F | |
| 07478 | | XA432 | 53 | | | XA437 | 23 | | | 16B | 9 | | TXRS00 | 11 | TXRS1A | 01 | 1 | TQ2 | E3 | | 28B | | |
| 07228 | | XA432 | 54 | | | | | | | | | | TXENAR | 02 | TXENAS | 01 | 1 | TQ2 | D1 | | 25A | | |
| 01482 | | XA432 | 55 | | | XA432 | 61 | | | 16B | 9 | | SPIO10 | 15 | TXRS1A | 01 | 2 | TQ2 | E3 | | 29B | | |
| 07196 | | XA432 | 56 | | | XA436 | 70 | | | 16B | 9 | | TXEA0A | 03 | TXENAS | 01 | 2 | TQ2 | D1 | | 26A | | |
| 07390 | | XA432 | 57 | | | XA432 | 60 | | | 16B | 9 | | P TXRS1A | 16 | TXRS0B | 01 | 2 | TQ2 | E3 | | 30B | | |
| 07480 | | XA432 | 57 | | | | | | | | | J | TXRS1A | 01 | TXRS1A | 00 | 1 | TQ2 | E3 | | 30A | TXRS0B BUSS | |
| 00756 | | XA432 | 58 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 27A | | |
| 07477 | | XA432 | 59 | | | XA432 | 53 | | | 16B | 9 | | TXRS00 | 10 | TXRS2A | 01 | 1 | TQ2 | F4 | | 31B | | |
| 07374 | | XA432 | 60 | | | | | | | | | J | TXRS0A | 01 | TXRS0A | 00 | 1 | TQ2 | E2 | | 28A | TXRS0B BUSS | |
| 07391 | | XA432 | 60 | | | XA433 | 64 | | | 16B | 9 | | P TXRS0A | 17 | TXRS0B | 01 | 1 | TQ2 | E2 | | 28A | | |
| 01483 | | XA432 | 61 | | | XA432 | 64 | | | 16B | 9 | | SPIO10 | 16 | TXRS2A | 01 | 2 | TQ2 | E4 | | 32B | | |
| 07476 | | XA432 | 62 | | | XA432 | 59 | | | 16B | 9 | | TXRS00 | 09 | TXRS0A | 01 | 1 | TQ2 | E2 | | 29A | | |
| 07388 | | XA432 | 63 | | | XA431 | 56 | | | 16B | 9 | | P TXRS2A | 14 | TXRS0B | 01 | 3 | TQ2 | E4 | | 33B | | |
| 07485 | | XA432 | 63 | | | | | | | | | J | TXRS2A | 01 | TXRS2A | 00 | 1 | TQ2 | F4 | | 33B | TXRS0B BUSS | |
| 01484 | | XA432 | 64 | | | XA433 | 74 | | | 16B | 9 | | SPIO10 | 17 | TXRS0A | 01 | 2 | TQ2 | E2 | | 30A | | |
| 07475 | | XA432 | 65 | | | XA432 | 62 | | | 16B | 9 | | TXRS00 | 08 | TXRS5A | 01 | 1 | TQ2 | E3 | | 34B | | |
| 07036 | | XA432 | 66 | | | | | | | | | | TXCMAS | 03 | TXCMAS | 00 | 1 | TQ2 | E1 | | 31A | ADDRESS STORE F/F | |
| 00757 | | XA432 | 67 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 40A | | |
| 07032 | | XA432 | 68 | | | XA433 | 57 | | | 16B | 9 | | TXCMAR | 01 | TXCMAS | 01 | 1 | TQ2 | E1 | | 32A | | |
| 07483 | | XA432 | 69 | | | XA432 | 72 | | | 16B | 9 | | P TXRS5A | 03 | TXRS1B | 01 | 3 | TQ2 | F3 | | 35A | | |
| 07492 | | XA432 | 69 | | | | | | | | | J | TXRS5A | 01 | TXRS5A | 00 | 1 | TQ2 | F3 | | 35A | TXRS1B BUSS | |
| 07022 | | XA432 | 70 | | | | | | | | | | TXCA0A | 02 | TXCMAS | 01 | 2 | TQ2 | E1 | | 33A | | |
| 07474 | | XA432 | 71 | | | XA432 | 65 | | | 16B | 9 | | TXRS00 | 07 | TXRS4A | 01 | 1 | TQ2 | F2 | | 36A | | |
| 07484 | | XA432 | 72 | | | XA425 | 15 | | | 16B | 9 | | P TXRS4A | 04 | TXRS1B | 01 | 2 | TQ2 | F2 | | 34A | | |
| 07491 | | XA432 | 72 | | | | | | | | | J | TXRS4A | 01 | TXRS4A | 00 | 1 | TQ2 | F2 | | 34A | TXRS1B BUSS | |
| 01489 | | XA432 | 73 | | | XA428 | 73 | | | 16B | 9 | | SPIO10 | 22 | TXRS4A | 01 | 2 | TQ2 | F2 | | 36B | | |
| CONNECTOR XA432 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1328

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA432
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 314

| RECORD NUMBER | FROM | | | TO | | | MULTI GROUP | WIRE CODE | WIRE COLOR | IDENT | SPEC. INSTRUCTIONS | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------------|-----------|------------|-------|--------------------|---------|--------|----------|------|--------|------------------|-------|---------------------|-------------|-------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | | | | | | | | | | | | | | SAFE | NO | | |
| 01488 | | XA432 | 74 | | XA432 | 73 | | 16B | 9 | | | SPIO10 | 21 | TXRS5A | 01 | 2 | TQ2 | F3 | | 35B | | | |
| 07482 | | XA432 | 75 | | XA432 | 69 | | 16B | 9 | | P | TXRS3A | 02 | TXRS1B | 01 | 1 | TQ2 | F1 | | 37B | | | |
| 07490 | | XA432 | 75 | | | | | | | | J | TXRS3A | 01 | TXRS3A | 00 | 1 | TQ2 | F1 | | 37B | TXRS1B | BUSS | |
| 07472 | | XA432 | 76 | | XA432 | 77 | | 16B | 9 | | | TXRS00 | 05 | TXRS6A | 01 | 1 | TQ2 | F4 | | 37A | | | |
| 07473 | | XA432 | 77 | | XA432 | 71 | | 16B | 9 | | | TXRS00 | 06 | TXRS3A | 01 | 1 | TQ2 | F1 | | 38B | | | |
| 01487 | | XA432 | 78 | | XA432 | 74 | | 16B | 9 | | | SPIO10 | 20 | TXRS6A | 01 | 2 | TQ2 | F4 | | 38A | | | |
| 01486 | | XA432 | 79 | | XA432 | 78 | | 16B | 9 | | | SPIO10 | 19 | TXRS3A | 01 | 2 | TQ2 | F1 | | 39B | | | |
| 07481 | | XA432 | 80 | | XA432 | 75 | | 16B | 9 | | P | TXRS6A | 01 | TXRS1B | 01 | 4 | TQ2 | F4 | | 39A | | | |
| 07493 | | XA432 | 80 | | | | | | | | J | TXRS6A | 01 | TXRS6A | 00 | 1 | TQ2 | F4 | | 39A | TXRS1B | BUSS | |
| 06985 | | XA433 | 01 | | XA433 | 14 | | 16B | 9 | | | TXBSLOX | 02 | TXBOEA | 01 | 1 | TD4 | A2 | | 02B | | | |
| 00758 | | XA433 | 02 | | | | | | | | | GND | 01 | | | | TD4 | | | 01A | | | |
| 00314 | | XA433 | 03 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | | |
| 07294 | | XA433 | 04 | | | | | | | | | TXINHR | 07 | TXBOEA | 01 | 2 | TD4 | A2 | | 04A | | | |
| 00261 | | XA433 | 05 | | | | | | | | | DEVINH | 20 | TXBOEA | 01 | 3 | TD4 | A2 | | 03B | | | |
| 06877 | | XA433 | 06 | | XA433 | 22 | | 16B | 9 | | | TXASLOX | 02 | TXAOEA | 01 | 1 | TD4 | A1 | | 05A | | | |
| 07859 | | XA433 | 07 | | XA433 | 13 | | 16B | 9 | | | TXXC50 | 01 | TXBOEA | 01 | 4 | TD4 | A2 | | 03A | | | |
| 07293 | | XA433 | 08 | | XA433 | 04 | | 16B | 9 | | | TXINHR | 06 | TXAOEA | 01 | 2 | TD4 | A1 | | 06A | | | |
| 06996 | | XA433 | 09 | | XA445 | 06 | | 16B | 9 | | | TXBOEA | 01 | TXBOEA | 00 | 1 | TD4 | A2 | | 04B | PORT B OUTPUT ENA | | |
| 00260 | | XA433 | 10 | | XA433 | 05 | | 16B | 9 | | | DEVINH | 19 | TXAOEA | 01 | 3 | TD4 | A1 | | 07A | | | |
| 06892 | | XA433 | 11 | | XA446 | 06 | | 16B | 9 | | | TXAOEA | 01 | TXAOEA | 00 | 1 | TD4 | A1 | | 05B | PORT A OUTPUT ENA | | |
| 00117 | | XA433 | 12 | | | | | | | | | +5V | 01 | | | | TD4 | | | | | | |
| 07860 | | XA433 | 13 | | XA432 | 46 | | 16B | 9 | | | TXXC50 | 02 | TXAOEA | 01 | 4 | TD4 | A1 | | 06B | | | |
| 06986 | | XA433 | 14 | | XA440 | 71 | | 16B | 9 | | | TXBSLOX | 03 | TXBRQA | 01 | 1 | TD4 | B2 | | 09A | | | |
| 00315 | | XA433 | 15 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | | |
| 00759 | | XA433 | 16 | | | | | | | | | GND | 01 | | | | TD4 | | | 20B | | | |
| 00316 | | XA433 | 17 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | | |
| 07292 | | XA433 | 18 | | XA433 | 08 | | 16B | 9 | | | TXINHR | 05 | TXBRQA | 01 | 2 | TD4 | B2 | | 10A | | | |
| 00259 | | XA433 | 19 | | XA433 | 10 | | 16B | 9 | | | DEVINH | 18 | TXBRQA | 01 | 3 | TD4 | B2 | | 09B | | | |
| 07972 | | XA433 | 20 | | | | | | | | | | | | | | | | | | | | |
| 06972 | | XA433 | 21 | | XA440 | 76 | | 16B | 9 | | | TXXRQA | 04 | TXBRQA | 01 | 4 | TD4 | B2 | | 11A | | | |
| 06878 | | XA433 | 22 | | XA440 | 77 | | 16B | 9 | | | TXBRQA | 01 | TXBRQA | 00 | 1 | TD4 | B2 | | 10B | | | |
| 06864 | | XA433 | 23 | | XA440 | 65 | | 16B | 9 | | | TXASLOX | 03 | TXARQA | 01 | 1 | TD4 | B1 | | 12A | | | |
| 07291 | | XA433 | 24 | | XA433 | 18 | | 16B | 9 | | | TXARQA | 01 | TXARQA | 00 | 1 | TD4 | B1 | | 11B | | | |
| 00258 | | XA433 | 25 | | XA433 | 19 | | 16B | 9 | | | TXINHR | 04 | TXARQA | 01 | 2 | TD4 | B1 | | 13A | | | |
| 07971 | | XA433 | 26 | | XA433 | 20 | | 16B | 9 | | | DEVINH | 17 | TXARQA | 01 | 3 | TD4 | B1 | | 12B | | | |
| 00317 | | XA433 | 27 | | | | | | | | | TXXRQA | 03 | TXARQA | 01 | 4 | TD4 | B1 | | 14A | | | |
| 00118 | | XA433 | 28 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | | |
| 00318 | | XA433 | 29 | | | | | | | | | +5V | 01 | | | | TD4 | | | | | | |
| 07784 | | XA433 | 30 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | | |
| 07784 | | XA433 | 30 | | | | | | | | | TXXBOP | 04 | TXX05A | 01 | 1 | TD4 | C2 | | 15A | | | |
| 07808 | | XA433 | 31 | | XA436 | 24 | | 16B | 9 | | | TXXB2P | 02 | TXX05A | 01 | 2 | TD4 | C2 | | 15B | | | |
| 00760 | | XA433 | 32 | | | | | | | | | GND | 01 | | | | TD4 | | | 21B | | | |
| 07981 | | XA433 | 33 | | XA439 | 29 | | 16B | 9 | | | TXX05A | 01 | TXX05A | 00 | 1 | TD4 | C2 | | 16B | | | |
| 07722 | | XA433 | 34 | | XA434 | 11 | | 16B | 9 | | | TXXAOP | 04 | TXX05A | 01 | 3 | TD4 | C2 | | 16A | | | |
| 07717 | | XA433 | 35 | | XA432 | 24 | | 16B | 9 | | | TXXADO | 01 | TXXADO | 00 | 1 | TD4 | C1 | | 17B | | | |
| 07733 | | XA433 | 36 | | XA435 | 13 | | 16B | 9 | | | TXXA1Q | 04 | TXX05A | 01 | 4 | TD4 | C2 | | 17A | | | |
| 07339 | | XA433 | 37 | | XA431 | 22 | | 16B | 9 | | | TXRCMR | 03 | TXXADO | 01 | 1 | TD4 | C1 | | 18B | | | |
| 07347 | | XA433 | 38 | | XA431 | 24 | | 16B | 9 | | | TXRENR | 03 | TXXADO | 01 | 2 | TD4 | C1 | | 18A | | | |
| 00319 | | XA433 | 39 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | | |
| CONNECTOR XA433 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1329

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA433
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 315

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|-------|--------|--------|----------|-------------|------------------|-------|---------------------|--------------------|--------------------|----------------------|
| | PREFIX | CONNECTOR | PIN | SH FCG | PREFIX | CONNECTOR | PIN | SH FCG | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | |
| 07354 | | XA433 | 40 | | | | | | | | | | TXRPCR | 03 | TXXADO | 01 | 3 | TD4 | C1 | | 19A | |
| 00320 | | XA433 | 41 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | |
| 07707 | | XA433 | 42 | | | | | | | | | | TXXACA | 02 | TXXADO | 01 | 4 | TD4 | C1 | | 20A | |
| 07235 | | XA433 | 43 | | | | | | | | | | TXENAS | 07 | TXENAR | 01 | 1 | TD4 | D2 | | 23B | |
| 00761 | | XA433 | 44 | | | | | | | | | | GND | 01 | | | | TD4 | | | 27A | |
| 07227 | | XA433 | 45 | | XA432 | 54 | | | 16B | 9 | | | TXENAR | 01 | TXENAR | 00 | 1 | TD4 | D2 | | 24B | |
| 07833 | | XA433 | 46 | | XA439 | 38 | | | 16B | 9 | | | TXXB5A | 01 | TXENAR | 01 | 2 | TD4 | D2 | | 21A | |
| 07195 | | XA433 | 47 | | XA432 | 56 | | | 16B | 9 | | | TXEA0A | 02 | TXEA0A | 00 | 1 | TD4 | D1 | | 25B | |
| 07979 | | XA433 | 48 | | XA433 | 62 | | | 16B | 9 | | | TXXO4A | 02 | TXENAR | 01 | 3 | TD4 | D2 | | 22A | |
| 06828 | | XA433 | 49 | | | | | | | | | | TXADRO | 03 | TXEA0A | 01 | 1 | TD4 | D1 | | 26B | |
| 07393 | | XA433 | 50 | | XA434 | 22 | | | 16B | 9 | | | TXRSOB | 19 | TXENAR | 01 | 4 | TD4 | D2 | | 23A | |
| 00321 | | XA433 | 51 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | |
| 07349 | | XA433 | 52 | | XA440 | 29 | | | 16B | 9 | | | TXRENS | 01 | TXEA0A | 01 | 2 | TD4 | D1 | | 24A | |
| 00322 | | XA433 | 53 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | |
| 07984 | | XA433 | 54 | | XA433 | 68 | | | 16B | 9 | | | TXXO50 | 02 | TXEA0A | 01 | 3 | TD4 | D1 | | 25A | |
| 07035 | | XA433 | 55 | | XA432 | 66 | | | 16B | 9 | | | TXCMAS | 02 | TXCMAR | 01 | 1 | TD4 | E2 | | 29B | |
| 07518 | | XA433 | 56 | | XA432 | 01 | | | 16B | 9 | | | TXROPA | 04 | TXEA0A | 01 | 4 | TD4 | D1 | | 26A | |
| 07033 | | XA433 | 57 | | | | | | | | | | TXCMAR | 02 | TXCMAR | 00 | 1 | TD4 | E2 | | 30B | |
| 00762 | | XA433 | 58 | | | | | | | | | | GND | 01 | | | | TD4 | | | 40A | |
| 07021 | | XA433 | 59 | | XA432 | 70 | | | 16B | 9 | | | TXCA0A | 01 | TXCA0A | 00 | 1 | TD4 | E1 | | 31B | |
| 07804 | | XA433 | 60 | | XA440 | 68 | | | 16B | 9 | | | TXXB2A | 01 | TXCMAR | 01 | 2 | TD4 | E2 | | 28A | |
| 06827 | | XA433 | 61 | | XA433 | 49 | | | 16B | 9 | | | TXADRO | 02 | TXCA0A | 01 | 1 | TD4 | E1 | | 32B | |
| 07980 | | XA433 | 62 | | | | | | | | | | TXXO4A | 03 | TXCMAR | 01 | 3 | TD4 | E2 | | 29A | |
| 00323 | | XA433 | 63 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | |
| 07392 | | XA433 | 64 | | XA433 | 50 | | | 16B | 9 | | | TXRSOB | 18 | TXCMAR | 01 | 4 | TD4 | E2 | | 30A | |
| 00324 | | XA433 | 65 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | |
| 07342 | | XA433 | 66 | | XA440 | 34 | | | 16B | 9 | | | TXRCMS | 02 | TXCA0A | 01 | 2 | TD4 | E1 | | 31A | |
| 00763 | | XA433 | 67 | | | | | | | | | | GND | 01 | | | | TD4 | | | 40B | |
| 07985 | | XA433 | 68 | | | | | | | | | | TXXO50 | 03 | TXCA0A | 01 | 3 | TD4 | E1 | | 32A | |
| 03392 | | XA433 | 69 | | XA520 | 03 | | | 16B | 9 | | | T033MA | 01 | T033MA | 00 | 1 | TD4 | E2 | | 35A | MAIN COUNT 62MS C03 |
| 07517 | | XA433 | 70 | | XA433 | 56 | | | 16B | 9 | | | TXROPA | 03 | TXCA0A | 01 | 4 | TD4 | E1 | | 33A | |
| 01280 | | XA433 | 71 | | | | | | | | | | TC428P | 04 | T033MA | 01 | 1 | TD4 | E2 | | 36A | C03 |
| 01431 | | XA433 | 72 | | XA519 | 08 | | | 16B | 9 | | | TC328P | 005 | T033MA | 01 | 2 | TD4 | F2 | | 34A | C03 |
| 01370 | | XA433 | 73 | | | | | | | | | | TC338Q | 04 | T033MA | 01 | 3 | TD4 | F2 | | 36B | C03 |
| 01485 | | XA433 | 74 | | XA432 | 79 | | | 16B | 9 | | | SPI010 | 18 | T033MA | 01 | 4 | TD4 | F2 | | 35B | C03 |
| 05850 | | XA433 | 75 | | | | | | | | | | TSNC2S | 07 | TSTP4A | 01 | 1 | TD4 | F1 | | 37B | |
| 05948 | | XA433 | 76 | | XA410 | 70 | | | 16B | 9 | | | TSTP4A | 01 | TSTP4A | 00 | 1 | TD4 | F1 | | 37A | |
| 03501 | | XA433 | 77 | | | | | | | | | | TBUSYS | 07 | TSTP4A | 01 | 2 | TD4 | F1 | | 38B | |
| 04147 | | XA433 | 78 | | | | | | | | | | TDSC0A | 03 | TSTP4A | 01 | 3 | TD4 | F1 | | 38A | |
| 05720 | | XA433 | 79 | | XA524 | 78 | | | 16B | 9 | | | TSCL3B | 03 | TSTP4A | 01 | 4 | TD4 | F1 | | 39B | |
| 00325 | | XA433 | 80 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | |
| 08076 | | XA434 | 01 | | XA435 | 01 | | | 16B | 9 | | | T16MHO | 01 | TXXA2N | 01 | 1 | TDD | BN | | 02B | |
| 00764 | | XA434 | 02 | | | | | | | | | | GND | 01 | | | | TDD | | | 01B | |
| 01361 | | XA434 | 03 | | XA434 | 17 | | | 16B | 9 | | | SPI006 | 07 | TXXA2Q | 01 | 1 | TDD | BQ | | 02A | |
| 07709 | | XA434 | 04 | | XA435 | 04 | | | 16B | 9 | | | TXXACP | 02 | TXXA2P | 01 | 1 | TDD | BP | | 04A | |
| 07735 | | XA434 | 05 | | XA439 | 05 | | | 16B | 9 | | | TXXAIQ | 06 | TXXA2I | 01 | 1 | TDD | BT | | 03B | |
| 07708 | | XA434 | 06 | | XA434 | 04 | | | 16B | 9 | | | TXXACP | 01 | TXXAOP | 01 | 1 | TDD | AP | | 05A | |
| 07739 | | XA434 | 07 | | | | | | | | | | TXXA2Q | 03 | TXXA2Q | 00 | 1 | TDD | BQ | | 03A | I/O STATE COUNTERA03 |
| CONNECTOR XA434 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1330

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA434
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 316

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | FCO NO |
|---|--------|-----------|-----|------|--------|-----------|-----|------|-------------|------|-------|--------|--------|----------|-------------|------------------|-------|---------------------|--------------------|--------------------|------------------------|
| | PREFIX | CONNECTOR | PIN | SMFC | PREFIX | CONNECTOR | PIN | SMFC | MULTI GROUP | CODE | COLOR | | | | | | | | | | |
| 07741 | XA434 | 08 | | | XA435 | 09 | | | 16B | 9 | | | TXXA3P | 01 | TXXA0I | 01 | 1 | TDD | AI | 06A | |
| 08423 | XA434 | 09 | | | | | | | | | | | TXXA2P | 01 | TXXA2P | 00 | 1 | TDD | BP | 04B | |
| 08078 | XA434 | 10 | | | XA435 | 10 | | | 16B | 9 | | | T16MH0 | 03 | TXXA0N | 01 | 1 | TDD | AN | 07A | |
| 07723 | XA434 | 11 | | | XA439 | 04 | | | 16B | 9 | | | TXXA0P | 05 | TXXA0P | 00 | 1 | TDD | AP | 05B | |
| 00119 | XA434 | 12 | | | | | | | | | | | +5V | 01 | | | | TDD | | | |
| 07725 | XA434 | 13 | | | XA435 | 08 | | | 16B | 9 | | | TXXA0Q | 01 | TXXA0Q | 00 | 1 | TDD | AQ | 06B | I/O STATE COUNTER |
| 08086 | XA434 | 14 | | | XA435 | 14 | | | 16B | 9 | | | T16M10 | 04 | TXXC2N | 01 | 1 | TDD | DN | 09A | |
| 01473 | XA434 | 15 | | | XA434 | 29 | | | 16B | 9 | | | SPT010 | 06 | TXXA0Q | 01 | 1 | TDD | AQ | 07B | |
| 00765 | XA434 | 16 | | | | | | | | | | | GND | 01 | | | | TDD | | 20B | |
| 01362 | XA434 | 17 | | | XA435 | 17 | | | 16B | 9 | | | SPI006 | 08 | TXXC2Q | 01 | 1 | TDD | DQ | 08B | |
| 07867 | XA434 | 18 | | | | | | | | | | | TXXC1Q | 02 | TXXC2I | 01 | 1 | TDD | DI | 10A | |
| 07869 | XA434 | 19 | | | XA428 | 18 | | | 16B | 9 | | | TXXC2Q | 02 | TXXC2Q | 00 | 1 | TDD | DQ | 09B | INPUT STROBE COUNT |
| 07852 | XA434 | 20 | | | XA434 | 36 | | | 16B | 9 | | | TXXCR0 | 04 | TXXC2P | 01 | 1 | TDD | DP | 11A | |
| 08426 | XA434 | 21 | | | | | | | | | | | TXXC2P | 01 | TXXC2P | 00 | 1 | TDD | DP | 10B | |
| 07853 | XA434 | 22 | | | XA434 | 50 | | | 16B | 9 | | | TXR50B | 19F | TXXDIP | 01 | 1 | TDD | CP | 12A | |
| 08424 | XA434 | 23 | | | | | | | | | | | TXXDIP | 07 | TXXDIP | 00 | 1 | TDD | CP | 11B | |
| 07879 | XA434 | 24 | | | XA434 | 71 | | | 16B | 9 | | | TXGN4A | 045 | TXXDII | 01 | 1 | TDD | CI | 13A | |
| 07864 | XA434 | 25 | | | XA428 | 62 | | | 16B | 9 | | | TXXD1Q | 01 | TXXD1Q | 00 | 1 | TDD | CO | 12B | INPUT STROBE COUNT |
| 08085 | XA434 | 26 | | | XA434 | 40 | | | 16B | 9 | | | TXXD1P | 015 | TXXDIN | 01 | 1 | TDD | CN | 14A | |
| 01474 | XA434 | 27 | | | XA436 | 03 | | | 16B | 9 | | | TXXDIA | 02 | TXXD1Q | 01 | 1 | TDD | CQ | 13B | A03 |
| 00120 | XA434 | 28 | | | | | | | | | | | +5V | 01 | | | | TDD | | | |
| 01463 | XA434 | 29 | | | XA432 | 26 | | | 16B | 9 | | | SPI010 | 07 | TXXC0Q | 01 | 1 | TDD | FQ | 14B | |
| 01279 | XA434 | 30 | | | XA434 | 14 | | | 16B | 9 | | | T16M10 | 03 | TXXCON | 01 | 1 | TDD | FN | 15A | |
| 03393 | XA434 | 31 | | | XA435 | 24 | | | 16B | 9 | | | TXXC0Q | 01 | TXXC0Q | 00 | 1 | TDD | FQ | 15B | |
| 00766 | XA434 | 32 | | | | | | | | | | | GND | 01 | | | | TDD | | 21B | |
| 03394 | XA434 | 33 | | | | | | | | | | | TXXC0P | 01 | TXXC0P | 00 | 1 | TDD | EP | 16B | |
| 01359 | XA434 | 34 | | | XA435 | 72 | | | 16B | 9 | | | TXXC4P | 02 | TXXC0I | 01 | 1 | TDD | FI | 16A | |
| 07931 | XA434 | 35 | | | XA430 | 68 | | | 16B | 9 | | | TXXDGP | 01 | TXXDGP | 00 | 1 | TDD | EP | 17B | |
| 01427 | XA434 | 36 | | | XA434 | 38 | | | 16B | 9 | | | TXXCR0 | 05 | TXXCOP | 01 | 1 | TDD | FP | 17A | |
| 07934 | XA434 | 37 | | | | | | | | | | | TXXD0Q | 11 | TXXD0Q | 00 | 1 | TDD | EQ | 18B | INPUT BYTE COUNTER A03 |
| 07854 | XA434 | 38 | | | XA429 | 69 | | | 16B | 9 | | | TXXCR0 | 06 | TXXDOP | 01 | 1 | TDD | EP | 18A | |
| 01537 | XA434 | 39 | | | XA436 | 53 | | | 16B | 9 | | | SPI011 | 35 | TXXD0Q | 01 | 1 | TDD | EQ | 19B | |
| 07944 | XA434 | 40 | | | XA435 | 42 | | | 16B | 9 | | | TXXD1P | 02 | TXXD0I | 01 | 1 | TDD | EI | 19A | |
| 01358 | XA434 | 41 | | | XA435 | 03 | | | 16B | 9 | | | SPI006 | 04 | TXIR1Q | 01 | 1 | TDD | HQ | 22B | |
| 07874 | XA434 | 42 | | | XA428 | 20 | | | 16B | 9 | | | TXXC3P | 03 | TXXDON | 01 | 1 | TDD | EN | 20A | |
| 07310 | XA434 | 43 | | | | | | | | | | | TXIR1Q | 02 | TXIR1Q | 00 | 1 | TDD | HQ | 23B | ITR SYNC COUNTER |
| 00767 | XA434 | 44 | | | | | | | | | | | GND | 01 | | | | TDD | | 27A | |
| 08413 | XA434 | 45 | | | | | | | | | | | TXIR1P | 01 | TXIR1P | 00 | 1 | TDD | HP | 24B | |
| 07047 | XA434 | 46 | | | XA435 | 56 | | | 16B | 9 | | | TXCP10 | 01 | TXIR1N | 01 | 1 | TDD | HN | 21A | |
| 07807 | XA434 | 47 | | | XA433 | 31 | | | 16B | 9 | | | TXXB2P | 01 | TXXB2P | 00 | 1 | TDD | GP | 25B | |
| 07304 | XA434 | 48 | | | XA436 | 19 | | | 16B | 9 | | | TXIROQ | 01 | TXIR1I | 01 | 1 | TDD | HI | 22A | |
| 07814 | XA434 | 49 | | | | | | | | | | | TXXB2Q | 03 | TXXB2Q | 00 | 1 | TDD | GQ | 26B | I/O BYTE COUNTER |
| 07394 | XA434 | 50 | | | XA435 | 52 | | | 16B | 9 | | | TXR50B | 20 | TXIR1P | 01 | 1 | TDD | HP | 23A | |
| 01536 | XA434 | 51 | | | XA434 | 39 | | | 16B | 9 | | | SPI011 | 34 | TXXB2Q | 01 | 1 | TDD | GQ | 27B | |
| 07766 | XA434 | 52 | | | XA435 | 36 | | | 16B | 9 | | | TXXB3A | 01 | TXXB2P | 01 | 1 | TDD | GP | 24A | |
| 04317 | XA434 | 53 | | | XA426 | 72 | | | 16B | 9 | | | TEB55A | 01 | TEB5BQ | 01 | 1 | TDD | KQ | 28B | |
| 07796 | XA434 | 54 | | | XA435 | 31 | | | 16B | 9 | | | TXXB1Q | 01 | TXXB2I | 01 | 1 | TDD | KI | 25A | |
| 04311 | XA434 | 55 | | | XA435 | 70 | | | 16B | 9 | | | TEB5BQ | 02 | TEB5BQ | 00 | 1 | TDD | KQ | 29B | EOB COUNTER BIT 5 |
| 07774 | XA434 | 56 | | | XA406 | 63 | | | 16B | 9 | | | TXXBKO | 03 | TXXB2N | 01 | 1 | TDD | GN | 26A | |
| 04309 | XA434 | 57 | | | | | | | | | | | TEB5BP | 03 | TEB5BP | 00 | 1 | TDD | KP | 30B | |
| CONNECTOR XA434 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

H78-14 1331

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA434
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 317

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|----|--------|-----------|-----|----|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|-----------------------|--------|
| | PREFIX | CONNECTOR | PIN | OR | PREFIX | CONNECTOR | PIN | OR | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 00768 | | XA434 | 58 | | | | | | | | | | GND | 01 | | | TDD | | | | 40A | | |
| 04261 | | XA434 | 59 | | | | | | | | | | TEB2BP | 02 | TEB2BP | 00 | 1 | TDD | JP | | 31B | | |
| 04314 | | XA434 | 60 | | | | | | | | | | TEB5KA | 02 | TEB5BN | 01 | 1 | TDD | KN | | 28A | | |
| 04263 | | XA434 | 61 | | XA540 | 14 | | | 16B | 9 | | | TEB2BQ | 02 | TEB2BQ | 00 | 1 | TDD | JO | | 32B | | |
| 04321 | | XA434 | 62 | | XA428 | 45 | | | 16B | 9 | | | TEB590 | 01 | TEB5B I | 01 | 1 | TDD | KI | | 29A | | |
| 04272 | | XA434 | 63 | | | | | | | | | | TEB2SA | 02 | TEB2BQ | 01 | 1 | TDD | JO | | 33B | | |
| 04298 | | XA434 | 64 | | | | | | | | | | TEB4RA | 03 | TEB5BP | 01 | 1 | TDD | KP | | 30A | | |
| 07308 | | XA434 | 65 | | | | | | | | | | TXR1A | 03 | TXXDSP | 01 | 1 | TDD | MQ | | 34B | | |
| 04268 | | XA434 | 66 | | | | | | | | | | TEB2RA | 02 | TEB2BP | 01 | 1 | TDD | JP | | 31A | | |
| 00769 | | XA434 | 67 | | | | | | | | | | GND | 01 | | | TDD | | | | 40B | | |
| 04274 | | XA434 | 68 | | | | | | | | | | TEB29ER | 02 | TEB2B I | 01 | 1 | TDD | JI | | 32A | | |
| 07918 | | XA434 | 69 | | XA429 | 74 | | | 16B | 9 | | | TXXDSP | 01 | TXXDSP | 00 | 1 | TDD | MP | | 35A | | |
| 04278 | | XA434 | 70 | | XA436 | 43 | | | 16B | 9 | | | TEB3BQ | 02 | TEB2BN | 01 | 1 | TDD | JN | | 33A | | |
| 07255 | | XA434 | 71 | | XA435 | 71 | | | 16B | 9 | | | TXGN4A | 05 | TXXDSP | 01 | 1 | TDD | MT | | 36A | | |
| 07943 | | XA434 | 72 | | XA434 | 26 | | | 16B | 9 | | | TXXD1P | 01 | TXXDSP | 01 | 1 | TDD | MN | | 34A | | |
| 07384 | | XA434 | 73 | | XA431 | 78 | | | 16B | 9 | | | TXRS0B | 10 | TXXDSP | 01 | 1 | TDD | MP | | 36B | | |
| 07930 | | XA434 | 74 | | | | | | | | | | TXXDSP | 10 | TXXDSP | 00 | 1 | TDD | MQ | | 35B | INPUT STATUS CONT | |
| 07959 | | XA434 | 75 | | XA435 | 64 | | | 16B | 9 | | | TXXRCP | 01 | TXXR2P | 01 | 1 | TDD | LP | | 37B | | |
| 07976 | | XA434 | 76 | | XA539 | 10 | | | 16B | 9 | | | TXXR2P | 02 | TXXR2P | 00 | 1 | TDD | LP | | 37A | | |
| 07973 | | XA434 | 77 | | XA436 | 55 | | | 16B | 9 | | | TXXR1Q | 01 | TXXR2I | 01 | 1 | TDD | LI | | 38B | | |
| 08430 | | XA434 | 78 | | | | | | | | M | | TXXR2Q | 01 | TXXR2Q | 00 | 1 | TDD | LQ | | 38A | REQUEST STROBE CO | |
| 08082 | | XA434 | 79 | | | | | | | | | | T16MH0 | 07 | TXXR2N | 01 | 1 | TDD | LN | | 39B | | |
| 01533 | | XA434 | 80 | | XA435 | 53 | | | 16B | 9 | | | SPIO11 | 31 | TXXR2Q | 01 | 1 | TDD | LQ | | 39A | | |
| 08077 | | XA435 | 01 | | XA434 | 10 | | | 16B | 9 | | | T16MH0 | 02 | TXXA3N | 01 | 1 | TDD | BN | | 02B | | |
| 00770 | | XA435 | 02 | | | | | | | | | | GND | 01 | | | TDD | | | | 01B | | |
| 01360 | | XA435 | 03 | | XA434 | 03 | | | 16B | 9 | | | SPIO06 | 06 | TXXA3Q | 01 | 1 | TDD | BQ | | 02A | | |
| 07710 | | XA435 | 04 | | XA435 | 06 | | | 16B | 9 | | | TXXACP | 03 | TXXA3P | 01 | 1 | TDD | BP | | 04A | | |
| 07738 | | XA435 | 05 | | XA434 | 07 | | | 16B | 9 | | | TXXA2Q | 02 | TXXA3I | 01 | 1 | TDD | BT | | 03B | | |
| 07711 | | XA435 | 06 | | XA436 | 69 | | | 16B | 9 | | | TXXACP | 04 | TXXA1P | 01 | 1 | TDD | AP | | 05A | | |
| 07745 | | XA435 | 07 | | XA406 | 59 | | | 16B | 9 | | | TXXA3Q | 02 | TXXA3Q | 00 | 1 | TDD | RQ | | 03A | I/O STATE COUNTER A03 | |
| 07726 | | XA435 | 08 | | XA439 | 08 | | | 16B | 9 | | | TXXA0Q | 02 | TXXA1I | 01 | 1 | TDD | AI | | 06A | | |
| 07742 | | XA435 | 09 | | XA436 | 72 | | | 16B | 9 | | | TXXA3P | 02 | TXXA3P | 00 | 1 | TDD | BP | | 04B | | |
| 08079 | | XA435 | 10 | | XA435 | 60 | | | 16B | 9 | | | T16MH0 | 04 | TXXA1N | 01 | 1 | TDD | AN | | 07A | | |
| 07729 | | XA435 | 11 | | | | | | | | | | TXXA1P | 02 | TXXA1P | 00 | 1 | TDD | AP | | 05B | | |
| 00121 | | XA435 | 12 | | | | | | | | | | +5V | 01 | | | TDD | | | | 20B | | |
| 07734 | | XA435 | 13 | | XA434 | 05 | | | 16B | 9 | | | TXXA1Q | 05 | TXXA1Q | 00 | 1 | TDD | AQ | | 06B | I/O STATE COUNTER | |
| 08087 | | XA435 | 14 | | XA420 | 54 | | | 16B | 9 | | | T16MH0 | 05 | TXXC3N | 01 | 1 | TDD | DN | | 09A | | |
| 01504 | | XA435 | 15 | | XA435 | 27 | | | 16B | 9 | | | SPIO11 | 02 | TXXA1Q | 01 | 1 | TDD | AQ | | 07B | | |
| 00771 | | XA435 | 16 | | | | | | | | | | GND | 01 | | | TDD | | | | 20B | | |
| 01363 | | XA435 | 17 | | XA437 | 25 | | | 16B | 9 | | | SPIO06 | 09 | TXXC3Q | 01 | 1 | TDD | DQ | | 08B | | |
| 07868 | | XA435 | 18 | | XA434 | 19 | | | 16B | 9 | | | TXXC2Q | 01 | TXXC3I | 01 | 1 | TDD | DI | | 10A | | |
| 07877 | | XA435 | 19 | | | | | | | | | | TXXC3Q | 02 | TXXC3Q | 00 | 1 | TDD | DQ | | 09B | INPUT STROBE COUN | |
| 07851 | | XA435 | 20 | | XA434 | 20 | | | 16B | 9 | | | TXXCRO | 03 | TXXC3P | 01 | 1 | TDD | DP | | 11A | | |
| 07873 | | XA435 | 21 | | XA434 | 42 | | | 16B | 9 | | | TXXC3P | 02 | TXXC3P | 00 | 1 | TDD | DP | | 10B | | |
| 07850 | | XA435 | 22 | | XA435 | 20 | | | 16B | 9 | | | TXXCRO | 02 | TXXC1P | 01 | 1 | TDD | CP | | 12A | | |
| 08425 | | XA435 | 23 | | | | | | | | M | | TXXC1P | 01 | TXXC1P | 00 | 1 | TDD | CP | | 11B | | |
| 07865 | | XA435 | 24 | | | | | | | | | | TXXC0Q | 02 | TXXC1I | 01 | 1 | TDD | CI | | 13A | | |
| 07866 | | XA435 | 25 | | XA434 | 18 | | | 16B | 9 | | | TXXC1Q | 01 | TXXC1Q | 00 | 1 | TDD | CQ | | 12B | INPUT STROBE COUN | |
| CONNECTOR XA435 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1332

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA435
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 318

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GRP | LOAD OR POWER PLANE | TEST POINTS | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|-----|-------|--------|-----------|-----|-------|------------|------|-------|--------|---------|----------|--------|------|------------------|-----|---------------------|-------------|--------------------|-------------------|
| | PREFIX | CONNECTOR | PIN | IN FC | PREFIX | CONNECTOR | PIN | IN FC | MULT GROUP | CODE | COLOR | | | | | | | | | | | |
| 08084 | | XA435 | 26 | | | XA434 | 30 | | | 16B | 9 | | T16MIO | 02 | TXXCIN | 01 | 1 | TDD | CN | 14A | | |
| 01505 | | XA435 | 27 | | | XA435 | 29 | | | 16B | 9 | | SPIO11 | 03 | TXXCIQ | 01 | 1 | TDD | CQ | 13B | | |
| 00122 | | XA435 | 28 | | | | | | | | | | +5V | 01 | | | | TDD | | | | |
| 01506 | | XA435 | 29 | | | XA436 | 29 | | | 16B | 9 | | SPIO11 | 04 | TXXB1Q | 01 | 1 | TDD | FQ | 14B | | |
| 07773 | | XA435 | 30 | | | XA434 | 56 | | | 16B | 9 | | TXXBK0 | 02 | TXXB1N | 01 | 1 | TDD | FN | 15A | | |
| 07797 | | XA435 | 31 | | | XA439 | 25 | | | 16B | 9 | | TXXB1Q | 02 | TXXB1Q | 00 | 1 | TDD | FQ | 15B | | I/O BYTE COUNTER |
| 00772 | | XA435 | 32 | | | | | | | | | | GND | 01 | | | | TDD | | 21B | | |
| 07795 | | XA435 | 33 | | | XA430 | 23 | | | 16B | 9 | | TXXB1P | 03 | TXXB1P | 00 | 1 | TDD | FP | 16B | | BOB |
| 07785 | | XA435 | 34 | | | XA436 | 25 | | | 16B | 9 | | TXXB0Q | 01 | TXXB1I | 01 | 1 | TDD | FI | 16A | | |
| 07889 | | XA435 | 35 | | | XA431 | 09 | | | 16B | 9 | | TXXDDP | 04 | TXXDDP | 00 | 1 | TDD | EP | 17B | | |
| 07767 | | XA435 | 36 | | | XA436 | 22 | | | 16B | 9 | | TXXB1P | 02 | TXXB1P | 01 | 1 | TDD | FP | 17A | | |
| 07892 | | XA435 | 37 | | | | | | | | | | TXXDDQ | 02 | TXXDDQ | 00 | 1 | TDD | EQ | 18B | | INPUT DATA CONTR |
| 07396 | | XA435 | 38 | | | XA436 | 38 | | | 16B | 9 | | TXXS0B | 22 | TXXDDP | 01 | 1 | TDD | EP | 18A | | |
| 07885 | | XA435 | 39 | | | | | | | | | | TXXDDA | 02 | TXXDDQ | 01 | 1 | TDD | EQ | 19B | | |
| 07258 | | XA435 | 40 | | | XA441 | 46 | | | 16B | 9 | | TXGN4A | 08 | TXXDDI | 01 | 1 | TDD | ET | 19A | | |
| 04257 | | XA435 | 41 | | | | | | | | | | TEB1SA | 02 | TEB1BQ | 01 | 1 | TDD | HQ | 22B | | |
| 07945 | | XA435 | 42 | | | XA436 | 09 | | | 16B | 9 | | TXXD1P | 03 | TXXDDN | 01 | 1 | TDD | EN | 20A | | |
| 04249 | | XA435 | 43 | | | | | | | | | | TEB1BQ | 03 | TEB1BQ | 00 | 1 | TDD | HQ | 23B | | |
| 00773 | | XA435 | 44 | | | | | | | | | | GND | 01 | | | | TDD | | 27A | | |
| 04246 | | XA435 | 45 | | | | | | | | | | TEB1BP | 02 | TEB1BP | 00 | 1 | TDD | HP | 24B | | |
| 04262 | | XA435 | 46 | | | XA434 | 61 | | | 16B | 9 | | TEB2BQ | 01 | TEB1BN | 01 | 1 | TDD | HN | 21A | | |
| 08410 | | XA435 | 47 | | | | | | | | | M | TXEB1P | 01 | TXEB1P | 00 | 1 | TDD | GP | 25B | | |
| 04259 | | XA435 | 48 | | | | | | | | | | TEB19ER | 02 | TEB1BI | 01 | 1 | TDD | HI | 22A | | |
| 07212 | | XA435 | 49 | | | XA428 | 04 | | | 16B | 9 | | TXEB1Q | 05 | TXEB1Q | 00 | 1 | TDD | GO | 24B | | EOB SYNC COUNTER |
| 04253 | | XA435 | 50 | | | | | | | | | | TEB1RA | 02 | TEB1BP | 01 | 1 | TDD | HP | 23A | | |
| 01535 | | XA435 | 51 | | | XA434 | 51 | | | 16B | 9 | | SPIO11 | 33 | TXEB1Q | 01 | 1 | TDD | GO | 27B | | |
| 07395 | | XA435 | 52 | | | XA435 | 38 | | | 16B | 9 | | TXXS0B | 21 | TXEB1P | 01 | 1 | TDD | GP | 24A | | |
| 01534 | | XA435 | 53 | | | XA435 | 51 | | | 16B | 9 | | SPIO11 | 32 | TXXR0Q | 01 | 1 | TDD | KQ | 28B | | |
| 07204 | | XA435 | 54 | | | XA436 | 37 | | | 16B | 9 | | TXEB0Q | 01 | TXEB1I | 01 | 1 | TDD | GI | 25A | | |
| 07970 | | XA435 | 55 | | | XA433 | 26 | | | 16B | 9 | | TXXR0Q | 02 | TXXR0Q | 00 | 1 | TDD | KQ | 29B | | REQUEST STROBE C |
| 07048 | | XA435 | 56 | | | XA435 | 79 | | | 16B | 9 | | TXCP1C | 02 | TXEB1N | 01 | 1 | TDD | GN | 26A | | |
| 07967 | | XA435 | 57 | | | XA436 | 63 | | | 16B | 9 | | TXXR0P | 01 | TXXR0P | 00 | 1 | TDD | KP | 30B | | |
| 00774 | | XA435 | 58 | | | | | | | | | | GND | 01 | | | | TDD | | 40A | | |
| 04292 | | XA435 | 59 | | | | | | | | | | TEB4BP | 03 | TEB4BP | 00 | 1 | TDD | JP | 31B | | |
| 08080 | | XA435 | 60 | | | XA436 | 60 | | | 16B | 9 | | T16MHO | 05 | TXXR0N | 01 | 1 | TDD | KN | 28A | | |
| 04294 | | XA435 | 61 | | | XA540 | 03 | | | 16B | 9 | | TEB4BQ | 02 | TEB4BQ | 00 | 1 | TDD | JO | 32B | | A07 |
| 07975 | | XA435 | 62 | | | XA434 | 76 | | | 16B | 9 | | TXXR2P | 01 | TXXR0I | 01 | 1 | TDD | KI | 29A | | |
| 04302 | | XA435 | 63 | | | | | | | | | | TEB4SA | 02 | TEB4BQ | 01 | 1 | TDD | JO | 33B | | |
| 07960 | | XA435 | 64 | | | XA436 | 64 | | | 16B | 9 | | TXXRCQ | 02 | TXXR0P | 01 | 1 | TDD | KP | 30A | | |
| 07839 | | XA435 | 65 | | | | | | | | | | TXXCIA | 02 | TXXCIC | 01 | 1 | TDD | MQ | 34B | | |
| 04297 | | XA435 | 66 | | | XA434 | 64 | | | 16B | 9 | | TEB4RA | 02 | TEB4BP | 01 | 1 | TDD | JP | 31A | | |
| 00775 | | XA435 | 67 | | | | | | | | | | GND | 01 | | | | TDD | | 40B | | |
| 04305 | | XA435 | 68 | | | | | | | | | | TEB49ER | 02 | TEB4BI | 01 | 1 | TDD | JI | 32A | | A07 |
| 07842 | | XA435 | 69 | | | | | | | | | | TXXCIP | 03 | TXXCIP | 00 | 1 | TDD | MP | 35A | | |
| 04312 | | XA435 | 70 | | | | | | | | | | TEB5BQ | 03 | TEB4BN | 01 | 1 | TDD | JN | 33A | | |
| 07256 | | XA435 | 71 | | | XA436 | 68 | | | 16B | 9 | | TXGN4A | 06 | TXXCII | 01 | 1 | TDD | MI | 36A | | |
| 07880 | | XA435 | 72 | | | XA539 | 21 | | | 16B | 9 | | TXXC4P | 03 | TXXCIN | 01 | 1 | TDD | MN | 34A | | |
| 07383 | | XA435 | 73 | | | XA434 | 73 | | | 16B | 9 | | TXXS0B | 09 | TXXCIP | 01 | 1 | TDD | MP | 36B | | |
| 07844 | | XA435 | 74 | | | XA424 | 52 | | | 16B | 9 | | TXXCIC | 02 | TXXCIC | 00 | 1 | TDD | NO | 35B | | DEV/OPR INDICATOR |
| 01532 | | XA435 | 75 | | | XA434 | 80 | | | 16B | 9 | | SPIO11 | 30 | TXST1P | 01 | 1 | TDD | LP | 37B | | |

CONNECTOR XA435 CONTINUED ON THE NEXT PAGE ****

H78-14 1333

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA435
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 319

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------|-------------|------|------|--------|--------|----------|------|------|------------------|-------|---------------------|--------------------|--------------------|-------------------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SH FE | MULTI GROUP | CODE | | | | | | | | | | | | |
| 06419 | | XA435 | 76 | | | | | | | | | | | | | | | | | | |
| 07663 | | XA435 | 77 | | XA436 | 78 | | | 16B | 9 | | | | | | | | | | | |
| 07669 | | XA435 | 78 | | | | | | | | | | | | | | | | | | |
| 07049 | | XA435 | 79 | | XA416 | 72 | | | 16B | 9 | | | | | | | | | | | STOP SYNC COUNTER |
| 01368 | | XA435 | 80 | | XA436 | 71 | | | 16B | 9 | | | | | | | | | | | |
| 07872 | | XA436 | 01 | | XA435 | 21 | | | 16B | 9 | | | | | | | | | | | |
| 00776 | | XA436 | 02 | | | | | | | | | | | | | | | | | | |
| 01503 | | XA436 | 03 | | | | | | | | | | | | | | | | | | |
| 07849 | | XA436 | 04 | | XA435 | 22 | | | 16B | 9 | | | | | | | | | | | A03 |
| 07933 | | XA436 | 05 | | XA434 | 37 | | | 16B | 9 | | | | | | | | | | | |
| 07400 | | XA436 | 06 | | XA438 | 50 | | | 16B | 9 | | | | | | | | | | | |
| 07956 | | XA436 | 07 | | | | | | | | | | | | | | | | | | |
| 07259 | | XA436 | 08 | | XA442 | 47 | | | 16B | 9 | | | | | | | | | | | |
| 07946 | | XA436 | 09 | | | | | | | | | | | | | | | | | | |
| 07878 | | XA436 | 10 | | XA416 | 53 | | | 16B | 9 | | | | | | | | | | | |
| 07904 | | XA436 | 11 | | | | | | | | | | | | | | | | | | |
| 00123 | | XA436 | 12 | | | | | | | | | | | | | | | | | | |
| 07906 | | XA436 | 13 | | | | | | | | | | | | | | | | | | |
| 07307 | | XA436 | 14 | | XA434 | 65 | | | 16B | 9 | | | | | | | | | | | |
| 07895 | | XA436 | 15 | | XA442 | 62 | | | 16B | 9 | | | | | | | | | | | |
| 00777 | | XA436 | 16 | | | | | | | | | | | | | | | | | | |
| 07302 | | XA436 | 17 | | XA430 | 07 | | | 16B | 9 | | | | | | | | | | | |
| 07242 | | XA436 | 18 | | XA436 | 40 | | | 16B | 9 | | | | | | | | | | | |
| 07305 | | XA436 | 19 | | | | | | | | | | | | | | | | | | |
| 07399 | | XA436 | 20 | | XA430 | 18 | | | 16B | 9 | | | | | | | | | | | |
| 08412 | | XA436 | 21 | | | | | | | | | | | | | | | | | | |
| 07768 | | XA436 | 22 | | XA432 | 09 | | | 16B | 9 | | | | | | | | | | | |
| 07783 | | XA436 | 23 | | XA433 | 30 | | | 16B | 9 | | | | | | | | | | | |
| 07809 | | XA436 | 24 | | XA439 | 20 | | | 16B | 9 | | | | | | | | | | | |
| 07786 | | XA436 | 25 | | XA439 | 24 | | | 16B | 9 | | | | | | | | | | | |
| 07772 | | XA436 | 26 | | XA435 | 30 | | | 16B | 9 | | | | | | | | | | | |
| 01508 | | XA436 | 27 | | XA437 | 26 | | | 16B | 9 | | | | | | | | | | | |
| 00124 | | XA436 | 28 | | | | | | | | | | | | | | | | | | |
| 01507 | | XA436 | 29 | | XA436 | 27 | | | 16B | 9 | | | | | | | | | | | |
| 05654 | | XA436 | 30 | | | | | | | | | | | | | | | | | | |
| 06705 | | XA436 | 31 | | | | | | | | | | | | | | | | | | |
| 00778 | | XA436 | 32 | | | | | | | | | | | | | | | | | | |
| 06701 | | XA436 | 33 | | XA425 | 79 | | | 16B | 9 | | | | | | | | | | | |
| 06692 | | XA436 | 34 | | XA513 | 07 | | | 16B | 9 | | | | | | | | | | | |
| 08409 | | XA436 | 35 | | | | | | | | | | | | | | | | | | |
| 06652 | | XA436 | 36 | | XA425 | 76 | | | 16B | 9 | | | | | | | | | | | |
| 07205 | | XA436 | 37 | | | | | | | | | | | | | | | | | | |
| 07397 | | XA436 | 38 | | XA440 | 37 | | | 16B | 9 | | | | | | | | | | | |
| 07203 | | XA436 | 39 | | | | | | | | | | | | | | | | | | |
| 07243 | | XA436 | 40 | | XA436 | 77 | | | 16B | 9 | | | | | | | | | | | |
| 04287 | | XA436 | 41 | | | | | | | | | | | | | | | | | | |
| 07207 | | XA436 | 42 | | | | | | | | | | | | | | | | | | |
| 04279 | | XA436 | 43 | | | | | | | | | | | | | | | | | | |
| CONNECTOR XA436 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

H78-14 1334

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA436
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 320

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | MULTI GROUP | CODE | COLOR | IDEN. | SIGNAL | SEQ NO | EQUATION | TERM FACTOR | CKT OR CHIP TYPE | SPOW | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | FCO NO |
|---|--------|-----------|-----|--------|-----------|-----|------|-------|-----|---|-------------|------|-------|---------|--------|---------|----------|-------------|------------------|------|---------------------|--------------------|-----------------------|-------------------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SIZE | GROUP | | | | | | | | | | | | | | | | |
| 00779 | | XA436 | 44 | | | | | | | | | | | GND | 01 | | | | | | | | | |
| 04276 | | XA436 | 45 | | | | | | | | | | | TEB3BP | 02 | TEB3BP | 00 | 1 | TDD | HP | | 27A | | |
| 04293 | | XA436 | 46 | | XA435 | 61 | | | 16B | 9 | | | | TEB4BQ | 01 | TEB3BN | 01 | 1 | TDD | HN | | 24B | | |
| 04226 | | XA436 | 47 | | XA527 | 01 | | | 16B | 9 | | | | TEB0BP | 01 | TEB0BP | 00 | 1 | TDD | GP | | 21A | | |
| 04289 | | XA436 | 48 | | | | | | | | | | | TEB39ER | 02 | TEB38 I | 01 | 1 | TDD | HI | | 25B | | |
| 04229 | | XA436 | 49 | | XA540 | 72 | | | 16B | 9 | | | | TEB0B0 | 01 | TEB0BQ | 00 | 1 | TDD | GO | | 22A | | |
| 04283 | | XA436 | 50 | | | | | | | | | | | TEB3RA | 02 | TEB3BP | 01 | 1 | TDD | HP | | 26B | EOB COUNTER BIT 0 CO1 | |
| 04241 | | XA436 | 51 | | XA431 | 43 | | | 16B | 9 | | | | TEBOSA | 01 | TEB0BQ | 01 | 1 | TDD | GO | | 23A | | |
| 04238 | | XA436 | 52 | | | | | | | | | | | TEBORA | 02 | TEB0BP | 01 | 1 | TDD | GP | | 27B | | |
| 01538 | | XA436 | 53 | | | | | | | | | | | SPIO11 | 36 | TXXR10 | 01 | 1 | TDD | KO | | 24A | | |
| 04244 | | XA436 | 54 | | XA540 | 74 | | | 16B | 9 | | | | TEB09ER | 01 | TEB0BI | 01 | 1 | TDD | GI | | 28B | | |
| 07974 | | XA436 | 55 | | | | | | | | | | | TXXR1Q | 02 | TXXR1Q | 00 | 1 | TDD | KO | | 25A | | CO1 |
| 04248 | | XA436 | 56 | | XA435 | 43 | | | 16B | 9 | | | | TEB1B0 | 02 | TEB0BN | 01 | 1 | TDD | GN | | 29B | | REQUEST STROBE CO |
| 08429 | | XA436 | 57 | | | | | | | | | | M | TXXR1P | 01 | TXXR1P | 00 | 1 | TDD | KP | | 26A | | |
| 00780 | | XA436 | 58 | | | | | | | | | | | GND | 01 | | | | | | | 30B | | |
| 07965 | | XA436 | 59 | | XA428 | 07 | | | 16B | 9 | | | | TXXREP | 01 | TXXREP | 00 | 1 | TDD | JP | | 40A | | |
| 08081 | | XA436 | 60 | | XA434 | 79 | | | 16B | 9 | | | | T16MHO | 06 | TXXR1N | 01 | 1 | TDD | KN | | 31B | | |
| 08428 | | XA436 | 61 | | | | | | | | | | M | TXXREQ | 01 | TXXREQ | 00 | 1 | TDD | JQ | | 28A | | |
| 07969 | | XA436 | 62 | | XA435 | 55 | | | 16B | 9 | | | | TXXROQ | 01 | TXXR1I | 01 | 1 | TDD | KI | | 32B | | REQUEST ENABLE F/ |
| 07968 | | XA436 | 63 | | | | | | | | | | | TXXROP | 02 | TXXREQ | 01 | 1 | TDD | JQ | | 29A | | |
| 07961 | | XA436 | 64 | | XA539 | 13 | | | 16B | 9 | | | | TXXRCQ | 03 | TXXR1P | 01 | 1 | TDD | KP | | 33B | | |
| 07382 | | XA436 | 65 | | XA435 | 73 | | | 16B | 9 | | | | TXRSOB | 08 | TXXACQ | 01 | 1 | TDD | MQ | | 30A | | |
| 07381 | | XA436 | 66 | | XA436 | 65 | | | 16B | 9 | | | | TXRSOB | 07 | TXXREP | 01 | 1 | TDD | JP | | 34B | | |
| 00781 | | XA436 | 67 | | | | | | | | | | | GND | 01 | | | | | | | 31A | | |
| 07257 | | XA436 | 68 | | XA435 | 40 | | | 16B | 9 | | | | | | | | | | | | 40B | | |
| 07712 | | XA436 | 69 | | | | | | | | | | | TXGN4A | 07 | TXXREI | 01 | 1 | TDD | JJ | | 32A | | |
| 07197 | | XA436 | 70 | | | | | | | | | | | TXXACP | 05 | TXXACP | 00 | 1 | TDD | MP | | 35A | | |
| 01369 | | XA436 | 71 | | XA427 | 73 | | | 16B | 9 | | | | TXEA0A | 04 | TXXREN | 01 | 1 | TDD | JN | | 33A | | |
| 07743 | | XA436 | 72 | | | | | | | | | | | SPJ006 | 15 | TXXACI | 01 | 1 | TDD | MI | | 36A | | |
| 07715 | | XA436 | 73 | | XA432 | 22 | | | 16B | 9 | | | | TXXA3P | 03 | TXXACN | 01 | 1 | TDD | MN | | 34A | | |
| 08422 | | XA436 | 74 | | | | | | | | | | | TXXADA | 01 | TXXACP | 01 | 1 | TDD | MP | | 36B | | |
| 01531 | | XA436 | 75 | | XA435 | 75 | | | 16B | 9 | | | M | TXXACQ | 01 | TXXACQ | 00 | 1 | TDD | MO | | 35B | | I/O STATE COUNTER |
| 08418 | | XA436 | 76 | | | | | | | | | | | SPIO11 | 29 | TXSTOP | 01 | 1 | TDD | LP | | 37B | | |
| 07244 | | XA436 | 77 | | XA441 | 52 | | | 16B | 9 | | | M | TXSTOP | 01 | TXSTOP | 00 | 1 | TDD | LP | | 37A | | |
| 07664 | | XA436 | 78 | | | | | | | | | | | TXGN1A | 07 | TXSTOI | 01 | 1 | TDD | LI | | 38B | | |
| 07665 | | XA436 | 79 | | XA439 | 75 | | | 16B | 9 | | | | TXST0Q | 02 | TXST0Q | 00 | 1 | TDD | LO | | 38A | | STOP SYNC COUNTER |
| 07670 | | XA436 | 80 | | XA439 | 72 | | | 16B | 9 | | | | TXST1A | 01 | TXSTON | 01 | 1 | TDD | LN | | 39B | | |
| | | | | | | | | | | | | | | TXST2A | 01 | TXST0Q | 01 | 1 | TDD | LO | | 39A | | |
| 07499 | | XA437 | 01 | | XA430 | 46 | | | 16B | 9 | | | | TXROCR | 03 | TXXAC0 | 01 | 1 | TS8 | A1 | | 02B | | |
| 00782 | | XA437 | 02 | | | | | | | | | | | GND | 01 | | | | | | | 01A | | |
| 00326 | | XA437 | 03 | | | | | | | | | | | DNW | 01 | | | | | | | | | |
| 07556 | | XA437 | 04 | | XA437 | 54 | | | 16B | 9 | | | | TXR1CR | 03 | TXXAC0 | 01 | 2 | TS8 | A1 | | 04A | | |
| 07574 | | XA437 | 05 | | XA437 | 56 | | | 16B | 9 | | | | TXR2CR | 03 | TXXAC0 | 01 | 3 | TS8 | A1 | | 03B | | |
| 07591 | | XA437 | 06 | | XA440 | 15 | | | 16B | 9 | | | | TXR3CR | 04 | TXXAC0 | 01 | 4 | TS8 | A1 | | 05A | | |
| 07606 | | XA437 | 07 | | XA427 | 21 | | | 16B | 9 | | | | TXR4CR | 03 | TXXAC0 | 01 | 5 | TS8 | A1 | | 03A | | |
| 07619 | | XA437 | 08 | | | | | | | | | | | TXR5CR | 03 | TXXAC0 | 01 | 6 | TS8 | A1 | | 06A | | |
| 00327 | | XA437 | 09 | | | | | | | | | | | DNW | 01 | | | | | | | | | |
| 07631 | | XA437 | 10 | | | | | | | | | | | TXR6CR | 03 | TXXAC0 | 01 | 7 | TS8 | A1 | | 07A | | |
| 07714 | | XA437 | 11 | | | | | | | | | | | TXXACO | 02 | TXXAC0 | 00 | 1 | TS8 | A1 | | 05B | | |
| CONNECTOR XA437 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1335

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA437
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 321

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SK FEG | PREFIX | CONNECTOR | PIN | SK FEG | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 00125 | | XA437 | 12 | | | | | | | | | +5V | 01 | | | TS8 | | | | | | |
| 07643 | | XA437 | 13 | | | | | | | | | TXR7CR | 03 | TXXACO | 01 | 8 | TS8 | A1 | | 06B | | |
| 07667 | | XA437 | 14 | | | | | | | | | TXST1A | 03 | TXRS00 | 01 | 1 | TS8 | B1 | | 09A | | |
| 00328 | | XA437 | 15 | | | | | | | | | DNW | 01 | | | TS8 | | | | | | |
| 00783 | | XA437 | 16 | | | | | | | | | GND | 01 | | | TS8 | | | | 21B | | |
| 00329 | | XA437 | 17 | | | | | | | | | DNW | 01 | | | TS8 | | | | | | |
| 06869 | | XA437 | 18 | | XA431 | 04 | | | 16B | 9 | | TXARSA | 01 | TXRS00 | 01 | 2 | TS8 | B1 | | 10A | | |
| 06977 | | XA437 | 19 | | XA431 | 07 | | | 16B | 9 | | TXBRSA | 01 | TXRS00 | 01 | 3 | TS8 | B1 | | 09B | | |
| 07311 | | XA437 | 20 | | XA428 | 27 | | | 16B | 9 | | TXPRSA | 01 | TXRS00 | 01 | 4 | TS8 | B1 | | 11A | | |
| 00330 | | XA437 | 21 | | | | | | | | | DNW | 01 | | | TS8 | | | | | | |
| 00257 | | XA437 | 22 | | XA433 | 25 | | | 16B | 9 | | DEVINH | 16 | TXRS00 | 01 | 5 | TS8 | B1 | | 12A | | |
| 07479 | | XA437 | 23 | | | | | | | | | TXRS00 | 12 | TXRS00 | 00 | 1 | TS8 | B1 | | 11B | CONTROLLER MASTER | |
| 01278 | | XA437 | 24 | | XA427 | 77 | | | 16B | 9 | | SPI003 | 13 | TXRS00 | 01 | 6 | TS8 | B1 | | 13A | | |
| 01364 | | XA437 | 25 | | XA437 | 40 | | | 16B | 9 | | SPI006 | 10 | TXRS00 | 01 | 7 | TS8 | B1 | | 12B | | |
| 01509 | | XA437 | 26 | | XA439 | 31 | | | 16B | 9 | | SPI011 | 07 | TXRS00 | 01 | 8 | TS8 | B1 | | 14A | | |
| 00331 | | XA437 | 27 | | | | | | | | | DNW | 01 | | | TS8 | | | | | | |
| 00126 | | XA437 | 28 | | | | | | | | | +5V | 01 | | | TS8 | | | | | | |
| 00332 | | XA437 | 29 | | | | | | | | | DNW | 01 | | | TS8 | | | | | | |
| 07117 | | XA437 | 30 | | XA430 | 21 | | | 16B | 9 | | TXOEVS | 01 | TXDV1A | 01 | 1 | TS8 | C1 | | 15A | | |
| 07818 | | XA437 | 31 | | XA437 | 60 | | | 16B | 9 | | TXXB20 | 04 | TXDV1A | 01 | 2 | TS8 | C1 | | 15B | | |
| 00784 | | XA437 | 32 | | | | | | | | | GND | 01 | | | TS8 | | | | 27A | | |
| 00333 | | XA437 | 33 | | | | | | | | | DNW | 01 | | | TS8 | | | | | | |
| 07721 | | XA437 | 34 | | XA433 | 34 | | | 16B | 9 | | TXXA0P | 03 | TXDV1A | 01 | 3 | TS8 | C1 | | 16A | | |
| 07145 | | XA437 | 35 | | | | | | | | | TXDV1A | 05 | TXDV1A | 00 | 1 | TS8 | C1 | | 17B | | |
| 07732 | | XA437 | 36 | | XA433 | 36 | | | 16B | 9 | | TXXA1Q | 03 | TXDV1A | 01 | 4 | TS8 | C1 | | 17A | | |
| 07515 | | XA437 | 37 | | XA437 | 66 | | | 16B | 9 | | TXROPA | 01 | TXDV1A | 01 | 5 | TS8 | C1 | | 18B | | |
| 01277 | | XA437 | 38 | | XA427 | 11 | | | 16B | 9 | | TXRO97T | 00 | TXDV1A | 01 | 6 | TS8 | C1 | | 18A | A07 | |
| 00334 | | XA437 | 39 | | | | | | | | | DNW | 01 | | | TS8 | | | | | | |
| 01365 | | XA437 | 40 | | XA437 | 70 | | | 16B | 9 | | SPI006 | 11 | TXDV1A | 01 | 7 | TS8 | C1 | | 19A | | |
| 00335 | | XA437 | 41 | | | | | | | | | DNW | 01 | | | TS8 | | | | | | |
| 01521 | | XA437 | 42 | | XA439 | 43 | | | 16B | 9 | | SPI011 | 19 | TXDV1A | 01 | 8 | TS8 | C1 | | 20A | | |
| 07034 | | XA437 | 43 | | XA433 | 55 | | | 16B | 9 | | TXCMAS | 01 | TXCA1A | 01 | 1 | TS8 | D1 | | 23B | | |
| 00785 | | XA437 | 44 | | | | | | | | | GND | 01 | | | TS8 | | | | 40A | | |
| 00336 | | XA437 | 45 | | | | | | | | | DNW | 01 | | | TS8 | | | | | | |
| 07802 | | XA437 | 46 | | XA440 | 51 | | | 16B | 9 | | TXXB10 | 03 | TXCA1A | 01 | 2 | TS8 | D1 | | 21A | | |
| 07024 | | XA437 | 47 | | | | | | | | | TXCA1A | 02 | TXCA1A | 00 | 1 | TS8 | D1 | | 25B | | |
| 07720 | | XA437 | 48 | | XA437 | 34 | | | 16B | 9 | | TXXA0P | 02 | TXCA1A | 01 | 3 | TS8 | D1 | | 22A | | |
| 07731 | | XA437 | 49 | | XA437 | 36 | | | 16B | 9 | | TXXA1Q | 02 | TXCA1A | 01 | 4 | TS8 | D1 | | 26B | | |
| 07356 | | XA437 | 50 | | XA440 | 40 | | | 16B | 9 | | TXRPCS | 02 | TXCA1A | 01 | 5 | TS8 | D1 | | 23A | | |
| 00337 | | XA437 | 51 | | | | | | | | | DNW | 01 | | | TS8 | | | | | | |
| 07511 | | XA437 | 52 | | XA438 | 03 | | | 16B | 9 | | TXROCS | 09 | TXCA1A | 01 | 6 | TS8 | D1 | | 24A | | |
| 00338 | | XA437 | 53 | | | | | | | | | DNW | 01 | | | TS8 | | | | | | |
| 07557 | | XA437 | 54 | | XA430 | 60 | | | 16B | 9 | | TXR1CR | 04 | TXCA1A | 01 | 7 | TS8 | D1 | | 25A | | |
| 07136 | | XA437 | 55 | | XA426 | 57 | | | 16B | 9 | | TXDVSS | 07 | TXSS0A | 01 | 1 | TS8 | E1 | | 29B | | |
| 07575 | | XA437 | 56 | | XA430 | 59 | | | 16B | 9 | | TXR2CR | 04 | TXCA1A | 01 | 8 | TS8 | D1 | | 26A | | |
| 00339 | | XA437 | 57 | | | | | | | | | DNW | 01 | | | TS8 | | | | | | |
| 00786 | | XA437 | 58 | | | | | | | | | GND | 01 | | | TS8 | | | | | | |
| 07662 | | XA437 | 59 | | | | | | | | | TXSS0A | 03 | TXSS0A | 00 | 1 | TS8 | E1 | | 31B | | |
| 07819 | | XA437 | 60 | | XA440 | 66 | | | 16B | 9 | | TXXB20 | 05 | TXSS0A | 01 | 2 | TS8 | E1 | | 28A | | |
| 07719 | | XA437 | 61 | | XA437 | 48 | | | 16B | 9 | | TXXA0P | 01 | TXSS0A | 01 | 3 | TS8 | E1 | | 32B | | |
| CONNECTOR (XA437) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1336

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA437
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 322

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO | |
|---------------|--------|-----------|-------|-------|----------------------------|-----------|-----|-------|-------------|------|-------|--------|---------|----------|---------|------|------------------|-------|---------------------|-------------|-----|--------------------|--------------------|----|
| | PREFIX | CONNECTOR | PIN | SH FT | PREFIX | CONNECTOR | PIN | SH FT | MULTI GROUP | CODE | COLOR | | | | | | | | | IDENT | AND | | | OR |
| 07730 | | XA437 | 62 | | | | | | | | | | TXXAIQ | 01 | TXSSOA | 01 | 4 | TS8 | E1 | | 29A | | | |
| 00340 | | XA437 | 63 | | XA437 | 49 | | | 16B | 9 | | | DNW | 01 | | | | | | | | | | |
| 07658 | | XA437 | 64 | | XA426 | 21 | | | 16B | 9 | | | TXSSTO | 01 | TXSSOA | 01 | 5 | TS8 | E1 | | 30A | | | |
| 00341 | | XA437 | 65 | | | | | | | | | | DNW | 01 | | | | | | | | | | |
| 07516 | | XA437 | 66 | | XA433 | 70 | | | 16B | 9 | | | TXROPA | 02 | TXSSOA | 01 | 6 | TS8 | E1 | | 31A | | | |
| 00787 | | XA437 | 67 | | | | | | | | | | GND | 01 | | | | | | | | | | |
| 01529 | | XA437 | 68 | | XA437 | 79 | | | 16B | 9 | | | SPI011 | 27 | TXSSOA | 01 | 7 | TS8 | E1 | | 32A | | | |
| 00342 | | XA437 | 69 | | | | | | | | | | DNW | 01 | | | | | | | | | | |
| 01366 | | XA437 | 70 | | XA437 | 78 | | | 16B | 9 | | | SPI006 | 12 | TXSSOA | 01 | 8 | TS8 | E1 | | 33A | | | |
| 05331 | | XA437 | 71 | | XA412 | 66 | | | 16B | 9 | | | TRTDCO | 01 | TDRSCA | 01 | 1 | TS8 | F1 | | 36A | | | |
| 04533 | | XA437 | 72 | | | | | | | | | | TKBOOP | 05 | TDRSCA | 01 | 2 | TS8 | F1 | | 34A | | | |
| 04542 | | XA437 | 73 | | | | | | | | | | TKB01P | 05 | TDRSCA | 01 | 3 | TS8 | F1 | | 36B | | | |
| 04497 | | XA437 | 74 | | | | | | | | | | TKA01Q | 09 | TDRSCA | 01 | 4 | TS8 | F1 | | 35B | | | |
| 04500 | | XA437 | 75 | | XA526 | 59 | | | 16B | 9 | | | TKA02P | 01 | TDRSCA | 01 | 5 | TS8 | F1 | | 37B | | | |
| 04094 | | XA437 | 76 | | XA518 | 14 | | | 16B | 9 | | | TDRSCA | 01 | TDRSCA | 00 | 1 | TS8 | F1 | | 37A | | CLEAR INPUT DATA R | |
| 05719 | | XA437 | 77 | | XA433 | 79 | | | 16B | 9 | | | TSCL3B | 02 | TDRSCA | 01 | 6 | TS8 | F1 | | 38B | | | |
| 01367 | | XA437 | 78 | | XA435 | 80 | | | 16B | 9 | | | SPI006 | 13 | TDRSCA | 01 | 7 | TS8 | F1 | | 38A | | | |
| 01530 | | XA437 | 79 | | XA436 | 75 | | | 16B | 9 | | | SPI011 | 28 | TDRSCA | 01 | 8 | TS8 | F1 | | 39B | | | |
| 00343 | | XA437 | 80 | | | | | | | | | | DNW | 01 | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| 00344 | | XA438 | 01 | | | | | | | | | | DNW | 01 | | | | PAR | | | | 02B | | |
| 00788 | | XA438 | 02 | | | | | | | | | | GND | 01 | | | | PAR | | | | 01A | | |
| 07512 | | XA438 | 03 | | XA440 | 08 | | | 16B | 9 | | | TXR0CS | 10 | TXROPPR | 01 | 1 | PAR | A1 | | 03B | | | |
| 07650 | | XA438 | 04 | | XA440 | 23 | | | 16B | 9 | | | TXR7CS | 07 | TXROPPR | 01 | 8 | PAR | A1 | | 02A | | | |
| 07569 | | XA438 | 05 | | XA440 | 04 | | | 16B | 9 | | | TXR1CS | 09 | TXROPPR | 01 | 2 | PAR | A1 | | 04B | | | |
| 07634 | | XA438 | 06 | | XA427 | 06 | | | 16B | 9 | | | TXR6CS | 03 | TXROPPR | 01 | 7 | PAR | A1 | | 03A | | | |
| 07585 | | XA438 | 07 | | XA440 | 03 | | | 16B | 9 | | | TXR2CS | 07 | TXROPPR | 01 | 3 | PAR | A1 | | 05B | | | |
| 07626 | | XA438 | 08 | | XA440 | 18 | | | 16B | 9 | | | TXR5CS | 07 | TXROPPR | 01 | 6 | PAR | A1 | | 04A | | | |
| 07594 | | XA438 | 09 | | XA440 | 11 | | | 16B | 9 | | | TXR3CS | 01 | TXROPPR | 01 | 4 | PAR | A1 | | 06B | | | |
| 07615 | | XA438 | 10 | | XA427 | 05 | | | 16B | 9 | | | TXR4CS | 08 | TXROPPR | 01 | 5 | PAR | A1 | | 05A | | | |
| 07355 | | XA438 | 11 | | XA437 | 50 | | | 16B | 9 | | | TXRPCS | 01 | TXROPPR | 02 | 1 | PAR | A1 | | 07B | | | |
| 00127 | | XA438 | 12 | | | | | | | | | | +5V | 01 | | | | PAR | | | | 08A | | |
| 07523 | | XA438 | 13 | | | | | | | | | | TXROPPR | 04 | TXROPPR | 00 | 1 | PAR | A1 | | 07A | | INPUT REG PARITY C | |
| 00345 | | XA438 | 14 | | | | | | | | | | DNW | 01 | | | | PAR | | | | 06A | | |
| 00346 | | XA438 | 15 | | | | | | | | | | DNW | 01 | | | | PAR | | | | 08B | | |
| 00789 | | XA438 | 16 | | | | | | | | | | GND | 01 | | | | PAR | | | | 01B | | |
| 07676 | | XA438 | 17 | | XA427 | 38 | | | 16B | 9 | | | TXS031U | 03 | TXDSBPR | 01 | 1 | PAR | B1 | | 09B | | | |
| 07704 | | XA438 | 18 | | XA427 | 62 | | | 16B | 9 | | | TXS474U | 03 | TXDSBPR | 01 | 8 | PAR | B1 | | 09A | | | |
| 07679 | | XA438 | 19 | | XA445 | 13 | | | 16B | 9 | | | TXS032U | 02 | TXDSBPR | 01 | 2 | PAR | B1 | | 10B | | | |
| 07700 | | XA438 | 20 | | XA427 | 60 | | | 16B | 9 | | | TXS473U | 03 | TXDSBPR | 01 | 7 | PAR | B1 | | 10A | | | |
| 07684 | | XA438 | 21 | | XA427 | 42 | | | 16B | 9 | | | TXS033U | 03 | TXDSBPR | 01 | 3 | PAR | B1 | | 11B | | | |
| 07696 | | XA438 | 22 | | XA427 | 56 | | | 16B | 9 | | | TXS472U | 03 | TXDSBPR | 01 | 6 | PAR | B1 | | 11A | | | |
| 07688 | | XA438 | 23 | | XA427 | 46 | | | 16B | 9 | | | TXS034U | 03 | TXDSBPR | 01 | 4 | PAR | B1 | | 12B | | | |
| 07692 | | XA438 | 24 | | XA427 | 54 | | | 16B | 9 | | | TXS471U | 03 | TXDSBPR | 01 | 5 | PAR | B1 | | 12A | | | |
| 07130 | | XA438 | 25 | | | | | | | | | | TXDSBPR | 03 | TXDSBPR | 00 | 1 | PAR | B1 | | 14A | | | |
| 00347 | | XA438 | 26 | | | | | | | | | | DNW | 01 | | | | PAR | | | | 13A | | |
| 07843 | | XA438 | 27 | | XA435 | 74 | | | 16B | 9 | | | TXXCIQ | 01 | TXDSBPR | 02 | 1 | PAR | B1 | | 13B | | | |
| 00128 | | XA438 | 28 | | | | | | | | | | +5V | 01 | | | | PAR | | | | 08A | | |
| 00348 | | XA438 | 29 | | | | | | | | | | DNW | 01 | | | | PAR | | | | 14B | | |
| | | CONNECTOR | XA438 | | CONTINUED ON THE NEXT PAGE | | | **** | | | | | | | | | | | | | | | | |

H78-14 1337

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA438
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 323

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS (AND/OR) | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|------|--------|-----------|-----|------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|----------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | INFO | PREFIX | CONNECTOR | PIN | INFO | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 06781 | XA438 | 30 | | | XA543 | 23 | | | 16B | 9 | | | TW04DTD | 02 | TW07BPR | 01 | 8 | PAR | C1 | | 15A | | |
| 06738 | XA438 | 31 | | | XA423 | 55 | | | 16B | 9 | | | TW00DTA | 03 | TW07BPR | 01 | 1 | PAR | C1 | | 15B | | |
| 00790 | XA438 | 32 | | | | | | | | | | | GND | 01 | | | | PAR | | | | 20B | |
| 06741 | XA438 | 33 | | | XA543 | 04 | | | 16B | 9 | | | TW00DTB | 02 | TW07BPR | 01 | 2 | PAR | C1 | | 16B | | |
| 06778 | XA438 | 34 | | | XA422 | 60 | | | 16B | 9 | | | TW04DTC | 03 | TW07BPR | 01 | 7 | PAR | C1 | | 16A | | |
| 06746 | XA438 | 35 | | | XA423 | 60 | | | 16B | 9 | | | TW00DTC | 03 | TW07BPR | 01 | 3 | PAR | C1 | | 17B | | |
| 06773 | XA438 | 36 | | | XA543 | 18 | | | 16B | 9 | | | TW04DTB | 02 | TW07BPR | 01 | 6 | PAR | C1 | | 17A | | |
| 06749 | XA438 | 37 | | | XA543 | 11 | | | 16B | 9 | | | TW00DTD | 02 | TW07BPR | 01 | 4 | PAR | C1 | | 18B | | |
| 06770 | XA438 | 38 | | | XA422 | 55 | | | 16B | 9 | | | TW04DTA | 03 | TW07BPR | 01 | 5 | PAR | C1 | | 18A | | |
| 06625 | XA438 | 39 | | | XA423 | 52 | | | 16B | 9 | | | TWRI2R | 01 | TW07BPR | 02 | 1 | PAR | C1 | | 19B | | |
| 00349 | XA438 | 40 | | | | | | | | | | | DNW | 01 | | | | PAR | | | | 19A | |
| 00350 | XA438 | 41 | | | | | | | | | | | DNW | 01 | | | | PAR | | | | 22B | |
| 06802 | XA438 | 42 | | | | | | | | | | | TW07BPR | 03 | TW07BPR | 00 | 1 | PAR | C1 | | 20A | WRITE DATA PARITY | |
| 01550 | XA438 | 43 | | | XA441 | 43 | | | 16B | 9 | | | SPI012 | 12 | | 01 | 1 | PAR | D1 | | 23B | | |
| 00791 | XA438 | 44 | | | | | | | | | | | GND | 01 | | | | PAR | | | | 27A | |
| 01600 | XA438 | 45 | | | XA442 | 65 | | | 16B | 9 | | | SPI0153 | 08 | | 01 | 2 | PAR | D1 | | 24B | | |
| 01599 | XA438 | 46 | | | XA438 | 61 | | | 16B | 9 | | | SPI015 | 13 | | 01 | 8 | PAR | D1 | | 21A | B05 | |
| 01520 | XA438 | 47 | | | XA437 | 42 | | | 16B | 9 | | | SPI011 | 18 | | 01 | 3 | PAR | D1 | | 25B | | |
| 01276 | XA438 | 48 | | | XA437 | 24 | | | 16B | 9 | | | SPI003 | 11 | | 01 | 7 | PAR | D1 | | 22A | A07 | |
| 01462 | XA438 | 49 | | | XA427 | 75 | | | 16B | 9 | | | SPI009 | 02 | | 01 | 4 | PAR | D1 | | 26B | | |
| 01429 | XA438 | 50 | | | XA438 | 65 | | | 16B | 9 | | | SPI008 | 04 | | 01 | 6 | PAR | D1 | | 23A | | |
| 01584 | XA438 | 51 | | | XA514 | 73 | | | 16B | 9 | | | SPI014 | 02 | | 02 | 1 | PAR | D1 | | 27B | | |
| 01570 | XA438 | 52 | | | XA442 | 51 | | | 16B | 9 | | | SPI013 | 01 | | 01 | 5 | PAR | D1 | | 24A | | |
| 00351 | XA438 | 53 | | | | | | | | | | | DNW | 01 | | | | PAR | | | | 28B | |
| 00352 | XA438 | 54 | | | | | | | | | | | DNW | 01 | | | | PAR | | | | 25A | |
| 03980 | XA438 | 55 | | | XA438 | 52 | | | 16B | 9 | | | SPI013 | 0E | TWDDEPR | 01 | 1 | PAR | E1 | | 29B | B05 | |
| 03395 | XA438 | 56 | | | | | | | | | | | SPO | 01 | | 00 | 1 | PAR | D1 | | 26A | | |
| 01519 | XA438 | 57 | | | XA438 | 47 | | | 16B | 9 | | | SPI011 | 17 | TWDDEPR | 01 | 8 | PAR | E1 | | 28A | | |
| 00792 | XA438 | 58 | | | | | | | | | | | GND | 01 | | | | PAR | | | | 40A | |
| 03989 | XA438 | 59 | | | XA442 | 72 | | | 16B | 9 | | | SPI014 | 005 | TWDDEPR | 01 | 2 | PAR | E1 | | 30B | B05 | |
| 01275 | XA438 | 60 | | | XA438 | 48 | | | 16B | 9 | | | SPI003 | 10 | TWDDEPR | 01 | 7 | PAR | E1 | | 29A | | |
| 03994 | XA438 | 61 | | | | | | | | | | | SPI015 | 14 | TWDDEPR | 01 | 3 | PAR | E1 | | 31B | B05 | |
| 01549 | XA438 | 62 | | | XA438 | 43 | | | 16B | 9 | | | SPI012 | 11 | TWDDEPR | 01 | 6 | PAR | E1 | | 30A | | |
| 04004 | XA438 | 63 | | | | | | | | | | | TC83B0 | 05 | TWDDEPR | 01 | 4 | PAR | E1 | | 32B | | |
| 04011 | XA438 | 64 | | | | | | | | | | | TC84B0 | 03 | TWDDEPR | 01 | 5 | PAR | E1 | | 31A | | |
| 01430 | XA438 | 65 | | | XA534 | 03 | | | 16B | 9 | | | SPI008 | 05 | TWDDEPR | 02 | 1 | PAR | E1 | | 33B | | |
| 00353 | XA438 | 66 | | | | | | | | | | | DNW | 01 | | | | PAR | | | | 32A | |
| 00793 | XA438 | 67 | | | | | | | | | | | GND | 01 | | | | PAR | | | | 40B | |
| 06367 | XA438 | 68 | | | XA518 | 29 | | | 16B | 9 | | | TWDDEPR | 01 | TWDDEPR | 00 | 1 | PAR | E1 | | 33A | WRITE STROBE GENER | |
| 00354 | XA438 | 69 | | | | | | | | | | | DNW | 01 | | | | PAR | | | | 34B | |
| 06304 | XA438 | 70 | | | XA537 | 23 | | | 16B | 9 | | | TT07BQ | 01 | TT0PBPR | 01 | 8 | PAR | F1 | | 34A | | |
| 06241 | XA438 | 71 | | | XA537 | 08 | | | 16B | 9 | | | TT00BQ | 01 | TT0PBPR | 01 | 1 | PAR | F1 | | 35B | | |
| 06295 | XA438 | 72 | | | XA537 | 17 | | | 16B | 9 | | | TT06BQ | 01 | TT0PBPR | 01 | 7 | PAR | F1 | | 35A | | |
| 06250 | XA438 | 73 | | | XA537 | 04 | | | 16B | 9 | | | TT01BQ | 01 | TT0PBPR | 01 | 2 | PAR | F1 | | 36B | | |
| 06286 | XA438 | 74 | | | XA537 | 18 | | | 16B | 9 | | | TT05BQ | 01 | TT0PBPR | 01 | 6 | PAR | F1 | | 36A | | |
| 06265 | XA438 | 75 | | | | | | | | | | | TT02BQ | 07 | TT0PBPR | 01 | 3 | PAR | F1 | | 37B | | |
| 06283 | XA438 | 76 | | | | | | | | | | | TT04BQ | 07 | TT0PBPR | 01 | 5 | PAR | F1 | | 37A | | |
| 06268 | XA438 | 77 | | | XA537 | 11 | | | 16B | 9 | | | TT03BQ | 01 | TT0PBPR | 01 | 4 | PAR | F1 | | 38B | | |
| 00355 | XA438 | 78 | | | | | | | | | | | DNW | 01 | | | | PAR | | | | 38A | |
| 06232 | XA438 | 79 | | | XA541 | 14 | | | 16B | 9 | | | TT0PBQ | 00 | TT0PBPR | 02 | 1 | PAR | F1 | | 39B | A07 | |
| CONNECTOR XA438 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1338

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA438
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 324

| RECORD NUMBER | FROM | | | TO | WIRE | | | | SPEC INST | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|---------------------------------|----|--------|-----------|-----|------|-----------|--------|----------|----------|---------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | SIZE | | | | | | | | | | | | |
| 06236 | | XA438 | 80 | | | | | | | | TT0PBPR | 02 | TT0PBPR | 00 | 1 | PAR | F1 | 39A | READ REGISTER PART | |
| 07752 | | XA439 | 01 | | | | | | | | TXXA5A | 02 | TXXA5A | 00 | 1 | T02 | A2 | 02B | I/O STATE COUNTER | |
| 00794 | | XA439 | 02 | | | | | | | | GND | 01 | | | | T02 | | 01A | | |
| 07728 | | XA439 | 03 | | XA435 | 11 | | 16B | 9 | | TXXA1P | 01 | TXXA6A | 01 | 1 | T02 | A3 | 02A | | |
| 07724 | | XA439 | 04 | | | | | | | | TXXA0P | 06 | TXXA5A | 01 | 1 | T02 | A2 | 04A | | |
| 07736 | | XA439 | 05 | | | | | | | | TXXA1Q | 07 | TXXA5A | 01 | 2 | T02 | A2 | 03B | | |
| 07747 | | XA439 | 06 | | | | | | | | TXXA4A | 02 | TXXA4A | 00 | 1 | T02 | A1 | 05A | I/O STATE COUNTER | |
| 07737 | | XA439 | 07 | | XA435 | 05 | | 16B | 9 | | TXXA2Q | 01 | TXXA6A | 01 | 2 | T02 | A3 | 03A | | |
| 07727 | | XA439 | 08 | | | | | | | | TXXA0Q | 03 | TXXA4A | 01 | 1 | T02 | A1 | 06A | | |
| 07764 | | XA439 | 09 | | XA440 | 35 | | 16B | 9 | | TXXA6A | 01 | TXXA6A | 00 | 1 | T02 | A3 | 04B | I/O STATE COUNTER | |
| 07744 | | XA439 | 10 | | XA435 | 07 | | 16B | 9 | | TXXA3Q | 01 | TXXA4A | 01 | 2 | T02 | A1 | 07A | | |
| 07781 | | XA439 | 11 | | XA439 | 23 | | 16B | 9 | | TXXB0P | 01 | TXXB0A | 01 | 1 | T02 | A4 | 05B | | |
| 00129 | | XA439 | 12 | | | | | | | | +5V | | | | | T02 | | | | |
| 07811 | | XA439 | 13 | | | | | | | | TXXB2P | 05 | TXXB0A | 01 | 2 | T02 | A4 | 06B | | |
| 07806 | | XA439 | 14 | | | | | | | | TXXB2A | 03 | TXXB2A | 00 | 1 | T02 | B2 | 09A | I/O BYTE COUNTER | |
| 07777 | | XA439 | 15 | | XA430 | 17 | | 16B | 9 | | TXXB0A | 02 | TXXB0A | 00 | 1 | T02 | A4 | 07B | I/O BYTE COUNTER | |
| 00795 | | XA439 | 16 | | | | | | | | GND | 01 | | | | T02 | | 01B | | |
| 07788 | | XA439 | 17 | | | | | | | | TXXB0Q | 04 | TXXB3A | 01 | 1 | T02 | B3 | 08B | | |
| 07799 | | XA439 | 18 | | | | | | | | TXXB1Q | 04 | TXXB2A | 01 | 1 | T02 | B2 | 10A | | |
| 07812 | | XA439 | 19 | | XA439 | 42 | | 16B | 9 | | TXXB2Q | 01 | TXXB3A | 01 | 2 | T02 | B3 | 09B | | |
| 07810 | | XA439 | 20 | | XA439 | 13 | | 16B | 9 | | TXXB2P | 04 | TXXB2A | 01 | 2 | T02 | B2 | 11A | | |
| 07823 | | XA439 | 21 | | XA440 | 62 | | 16B | 9 | | TXXB3A | 03 | TXXB3A | 00 | 1 | T02 | B3 | 10B | I/O BYTE COUNTER | |
| 07791 | | XA439 | 22 | | XA440 | 47 | | 16B | 9 | | TXXB1A | 01 | TXXB1A | 00 | 1 | T02 | B1 | 12A | I/O BYTE COUNTER | |
| 07782 | | XA439 | 23 | | XA436 | 23 | | 16B | 9 | | TXXB0P | 02 | TXXB4A | 01 | 1 | T02 | B4 | 11B | I/O BYTE COUNTER | |
| 07787 | | XA439 | 24 | | XA439 | 17 | | 16B | 9 | | TXXB0Q | 03 | TXXB1A | 01 | 1 | T02 | B1 | 13A | | |
| 07798 | | XA439 | 25 | | XA439 | 18 | | 16B | 9 | | TXXB1Q | 03 | TXXB4A | 01 | 2 | T02 | B4 | 12B | | |
| 07793 | | XA439 | 26 | | XA439 | 40 | | 16B | 9 | | TXXB1P | 01 | TXXB1A | 01 | 2 | T02 | B1 | 14A | | |
| 07828 | | XA439 | 27 | | XA440 | 53 | | 16B | 9 | | TXXB4A | 01 | TXXB4A | 00 | 1 | T02 | B4 | 13B | I/O BYTE COUNTER | |
| 00130 | | XA439 | 28 | | | | | | | | +5V | 01 | | | | T02 | | | | |
| 07982 | | XA439 | 29 | | | | | | | | TXX05A | 02 | TXX050 | 01 | 1 | T02 | C3 | 14B | | |
| 07978 | | XA439 | 30 | | XA433 | 48 | | 16B | 9 | | TXX04A | 01 | TXX04A | 00 | 1 | T02 | C2 | 15A | | |
| 01510 | | XA439 | 31 | | XA440 | 43 | | 16B | 9 | | SPI011 | 08 | TXX050 | 01 | 2 | T02 | C3 | 15B | | |
| 00796 | | XA439 | 32 | | | | | | | | GND | 01 | | | | T02 | | 20B | | |
| 07983 | | XA439 | 33 | | XA433 | 54 | | 16B | 9 | | TXX050 | 01 | TXX050 | 00 | 1 | T02 | C3 | 16B | I/O BYTE COUNTER=0 | |
| 07790 | | XA439 | 34 | | | | | | | | TXXB0Q | 02 | TXX04A | 01 | 1 | T02 | C2 | 16A | | |
| 06871 | | XA439 | 35 | | XA441 | 66 | | 16B | 9 | | TXXASLA | 01 | TXXONLO | 01 | 1 | T02 | C4 | 17B | | |
| 07749 | | XA439 | 36 | | XA440 | 52 | | 16B | 9 | | TXXA40 | 02 | TXX04A | 01 | 2 | T02 | C2 | 17A | | |
| 06979 | | XA439 | 37 | | XA441 | 60 | | 16B | 9 | | TXXBSLA | 01 | TXXONLO | 01 | 2 | T02 | C4 | 18B | | |
| 07834 | | XA439 | 38 | | XA440 | 59 | | 16B | 9 | | TXXB5A | 02 | TXXB5A | 00 | 1 | T02 | C1 | 18A | I/O BYTE COUNTER | |
| 08022 | | XA439 | 39 | | | | | | | | TXXONLO | 05 | TXXONLO | 00 | 1 | T02 | C4 | 19B | | |
| 07794 | | XA439 | 40 | | XA435 | 33 | | 16B | 9 | | TXXB1P | 02 | TXXB5A | 01 | 1 | T02 | C1 | 19A | | |
| 07144 | | XA439 | 41 | | XA437 | 35 | | 16B | 9 | | TXXDV1A | 04 | TXXDV30 | 01 | 1 | T02 | D3 | 22B | | |
| 07813 | | XA439 | 42 | | XA434 | 49 | | 16B | 9 | | TXXB2Q | 02 | TXXB5A | 01 | 2 | T02 | C1 | 20A | | |
| 01522 | | XA439 | 43 | | XA439 | 49 | | 16B | 9 | | SPI011 | 20 | TXXDV30 | 01 | 2 | T02 | D3 | 23B | | |
| 00797 | | XA439 | 44 | | | | | | | | GND | 01 | | | | T02 | | 21B | | |
| 07156 | | XA439 | 45 | | XA432 | 19 | | 16B | 9 | | J TXDV30 | 11 | TXXDV1B | 01 | 3 | T02 | D3 | 24B | | |
| 07190 | | XA439 | 45 | | | | | | | | P TXDV30 | 01 | TXXDV30 | 00 | 1 | T02 | D3 | 24B | TXDV18 BUSS | |
| 07155 | | XA439 | 46 | | XA439 | 45 | | 16B | 9 | | P TXDV20 | 10 | TXXDV1B | 01 | 2 | T02 | D2 | 21A | | |
| CONNECTOR | | XA439 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | |

H78-14 1339

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA439
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 325

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SFC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|------|--------|-----------|-----|------|-------------|------|-------|---------------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DRFC | PREFIX | CONNECTOR | PIN | DRFC | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 07189 | | XA439 | 46 | | | | | | | | | J | TXDV20 | 01 | TXDV20 | 00 | 1 | TQ2 | D2 | | 21A | TXDV1B BUSS | |
| 07143 | | XA439 | 47 | | XA439 | 41 | | | 16B | 9 | | | TXDV1A | 03 | TXDV40 | 01 | 1 | TQ2 | D4 | | 25B | | |
| 07142 | | XA439 | 48 | | XA439 | 47 | | | 16B | 9 | | | TXDV1A | 02 | TXDV20 | 01 | 1 | TQ2 | D2 | | 22A | | |
| 01523 | | XA439 | 49 | | XA439 | 61 | | | 16B | 9 | | | SPIO11 | 21 | TXDV40 | 01 | 2 | TQ2 | D4 | | 26B | | |
| 01516 | | XA439 | 50 | | XA439 | 56 | | | 16B | 9 | | | SPIO11 | 14 | TXDV20 | 01 | 2 | TQ2 | D2 | | 23A | | |
| 07153 | | XA439 | 51 | | XA439 | 52 | | | 16B | 9 | | P | TXDV40 | 08 | TXDV1B | 01 | 4 | TQ2 | D4 | | 27B | | |
| 07191 | | XA439 | 51 | | | | | | | | | J | TXDV40 | 01 | TXDV40 | 00 | 1 | TQ2 | D4 | | 27B | TXDV1B BUSS | |
| 07154 | | XA439 | 52 | | XA439 | 46 | | | 16B | 9 | | | TXDV10 | 09 | TXDV1B | 01 | 1 | TQ2 | D1 | | 24A | | |
| 07188 | | XA439 | 52 | | | | | | | | | J | TXDV10 | 01 | TXDV10 | 00 | 1 | TQ2 | D1 | | 24A | TXDV1B BUSS | |
| 05215 | | XA439 | 53 | | | | | | | | | | TREW30 | 02 | TREW3A | 01 | 1 | TQ2 | E3 | | 28B | | |
| 07141 | | XA439 | 54 | | XA439 | 48 | | | 16B | 9 | | | TXDV1A | 01 | TXDV10 | 01 | 1 | TQ2 | D1 | | 25A | | |
| 01518 | | XA439 | 55 | | XA438 | 57 | | | 16B | 9 | | | SPIO11 | 16 | TREW3A | 01 | 2 | TQ2 | E3 | | 29B | | |
| 01517 | | XA439 | 56 | | XA439 | 55 | | | 16B | 9 | | | SPIO11 | 15 | TXDV10 | 01 | 2 | TQ2 | D1 | | 26A | | |
| 05206 | | XA439 | 57 | | XA542 | 24 | | | 16B | 9 | | | TREW3A | 01 | TREW3A | 00 | 1 | TQ2 | E3 | | 30B | | |
| 00798 | | XA439 | 58 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 27A | | |
| 07380 | | XA439 | 59 | | XA436 | 66 | | | 16B | 9 | | | TXRS0B | 06 | TRDCC0 | 01 | 1 | TQ2 | E4 | | 31B | | |
| 04296 | | XA439 | 60 | | XA435 | 66 | | | 16B | 9 | | | TEB4RA | 01 | TEB4RA | 00 | 1 | TQ2 | E2 | | 28A | | |
| 01524 | | XA439 | 61 | | XA439 | 64 | | | 16B | 9 | | | SPIO11 | 22 | TRDCC0 | 01 | 2 | TQ2 | E4 | | 32B | | |
| 04300 | | XA439 | 62 | | XA426 | 69 | | | 16B | 9 | | | TEB4RO | 01 | TEB4RA | 01 | 1 | TQ2 | E2 | | 29A | | B08 |
| 05031 | | XA439 | 63 | | | | | | | | | | TRDCC0 | 03 | TRDCC0 | 00 | 1 | TQ2 | E4 | | 33B | | |
| 01525 | | XA439 | 64 | | XA439 | 70 | | | 16B | 9 | | | SPIO11 | 23 | TEB4RA | 01 | 2 | TQ2 | E2 | | 30A | | |
| 07510 | | XA439 | 65 | | XA437 | 52 | | | 16B | 9 | | | TXROCS | 08 | TXAD0A | 01 | 1 | TQ2 | F3 | | 34B | | |
| 07114 | | XA439 | 66 | | | | | | | | | | TXDEVA | 06 | TXDEVA | 00 | 1 | TQ2 | E1 | | 31A | * | |
| 00799 | | XA439 | 67 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 40A | | |
| 07597 | | XA439 | 68 | | XA431 | 77 | | | 16B | 9 | | | TXR3CS | 04 | TXDEVA | 01 | 1 | TQ2 | E1 | | 32A | | |
| 06829 | | XA439 | 69 | | XA441 | 53 | | | 16B | 9 | | | TXAD0A | 01 | TXAD0A | 00 | 1 | TQ2 | F3 | | 35A | ADDRESS 0 DECODE | |
| 01526 | | XA439 | 70 | | XA440 | 70 | | | 16B | 9 | | | SPIO11 | 24 | TXDEVA | 01 | 2 | TQ2 | E1 | | 33A | | |
| 07673 | | XA439 | 71 | | | | | | | | | | TXST2A | 02 | TXST2A | 01 | 1 | TQ2 | F2 | | 36A | | |
| 07671 | | XA439 | 72 | | | | | | | | | | TXST2A | 02 | TXST2A | 00 | 1 | TQ2 | F2 | | 34A | | |
| 01528 | | XA439 | 73 | | XA437 | 68 | | | 16B | 9 | | | SPIO11 | 26 | TXST2A | 01 | 2 | TQ2 | F2 | | 36B | | |
| 06821 | | XA439 | 74 | | XA441 | 59 | | | 16B | 9 | | | TXADE04 | 01 | TXAD0A | 01 | 2 | TQ2 | F3 | | 35B | | |
| 07666 | | XA439 | 75 | | XA437 | 14 | | | 16B | 9 | | | TXST1A | 02 | TXST1A | 00 | 1 | TQ2 | E1 | | 37B | | |
| 07568 | | XA439 | 76 | | XA438 | 05 | | | 16B | 9 | | | TXR1CS | 08 | TXAD1A | 01 | 1 | TQ2 | F4 | | 37A | | |
| 07668 | | XA439 | 77 | | XA435 | 78 | | | 16B | 9 | | | TXST1Q | 01 | TXST1A | 01 | 1 | TQ2 | F1 | | 38B | | |
| 06820 | | XA439 | 78 | | | | | | | | | | TXADE30 | 04 | TXAD1A | 01 | 2 | TQ2 | F4 | | 39A | | |
| 07068 | | XA439 | 79 | | XA432 | 25 | | | 16B | 9 | | | TXCP30 | 04 | TXST1A | 01 | 2 | TQ2 | F1 | | 39B | | |
| 06832 | | XA439 | 80 | | | | | | | | | | TXAD1A | 02 | TXAD1A | 00 | 1 | TQ2 | F4 | | 39A | ADDRESS 1 DECODE | |
| 07555 | | XA440 | 01 | | XA437 | 04 | | | 16B | 9 | | | TXR1CR | 02 | TXR1CR | 00 | 1 | TQ2 | A2 | | 02B | | |
| 00800 | | XA440 | 02 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01A | | |
| 07586 | | XA440 | 03 | | XA441 | 09 | | | 16B | 9 | | | TXR2CS | 08 | TXR2CR | 01 | 1 | TQ2 | A3 | | 02A | | |
| 07570 | | XA440 | 04 | | XA441 | 01 | | | 16B | 9 | | | TXR1CS | 10 | TXR1CR | 01 | 1 | TQ2 | A2 | | 04A | | |
| 07369 | | XA440 | 05 | | XA440 | 10 | | | 16B | 9 | | | TXRRSA | 11 | TXR1CR | 01 | 2 | TQ2 | A2 | | 03B | | |
| 07498 | | XA440 | 06 | | XA437 | 01 | | | 16B | 9 | | | TXROCR | 02 | TXROCR | 00 | 1 | TQ2 | A1 | | 05A | | |
| 07368 | | XA440 | 07 | | XA440 | 05 | | | 16B | 9 | | | TXRRSA | 10 | TXR2CR | 01 | 2 | TQ2 | A3 | | 03A | | |
| 07513 | | XA440 | 08 | | XA441 | 06 | | | 16B | 9 | | | TXROCS | 11 | TXROCR | 01 | 1 | TQ2 | A1 | | 06A | | |
| 07573 | | XA440 | 09 | | XA437 | 05 | | | 16B | 9 | | | TXR2CR | 02 | TXR2CR | 00 | 1 | TQ2 | A3 | | 04B | | |
| 07370 | | XA440 | 10 | | | | | | | | | | TXRRSA | 12 | TXROCR | 01 | 2 | TQ2 | A1 | | 07A | | |
| 07595 | | XA440 | 11 | | XA441 | 15 | | | 16B | 9 | | | TXR3CS | 02 | TXR3CR | 01 | 1 | TQ2 | A4 | | 05B | | |
| CONNECTOR XA440 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1340

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA440
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 326

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|------|--------|-----------|-----|------|-------------|------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|-------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH C | PREFIX | CONNECTOR | PIN | SH C | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 00131 | | XA440 | 12 | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 07367 | | XA440 | 13 | | XA440 | 07 | | | | 16B | 9 | TXRRSA | 09 | TXR3CR | 01 | 2 | TQ2 | A4 | | 06B | | |
| 07618 | | XA440 | 14 | | XA437 | 08 | | | | 16B | 9 | TXR5CR | 02 | TXR5CR | 00 | 1 | TQ2 | B2 | | 09A | | |
| 07592 | | XA440 | 15 | | XA441 | 11 | | | | 16B | 9 | TXR3CR | 05 | TXR3CR | 00 | 1 | TQ2 | A4 | | 07B | | |
| 00801 | | XA440 | 16 | | | | | | | | | GND | 01 | | | | TQ2 | | | 01B | | |
| 07633 | | XA440 | 17 | | XA438 | 06 | | | | 16B | 9 | TXR6CS | 02 | TXR6CR | 01 | 1 | TQ2 | B3 | | 08B | | |
| 07627 | | XA440 | 18 | | XA441 | 14 | | | | 16B | 9 | TXR5CS | 08 | TXR5CR | 01 | 1 | TQ2 | B2 | | 10A | | |
| 07366 | | XA440 | 19 | | XA440 | 13 | | | | 16B | 9 | TXRRSA | 08 | TXR6CR | 01 | 2 | TQ2 | B3 | | 09B | | |
| 07365 | | XA440 | 20 | | XA440 | 19 | | | | 16B | 9 | TXRRSA | 07 | TXR5CR | 01 | 2 | TQ2 | B2 | | 11A | | |
| 07630 | | XA440 | 21 | | XA437 | 10 | | | | 16B | 9 | TXR6CR | 02 | TXR6CR | 00 | 1 | TQ2 | B3 | | 10B | | |
| 07605 | | XA440 | 22 | | XA437 | 07 | | | | 16B | 9 | TXR4CR | 02 | TXR4CR | 00 | 1 | TQ2 | B1 | | 12A | | |
| 07651 | | XA440 | 23 | | XA441 | 27 | | | | 16B | 9 | TXR7CS | 08 | TXR7CR | 01 | 1 | TQ2 | B4 | | 11B | | |
| 07614 | | XA440 | 24 | | XA438 | 10 | | | | 16B | 9 | TXR4CS | 07 | TXR4CR | 01 | 1 | TQ2 | B1 | | 13A | | |
| 07363 | | XA440 | 25 | | XA440 | 26 | | | | 16B | 9 | TXRRSA | 05 | TXR7CR | 01 | 2 | TQ2 | B4 | | 12B | | |
| 07364 | | XA440 | 26 | | XA440 | 20 | | | | 16B | 9 | TXRRSA | 06 | TXR4CR | 01 | 2 | TQ2 | B1 | | 14A | | |
| 07642 | | XA440 | 27 | | XA437 | 13 | | | | 16B | 9 | TXR7CR | 02 | TXR7CR | 00 | 1 | TQ2 | B4 | | 13B | | |
| 00132 | | XA440 | 28 | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 07350 | | XA440 | 29 | | XA441 | 33 | | | | 16B | 9 | TXRENS | 02 | TXRENR | 01 | 1 | TQ2 | C3 | | 14B | | |
| 07338 | | XA440 | 30 | | XA433 | 37 | | | | 16B | 9 | TXRCMR | 02 | TXRCMR | 00 | 1 | TQ2 | C2 | | 15A | | |
| 07362 | | XA440 | 31 | | XA440 | 25 | | | | 16B | 9 | TXRRSA | 04 | TXRENR | 01 | 2 | TQ2 | C3 | | 15B | | |
| 00802 | | XA440 | 32 | | | | | | | | | GND | 01 | | | | TQ2 | | | 20B | | |
| 07346 | | XA440 | 33 | | XA433 | 38 | | | | 16B | 9 | TXRENR | 02 | TXRENR | 00 | 1 | TQ2 | C3 | | 16B | | |
| 07343 | | XA440 | 34 | | XA441 | 30 | | | | 16B | 9 | TXRCMS | 03 | TXRCMR | 01 | 1 | TQ2 | C2 | | 16A | | |
| 07765 | | XA440 | 35 | | | | | | | | | TXXA6A | 02 | TXRRSA | 01 | 1 | TQ2 | C4 | | 17B | | |
| 07361 | | XA440 | 36 | | XA440 | 31 | | | | 16B | 9 | TXRRSA | 03 | TXRCMR | 01 | 2 | TQ2 | C2 | | 17A | | |
| 07398 | | XA440 | 37 | | XA436 | 20 | | | | 16B | 9 | TXRSOB | 24 | TXRRSA | 01 | 2 | TQ2 | C4 | | 18B | | |
| 07353 | | XA440 | 38 | | XA433 | 40 | | | | 16B | 9 | TXRPCR | 02 | TXRPCR | 00 | 1 | TQ2 | C1 | | 18A | | |
| 07371 | | XA440 | 39 | | XA441 | 35 | | | | 16B | 9 | TXRRSA | 01 | TXRRSA | 00 | 1 | TQ2 | C4 | | 19B | | |
| 07357 | | XA440 | 40 | | XA441 | 38 | | | | 16B | 9 | TXRPCS | 03 | TXRPCR | 01 | 1 | TQ2 | C1 | | 19A | | |
| 07776 | | XA440 | 41 | | XA439 | 15 | | | | 16B | 9 | TXXB0A | 01 | TXXB00 | 01 | 1 | TQ2 | D3 | | 22B | | |
| 07360 | | XA440 | 42 | | XA440 | 36 | | | | 16B | 9 | TXRRSA | 02 | TXRPCR | 01 | 2 | TQ2 | C1 | | 20A | | |
| 01511 | | XA440 | 43 | | XA442 | 55 | | | | 16B | 9 | SPIO11 | 09 | TXXB00 | 01 | 2 | TQ2 | D3 | | 23B | | |
| 00803 | | XA440 | 44 | | | | | | | | | GND | 01 | | | | TQ2 | | | 21B | | |
| 07789 | | XA440 | 45 | | XA439 | 34 | | | | 16B | 9 | TXXB00 | 01 | TXXB00 | 00 | 1 | TQ2 | D3 | | 24B | | |
| 07753 | | XA440 | 46 | | XA431 | 25 | | | | 16B | 9 | TXXA50 | 01 | TXXA50 | 00 | 1 | TQ2 | D2 | | 21A | | |
| 07792 | | XA440 | 47 | | | | | | | | | TXXB1A | 02 | TXXB10 | 01 | 1 | TQ2 | D4 | | 25B | | |
| 07751 | | XA440 | 48 | | XA439 | 01 | | | | 16B | 9 | TXXA5A | 01 | TXXA50 | 01 | 1 | TQ2 | D2 | | 22A | | |
| 01515 | | XA440 | 49 | | XA439 | 50 | | | | 16B | 9 | SPIO11 | 13 | TXXB10 | 01 | 2 | TQ2 | D4 | | 26B | | |
| 01514 | | XA440 | 50 | | XA440 | 49 | | | | 16B | 9 | SPIO11 | 12 | TXXA50 | 01 | 2 | TQ2 | D2 | | 23A | | |
| 07803 | | XA440 | 51 | | | | | | | | | TXXR10 | 04 | TXXB10 | 00 | 1 | TQ2 | D4 | | 27B | | |
| 07750 | | XA440 | 52 | | | | | | | | | TXXA40 | 03 | TXXA40 | 00 | 1 | TQ2 | D1 | | 24A | | |
| 07829 | | XA440 | 53 | | | | | | | | | TXXB4A | 02 | TXXB40 | 01 | 1 | TQ2 | E3 | | 28B | | |
| 07746 | | XA440 | 54 | | XA439 | 06 | | | | 16B | 9 | TXXA4A | 01 | TXXA40 | 01 | 1 | TQ2 | D1 | | 25A | | |
| 01607 | | XA440 | 55 | | XA440 | 61 | | | | 16B | 9 | SPIO17 | 06 | TXXB40 | 01 | 2 | TQ2 | E3 | | 29B | | |
| 01513 | | XA440 | 56 | | XA440 | 50 | | | | 16B | 9 | SPIO11 | 11 | TXXA40 | 01 | 2 | TQ2 | D1 | | 26A | | |
| 07832 | | XA440 | 57 | | | | | | | | | TXXB40 | 03 | TXXB40 | 00 | 1 | TQ2 | E3 | | 30B | | |
| 00804 | | XA440 | 58 | | | | | | | | | GND | 01 | | | | TQ2 | | | 27A | | |
| 07835 | | XA440 | 59 | | | | | | | | | TXXB5A | 03 | TXXB50 | 01 | 1 | TQ2 | E4 | | 31B | | |
| 07827 | | XA440 | 60 | | | | | | | | | TXXB30 | 03 | TXXB30 | 00 | 1 | TQ2 | E2 | | 28A | | |
| 01608 | | XA440 | 61 | | XA441 | 61 | | | | 16B | 9 | SPIO17 | 07 | TXXB50 | 01 | 2 | TQ2 | E4 | | 32B | | |
| CONNECTOR XA440 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1341

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA440
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 327

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SVC TEST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|------|-------------|------|-------|---------------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SP | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 07824 | | XA440 | 62 | | | | | | | | | TXXB3A | 04 | TXXB30 | 01 | 1 | TQ2 | E2 | | 29A | | |
| 07837 | | XA440 | 63 | | | | | | | | | TXXB50 | 02 | TXXB50 | 00 | 1 | TQ2 | F4 | | 33B | | |
| 01610 | | XA440 | 64 | | XA442 | 63 | | | 16B | 9 | | SPI017 | 09 | TXXB30 | 01 | 2 | TQ2 | E2 | | 30A | | |
| 06865 | | XA440 | 65 | | | | | | | | | TXARQA | 02 | TXARQ0 | 01 | 1 | TQ2 | F3 | | 34B | | |
| 07820 | | XA440 | 66 | | | | | | | | | TXXB20 | 06 | TXXB20 | 00 | 1 | TQ2 | E1 | | 31A | | |
| 00805 | | XA440 | 67 | | | | | | | | | GND | 01 | | | | | | | 40A | | |
| 07805 | | XA440 | 68 | | XA439 | 14 | | | 16B | 9 | | TXXB2A | 02 | TXXB20 | 01 | 1 | TQ2 | E1 | | 32A | | |
| 06868 | | XA440 | 69 | | | | | | | | | TXARQ0 | 03 | TXARQ0 | 00 | 1 | TQ2 | F3 | | 35A | | |
| 01527 | | XA440 | 70 | | XA439 | 73 | | | 16B | 9 | | SPI011 | 25 | TXXB20 | 01 | 2 | TQ2 | E1 | | 33A | | |
| 06987 | | XA440 | 71 | | XA441 | 62 | | | 16B | 9 | | TXBSLOX | 04 | TXBIEA | 01 | 1 | TQ2 | F2 | | 36A | | |
| 06954 | | XA440 | 72 | | XA441 | 76 | | | 16B | 9 | | TXBIEA | 02 | TXBIEA | 00 | 1 | TQ2 | F2 | | 34A | PORT B INPUT ENAB | |
| 07914 | | XA440 | 73 | | XA432 | 06 | | | 16B | 9 | | TXXDRA | 02 | TXBIEA | 01 | 2 | TQ2 | F2 | | 36B | | |
| 01616 | | XA440 | 74 | | XA441 | 73 | | | 16B | 9 | | SPI017 | 15 | TXARQ0 | 01 | 2 | TQ2 | F3 | | 35B | | |
| 06841 | | XA440 | 75 | | XA441 | 77 | | | 16B | 9 | | TXAIEA | 01 | TXAIEA | 00 | 1 | TQ2 | F1 | | 37B | PORT A INPUT ENAB | |
| 06973 | | XA440 | 76 | | | | | | | | | TXBRQA | 02 | TXBRQ0 | 01 | 1 | TQ2 | F4 | | 37A | | |
| 06879 | | XA440 | 77 | | XA441 | 68 | | | 16B | 9 | | TXASLOX | 04 | TXAIEA | 01 | 1 | TQ2 | F1 | | 38B | | |
| 01615 | | XA440 | 78 | | XA440 | 74 | | | 16B | 9 | | SPI017 | 14 | TXBRQ0 | 01 | 2 | TQ2 | F4 | | 38A | | |
| 07913 | | XA440 | 79 | | XA440 | 73 | | | 16B | 9 | | TXXDRA | 01 | TXAIEA | 01 | 2 | TQ2 | F1 | | 39B | | |
| 06976 | | XA440 | 80 | | | | | | | | | TXBRQ0 | 03 | TXBRQ0 | 00 | 1 | TQ2 | F4 | | 39A | | |
| 07571 | | XA441 | 01 | | | | | | | | | TXR1CS | 11 | TXR1CS | 00 | 1 | TQ2 | A2 | | 02B | I/O INPUT REG DAT | |
| 00806 | | XA441 | 02 | | | | | | | | | GND | 01 | | | | | | | 01A | | |
| 07572 | | XA441 | 03 | | XA440 | 09 | | | 16B | 9 | | TXR2CR | 01 | TXR2CS | 01 | 1 | TQ2 | A3 | | 02A | | |
| 07554 | | XA441 | 04 | | XA440 | 01 | | | 16B | 9 | | TXR1CR | 01 | TXR1CS | 01 | 1 | TQ2 | A2 | | 04A | | |
| 06896 | | XA441 | 05 | | XA442 | 10 | | | 16B | 9 | | TXA1CB4 | 01 | TXR1CS | 01 | 2 | TQ2 | A2 | | 03B | | |
| 07514 | | XA441 | 06 | | | | | | | | | TXR0CS | 12 | TXR0CS | 00 | 1 | TQ2 | A1 | | 05A | I/O INPUT REG DAT | |
| 06903 | | XA441 | 07 | | XA442 | 05 | | | 16B | 9 | | TXA2CB4 | 01 | TXR2CS | 01 | 2 | TQ2 | A3 | | 03A | | |
| 07497 | | XA441 | 08 | | XA440 | 06 | | | 16B | 9 | | TXR0CR | 01 | TXR0CS | 01 | 1 | TQ2 | A1 | | 06A | | |
| 07587 | | XA441 | 09 | | | | | | | | | TXR2CS | 09 | TXR2CS | 00 | 1 | TQ2 | A3 | | 04B | I/O INPUT REG DAT | |
| 06888 | | XA441 | 10 | | | | | | | | | TXA0CB4 | 04 | TXR0CS | 01 | 2 | TQ2 | A1 | | 07A | | |
| 07593 | | XA441 | 11 | | | | | | | | | TXR3CR | 06 | TXR3CS | 01 | 1 | TQ2 | A4 | | 05B | | |
| 00133 | | XA441 | 12 | | | | | | | | | +5V | 01 | | | | | | | | | |
| 06912 | | XA441 | 13 | | XA442 | 07 | | | 16B | 9 | | TXA3CB4 | 03 | TXR3CS | 01 | 2 | TQ2 | A4 | | 06B | | |
| 07628 | | XA441 | 14 | | | | | | | | | TXR5CS | 09 | TXR5CS | 00 | 1 | TQ2 | B2 | | 09A | I/O INPUT REG DAT | |
| 07596 | | XA441 | 15 | | XA439 | 68 | | | 16B | 9 | | TXR3CS | 03 | TXR3CS | 00 | 1 | TQ2 | A4 | | 07B | I/O INPUT REG DAT | |
| 00807 | | XA441 | 16 | | | | | | | | | GND | 01 | | | | | | | 01B | | |
| 07629 | | XA441 | 17 | | XA440 | 21 | | | 16B | 9 | | TXR6CR | 01 | TXR6CS | 01 | 1 | TQ2 | B3 | | 08B | | |
| 07617 | | XA441 | 18 | | XA440 | 14 | | | 16B | 9 | | TXR5CR | 01 | TXR5CS | 01 | 1 | TQ2 | B2 | | 10A | | |
| 06931 | | XA441 | 19 | | XA442 | 26 | | | 16B | 9 | | TXA6CB4 | 01 | TXR6CS | 01 | 2 | TQ2 | B3 | | 09B | | |
| 06924 | | XA441 | 20 | | XA442 | 20 | | | 16B | 9 | | TXA5CB4 | 01 | TXR5CS | 01 | 2 | TQ2 | B2 | | 11A | | |
| 07632 | | XA441 | 21 | | XA440 | 17 | | | 16B | 9 | | TXR6CS | 01 | TXR6CS | 00 | 1 | TQ2 | B3 | | 10B | I/O INPUT REG DAT | |
| 07613 | | XA441 | 22 | | XA440 | 24 | | | 16B | 9 | | TXR4CS | 06 | TXR4CS | 00 | 1 | TQ2 | B1 | | 12A | I/O INPUT REG DAT | |
| 07641 | | XA441 | 23 | | XA440 | 27 | | | 16B | 9 | | TXR7CR | 01 | TXR7CS | 01 | 1 | TQ2 | B4 | | 11B | | |
| 07604 | | XA441 | 24 | | XA440 | 22 | | | 16B | 9 | | TXR4CR | 01 | TXR4CS | 01 | 1 | TQ2 | B1 | | 13A | | |
| 06941 | | XA441 | 25 | | | | | | | | | TXA7CB4 | 04 | TXR7CS | 01 | 2 | TQ2 | B4 | | 12B | | |
| 06919 | | XA441 | 26 | | XA442 | 09 | | | 16B | 9 | | TXA4CB4 | 03 | TXR4CS | 01 | 2 | TQ2 | B1 | | 14A | | |
| 07652 | | XA441 | 27 | | | | | | | | | TXR7CS | 09 | TXR7CS | 00 | 1 | TQ2 | B4 | | 13B | I/O INPUT REG DAT | |
| 00134 | | XA441 | 28 | | | | | | | | | +5V | 01 | | | | | | | | | |
| 07345 | | XA441 | 29 | | XA440 | 33 | | | 16B | 9 | | TXREN | 01 | TXRENS | 01 | 1 | TQ2 | C3 | | 14B | | |
| CONNECTOR (XA441) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1342

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA441
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 328

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CNIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|------|--------|-----------|-----|------|-------------|------|-------|-------|----------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SHFE | PREFIX | CONNECTOR | PIN | SHFE | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 06965 | | XA441 | 80 | | XA443 | 40 | | | 168 | 9 | | | TXBIF0 | 01 | TXBIF0 | 00 | 1 | TQ2 | F4 | | 39A | | |
| 00356 | | XA442 | 01 | | | | | | | | | | DNW | 01 | | | | RR4 | | | | | |
| 00812 | | XA442 | 02 | | | | | | | | | | GND | 01 | | | | RR4 | | | | | |
| 65034 | | XA442 | 02 | | | | | | | | | | G44202 | 25 | | | | RR4 | | | | | |
| 00047 | | XA442 | 03 | | XA442 | 04 | | | 168 | 9 | | | +05RES | 47 | | | | RR4 | AP | | | A03 | |
| 00048 | | XA442 | 04 | | XA544 | 03 | | | 168 | 9 | | | +05RES | 48 | | | | RR4 | AP | | | | |
| 06904 | | XA442 | 05 | | XA443 | 09 | | | 168 | 9 | | | TXA2CB4 | 02 | | | | RR4 | | | | | |
| 01183 | | XA442 | 06 | | XA442 | 02 | | | 168 | 9 | | | G44202 | 24 | | | | RR4 | A3 | | | | |
| 06913 | | XA442 | 07 | | | | | | | | | | | | | | | RR4 | AC | | | A03 | |
| 06887 | | XA442 | 08 | | XA441 | 10 | | | 168 | 9 | | | TXA3CB4 | 04 | | | | RR4 | A4 | | | | |
| 06920 | | XA442 | 09 | | | | | | | | | | TXA4CB4 | 04 | | | | RR4 | A5 | | | | |
| 06897 | | XA442 | 10 | | XA443 | 01 | | | 168 | 9 | | | TXA1CB4 | 02 | | | | RR4 | A2 | | | | |
| 00357 | | XA442 | 11 | | | | | | | | | | DNW | 01 | | | | RR4 | | | | | |
| 00135 | | XA442 | 12 | | | | | | | | | | +5V | 01 | | | | RR4 | | | | | |
| 00046 | | XA442 | 13 | | XA442 | 03 | | | 168 | 9 | | | +05RES | 46 | | | | RR4 | BP | | | | |
| 00045 | | XA442 | 14 | | XA442 | 13 | | | 168 | 9 | | | +05RES | 45 | | | | RR4 | BP | | | | |
| 01184 | | XA442 | 15 | | | | | | | | | | DNW | 01 | | | | RR4 | | | | | |
| 01185 | | XA442 | 16 | | | | | | | | | | DNW | 01 | | | | RR4 | | | | | |
| 06860 | | XA442 | 17 | | | | | | | | | | TXAPCB4 | 04 | | | | RR4 | B4 | | | | |
| 01182 | | XA442 | 18 | | XA442 | 06 | | | 168 | 9 | | | G44202 | 23 | | | | RR4 | BC | | | A03 | |
| 06812 | | XA442 | 19 | | | | | | | | | | TXACMB4 | 04 | | | | RR4 | B5 | | | | |
| 06925 | | XA442 | 20 | | XA443 | 14 | | | 168 | 9 | | | TXA5CB4 | 02 | | | | RR4 | B1 | | | | |
| 00043 | | XA442 | 21 | | XA442 | 22 | | | 168 | 9 | | | +05RES | 43 | | | | RR4 | CP | | | | |
| 00044 | | XA442 | 22 | | XA442 | 14 | | | 168 | 9 | | | +05RES | 44 | | | | RR4 | CP | | | | |
| 07314 | | XA442 | 23 | | XA348 | 07 | | | 168 | 9 | | | TXPRS84 | 00 | | | | RR4 | C3 | | | A03 | |
| 06940 | | XA442 | 24 | | XA441 | 25 | | | 168 | 9 | | | TXA7CB4 | 03 | | | | RR4 | B3 | | | | |
| 06875 | | XA442 | 25 | | XA348 | 10 | | | 168 | 9 | | | TXASLB4 | 00 | | | | RR4 | C4 | | | A03 | |
| 06932 | | XA442 | 26 | | XA443 | 21 | | | 168 | 9 | | | TXA6CB4 | 02 | | | | RR4 | B2 | | | | |
| 00358 | | XA442 | 27 | | | | | | | | | | DNW | 01 | | | | RR4 | | | | | |
| 00136 | | XA442 | 28 | | | | | | | | | | +5V | 01 | | | | RR4 | | | | | |
| 06983 | | XA442 | 29 | | XA348 | 15 | | | 168 | 9 | | | TXBSLB4 | 00 | | | | RR4 | C5 | | | A03 | |
| 01181 | | XA442 | 30 | | XA442 | 18 | | | 168 | 9 | | | G44202 | 22 | | | | RR4 | CC | | | A03 | |
| 00359 | | XA442 | 31 | | | | | | | | | | DNW | 01 | | | | RR4 | | | | | |
| 00813 | | XA442 | 32 | | | | | | | | | | GND | 01 | | | | RR4 | | | | | |
| 65033 | | XA442 | 32 | | XA442 | 40 | | | 168 | 9 | | | G44202 | 20 | | | | RR4 | | | | A03 | |
| 00042 | | XA442 | 33 | | XA442 | 21 | | | 168 | 9 | | | +05RES | 42 | | | | RR4 | DP | | | | |
| 00041 | | XA442 | 34 | | XA442 | 33 | | | 168 | 9 | | | +05RES | 41 | | | | RR4 | DP | | | | |
| 01241 | | XA442 | 35 | | | | | | | | | | SPI001 | 34 | | | | RR4 | D3 | | | | |
| 06834 | | XA442 | 36 | | XA443 | 33 | | | 168 | 9 | | | TXAENB4 | 02 | | | | RR4 | C1 | | | | |
| 01265 | | XA442 | 37 | | | | | | | | | | SPI002 | 24 | | | | RR4 | D4 | | | | |
| 04770 | | XA442 | 38 | | XA539 | 22 | | | 168 | 9 | | | SPI031 | 01 | | | | RR4 | C2 | | | B05 | |
| 01274 | | XA442 | 39 | | XA438 | 60 | | | 168 | 9 | | | SPI003 | 09 | | | | RR4 | D5 | | | | |
| 01180 | | XA442 | 40 | | XA442 | 30 | | | 168 | 9 | | | G44202 | 21 | | | | RR4 | DC | | | A03 | |
| 01428 | | XA442 | 41 | | XA436 | 06 | | | 168 | 9 | | | SPI008 | 03 | | | | RR4 | E5 | | | | |
| 06883 | | XA442 | 42 | | XA445 | 80 | | | 168 | 9 | | | TXASTDX4 | 01 | | | | RR4 | D1 | | | | |
| 00360 | | XA442 | 43 | | | | | | | | | | DNW | 01 | | | | RR4 | | | | | |
| 00814 | | XA442 | 44 | | | | | | | | | | GND | 01 | | | | RR4 | | | | | |
| 65036 | | XA442 | 44 | | | | | | | | | | G44244 | 21 | | | | RR4 | | | | A03 | |
| CONNECTOR XA442 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1343

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA441
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 329

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SFC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CKIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------------|------|-------|-------|---------------|----------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | |
| 06965 | | XA441 | 80 | | XA443 | 40 | | 16B | 9 | | | TXBIF0 | 01 | TXBIF0 | 00 | 1 | TQ2 | F4 | | 39A | | |
| 00356 | | XA442 | 01 | | | | | | | | | DNW | 01 | | | | RR4 | | | | | |
| 00812 | | XA442 | 02 | | | | | | | | | GND | 01 | | | | RR4 | | | | | |
| 65034 | | XA442 | 02 | | | | | | | | | G44202 | 25 | | | | RR4 | | | | | |
| 00047 | | XA442 | 03 | | XA442 | 04 | | 16B | 9 | | | +05RES | 47 | | | | RR4 | AP | | | | A03 |
| 00048 | | XA442 | 04 | | XA544 | 03 | | 16B | 9 | | | +05RES | 48 | | | | RR4 | AP | | | | |
| 06904 | | XA442 | 05 | | XA443 | 09 | | 16B | 9 | | | TXA2CB4 | 02 | | | | RR4 | A3 | | | | |
| 01183 | | XA442 | 06 | | XA442 | 02 | | 16B | 9 | | | G44202 | 24 | | | | RR4 | AC | | | | A03 |
| 06913 | | XA442 | 07 | | | | | | | | | TXA3CB4 | 04 | | | | RR4 | A4 | | | | |
| 06887 | | XA442 | 08 | | XA441 | 10 | | 16B | 9 | | | TXA0CB4 | 03 | | | | RR4 | A1 | | | | |
| 06920 | | XA442 | 09 | | | | | | | | | TXA4CB4 | 04 | | | | RR4 | A5 | | | | |
| 06897 | | XA442 | 10 | | XA443 | 01 | | 16B | 9 | | | TXA1CB4 | 02 | | | | RR4 | A2 | | | | |
| 00357 | | XA442 | 11 | | | | | | | | | DNW | 01 | | | | RR4 | | | | | |
| 00135 | | XA442 | 12 | | | | | | | | | +5V | 01 | | | | RR4 | | | | | |
| 00046 | | XA442 | 13 | | XA442 | 03 | | 16B | 9 | | | +05RES | 46 | | | | RR4 | BP | | | | |
| 00045 | | XA442 | 14 | | XA442 | 13 | | 16B | 9 | | | +05RES | 45 | | | | RR4 | BP | | | | |
| 01184 | | XA442 | 15 | | | | | | | | | DNW | 01 | | | | RR4 | | | | KEYWAY | A06 |
| 01185 | | XA442 | 16 | | | | | | | | | DNW | 01 | | | | RR4 | | | | KEYWAY | A06 |
| 06860 | | XA442 | 17 | | | | | | | | | TXAPCB4 | 04 | | | | RR4 | B4 | | | | |
| 01182 | | XA442 | 18 | | XA442 | 06 | | 16B | 9 | | | G44202 | 23 | | | | RR4 | BC | | | | A03 |
| 06812 | | XA442 | 19 | | | | | | | | | TXACMB4 | 04 | | | | RR4 | B5 | | | | |
| 06925 | | XA442 | 20 | | XA443 | 14 | | 16B | 9 | | | TXA5CB4 | 02 | | | | RR4 | B1 | | | | |
| 00043 | | XA442 | 21 | | XA442 | 22 | | 16B | 9 | | | +05RES | 43 | | | | RR4 | CP | | | | |
| 00044 | | XA442 | 22 | | XA442 | 14 | | 16B | 9 | | | +05RES | 44 | | | | RR4 | CP | | | | |
| 07314 | | XA442 | 23 | | XA348 | 07 | | 16B | 9 | | | TXPRSB4 | 00 | | | | RR4 | C3 | | | | A03 |
| 06940 | | XA442 | 24 | | XA441 | 25 | | 16B | 9 | | | TXA7CB4 | 03 | | | | RR4 | B3 | | | | |
| 06875 | | XA442 | 25 | | XA348 | 10 | | 16B | 9 | | | TXASLB4 | 00 | | | | RR4 | C4 | | | | A03 |
| 06932 | | XA442 | 26 | | XA443 | 21 | | 16B | 9 | | | TXA6CB4 | 02 | | | | RR4 | B2 | | | | |
| 00358 | | XA442 | 27 | | | | | | | | | DNW | 01 | | | | RR4 | | | | | |
| 00136 | | XA442 | 28 | | | | | | | | | +5V | 01 | | | | RR4 | | | | | |
| 06983 | | XA442 | 29 | | XA348 | 15 | | 16B | 9 | | | TXBSLB4 | 00 | | | | RR4 | C5 | | | | A03 |
| 01181 | | XA442 | 30 | | XA442 | 18 | | 16B | 9 | | | G44202 | 22 | | | | RR4 | CC | | | | A03 |
| 00359 | | XA442 | 31 | | | | | | | | | DNW | 01 | | | | RR4 | | | | | |
| 00813 | | XA442 | 32 | | | | | | | | | GND | 01 | | | | RR4 | | | | | |
| 65033 | | XA442 | 32 | | XA442 | 40 | | 16B | 9 | | | G44202 | 20 | | | | RR4 | | | | | A03 |
| 00042 | | XA442 | 33 | | XA442 | 21 | | 16B | 9 | | | +05RES | 42 | | | | RR4 | DP | | | | |
| 00041 | | XA442 | 34 | | XA442 | 33 | | 16B | 9 | | | +05RES | 41 | | | | RR4 | DP | | | | |
| 01241 | | XA442 | 35 | | | | | | | | | SPI001 | 34 | | | | RR4 | D3 | | | | |
| 06834 | | XA442 | 36 | | XA443 | 33 | | 16B | 9 | | | TXAENB4 | 02 | | | | RR4 | C1 | | | | |
| 01265 | | XA442 | 37 | | | | | | | | | SPI002 | 24 | | | | RR4 | D4 | | | | |
| 04770 | | XA442 | 38 | | XA539 | 22 | | 16B | 9 | | | SPI031 | 01 | | | | RR4 | C2 | | | | B05 |
| 01274 | | XA442 | 39 | | XA438 | 60 | | 16B | 9 | | | SPI003 | 09 | | | | RR4 | D5 | | | | |
| 01180 | | XA442 | 40 | | XA442 | 30 | | 16B | 9 | | | G44202 | 21 | | | | RR4 | DC | | | | A03 |
| 01428 | | XA442 | 41 | | XA436 | 06 | | 16B | 9 | | | SPI008 | 03 | | | | RR4 | E5 | | | | |
| 06883 | | XA442 | 42 | | XA445 | 80 | | 16B | 9 | | | TXASTDX4 | 01 | | | | RR4 | D1 | | | | |
| 00360 | | XA442 | 43 | | | | | | | | | DNW | 01 | | | | RR4 | | | | | |
| 00814 | | XA442 | 44 | | | | | | | | | GND | 01 | | | | RR4 | | | | | |
| 65036 | | XA442 | 44 | | | | | | | | | G44244 | 21 | | | | RR4 | | | | | A03 |
| CONNECTOR (XA442) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA442
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 330

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SPEC INET MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|---------------------------------|-----|-------|--------|-----------|------|-------|-------------|------|----------------|----------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FC | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | | | | | | | | | | | | |
| 01390 | XA442 | 45 | | | XA428 | 42 | | | 168 | 9 | | SPI007 | 01 | | | | RR4 | E4 | | | | |
| 06991 | XA442 | 46 | | | XA445 | 61 | | | 168 | 9 | | TXBSTDX4 | 01 | | | | RR4 | D2 | | | | |
| 01355 | XA442 | 47 | | | XA434 | 41 | | | 168 | 9 | | SPI006 | 01 | | | | RR4 | E3 | | | | A03 |
| 01354 | XA442 | 48 | | | | | | | | | | SPI005 | 26 | | | | RR4 | E2 | | | | A03 |
| 00039 | XA442 | 49 | | | XA442 | 50 | | | 168 | 9 | | +05RES | 39 | | | | RR4 | EP | | | | |
| 00040 | XA442 | 50 | | | XA442 | 34 | | | 168 | 9 | | +05RES | 40 | | | | RR4 | EP | | | | |
| 01571 | XA442 | 51 | | | XA446 | 74 | | | 168 | 9 | | SPI013 | 02 | | | | RR4 | F5 | | | | |
| 01330 | XA442 | 52 | | | | | | | | | | SPI004 | 32 | | | | RR4 | E1 | | | | A03 |
| 01554 | XA442 | 53 | | | XA443 | 54 | | | 168 | 9 | | SPI012 | 16 | | | | RR4 | F4 | | | | |
| 01179 | XA442 | 54 | | | XA442 | 44 | | | 168 | 9 | | G44244 | 20 | | | | RR4 | EC | | | | A03 |
| 01512 | XA442 | 55 | | | XA440 | 56 | | | 168 | 9 | | SPI011 | 10 | | | | RR4 | F3 | | | | |
| 01468 | XA442 | 56 | | | XA432 | 10 | | | 168 | 9 | | SPI010 | 01 | | | | RR4 | F2 | | | | |
| 01186 | XA442 | 57 | | | | | | | | | | DNW | 01 | | | | RR4 | | | | KEYWAY | A06 |
| 01187 | XA442 | 58 | | | | | | | | | | DNW | 01 | | | | RR4 | | | | KEYWAY | A06 |
| 00038 | XA442 | 59 | | | XA442 | 49 | | | 168 | 9 | | +05RES | 38 | | | | RR4 | FP | | | | |
| 00037 | XA442 | 60 | | | XA442 | 59 | | | 168 | 9 | | +05RES | 37 | | | | RR4 | FP | | | | |
| 01664 | XA442 | 61 | | | XA445 | 71 | | | 168 | 9 | | SPI018 | 32 | | | | RR4 | G5 | | | | |
| 01461 | XA442 | 62 | | | XA438 | 49 | | | 168 | 9 | | SPI009 | 01 | | | | RR4 | F1 | | | | |
| 01611 | XA442 | 63 | | | XA441 | 64 | | | 168 | 9 | | SPI017 | 10 | | | | RR4 | G4 | | | | |
| 01178 | XA442 | 64 | | | XA442 | 54 | | | 168 | 9 | | G44244 | 19 | | | | RR4 | FC | | | | A03 |
| 01601 | XA442 | 65 | | | XA410 | 64 | | | 168 | 9 | | SPI0153 | 09 | | | | RR4 | G3 | | | | C03 |
| 01598 | XA442 | 66 | | | XA438 | 46 | | | 168 | 9 | | SPI015 | 12 | | | | RR4 | G2 | | | | |
| 00815 | XA442 | 67 | | | | | | | | | | GND | 01 | | | | RR4 | | | | | |
| 65035 | XA442 | 67 | | | XA442 | 77 | | | 168 | 9 | | G44244 | 16 | | | | RR4 | | | | | A03 |
| 00361 | XA442 | 68 | | | | | | | | | | DNW | 01 | | | | RR4 | | | | | |
| 00035 | XA442 | 69 | | | XA442 | 70 | | | 168 | 9 | | +05RES | 35F | | | | RR4 | GP | | | | |
| 00036 | XA442 | 70 | | | XA442 | 60 | | | 168 | 9 | | +05RES | 36 | | | | RR4 | GP | | | | |
| 01829 | XA442 | 71 | | | | | | | | | | SPI023 | 25 | | | | RR4 | H5 | | | | |
| 01583 | XA442 | 72 | | | XA438 | 51 | | | 168 | 9 | | SPI014 | 01 | | | | RR4 | G1 | | | | |
| 01770 | XA442 | 73 | | | XA516 | 71 | | | 168 | 9 | | SPI022 | 01 | | | | RR4 | H4 | | | | |
| 01177 | XA442 | 74 | | | XA442 | 64 | | | 168 | 9 | | G44244 | 18 | | | | RR4 | GC | | | | A03 |
| 01769 | XA442 | 75 | | | | | | | | | | SPI021 | 34 | | | | RR4 | H3 | | | | |
| 01735 | XA442 | 76 | | | | | | | | | | SPI020 | 36 | | | | RR4 | H2 | | | | |
| 01176 | XA442 | 77 | | | XA442 | 74 | | | 168 | 9 | | G44244 | 17 | | | | RR4 | HC | | | | A03 |
| 01699 | XA442 | 78 | | | | | | | | | | SPI019 | 33 | | | | RR4 | H1 | | | | |
| 00034 | XA442 | 79 | | | XA442 | 69 | | | 168 | 9 | | +05RES | 35 | | | | RR4 | HP | | | | |
| 00033 | XA442 | 80 | | | XA442 | 79 | | | 168 | 9 | | +05RES | 34W | | | | RR4 | HP | | | | |
| 06898 | XA443 | 01 | | | XA444 | 01 | | | 168 | 9 | | P TXB1CD | 03 | TXA1CB4 | 02 | 1 | TLD | A2 | | 02B | | |
| 07000 | XA443 | 01 | | | | | | | | | J | TXB1CD | 01 | TXB1CD | 00 | 1 | TLD | A2 | | 02B | TXA1CB4 | BUSS |
| 00816 | XA443 | 02 | | | | | | | | | | GND | 01 | | | | TLD | | | 01A | | |
| 06962 | XA443 | 03 | | | XA443 | 04 | | | 168 | 9 | | TXB1E0 | 07 | TXB2CD | 01 | 1 | TLD | A3 | | 02A | | |
| 06963 | XA443 | 04 | | | XA443 | 08 | | | 168 | 9 | | TXB1E0 | 08 | TXB1CD | 01 | 1 | TLD | A2 | | 04A | | |
| 07001 | XA443 | 05 | | | XA445 | 15 | | | 168 | 9 | | TXB1COX | 01 | TXB1CD | 01 | 2 | TLD | A2 | | 03B | | |
| 06886 | XA443 | 06 | | | XA442 | 08 | | | 168 | 9 | | P TXB0CD | 02 | TXA0CB4 | 02 | 1 | TLD | A1 | | 05A | | |
| 06993 | XA443 | 06 | | | | | | | | | J | TXB0CD | 01 | TXB0CD | 00 | 1 | TLD | A1 | | 05A | TXA0CB4 | BUSS |
| 07004 | XA443 | 07 | | | XA445 | 10 | | | 168 | 9 | | TXB2CD | 01 | TXB2CD | 01 | 2 | TLD | A3 | | 03A | | |
| 06964 | XA443 | 08 | | | | | | | | | | TXB1E0 | 09 | TXB0CD | 01 | 1 | TLD | A1 | | 06A | | |
| 06905 | XA443 | 09 | | | XA444 | 09 | | | 168 | 9 | | P TXB2CD | 03 | TXA2CB4 | 02 | 1 | TLD | A3 | | 04B | | |
| CONNECTOR | XA443 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

H78-14 1345

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA443
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 331

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | SPEC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------------|------|-------|----------------|---------|--------|----------|------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 07003 | | XA443 | 09 | | | | | | | J | TXB2CD | 01 | TXB2CD | 00 | 1 | TLD | A3 | | 04B | TXA2CB4 BUSS | |
| 06994 | | XA443 | 10 | | XA445 | 09 | | 16B | 9 | | TXB0COX | 01 | TXB0CD | 01 | 2 | TLD | A1 | | 07A | | |
| 06961 | | XA443 | 11 | | XA443 | 03 | | 16B | 9 | | TXB1E0 | 06 | TXB3CD | 01 | 1 | TLD | A4 | | 05B | | |
| 00137 | | XA443 | 12 | | | | | | | | +5V | 01 | | | | TLD | | | | | |
| 07007 | | XA443 | 13 | | XA445 | 03 | | 16B | 9 | | TXB3COX | 01 | TXB3CD | 01 | 2 | TLD | A4 | | 06B | | |
| 06926 | | XA443 | 14 | | XA444 | 14 | | 16B | 9 | P | TXB5CD | 03 | TXA5CB4 | 02 | 1 | TLD | B2 | | 09A | | |
| 07012 | | XA443 | 14 | | | | | | | J | TXB5CD | 01 | TXB5CD | 00 | 1 | TLD | B2 | | 09A | TXA5CB4 BUSS | |
| 06911 | | XA443 | 15 | | XA441 | 13 | | 16B | 9 | P | TXB3CD | 02 | TXA3CB4 | 02 | 1 | TLD | A4 | | 07B | | |
| 07006 | | XA443 | 15 | | | | | | | J | TXB3CD | 01 | TXB3CD | 00 | 1 | TLD | A4 | | 07B | TXA3CB4 BUSS | |
| 00817 | | XA443 | 16 | | | | | | | | GND | 01 | | | | TLD | | | 01B | | |
| 06960 | | XA443 | 17 | | XA443 | 11 | | 16B | 9 | | TXB1E0 | 05 | TXB6CD | 01 | 1 | TLD | B3 | | 08B | | |
| 06959 | | XA443 | 18 | | XA443 | 17 | | 16B | 9 | | TXB1E0 | 04 | TXB5CD | 01 | 1 | TLD | B2 | | 10A | | |
| 07016 | | XA443 | 19 | | XA445 | 40 | | 16B | 9 | | TXB6COX | 01 | TXB6CD | 01 | 2 | TLD | B3 | | 09B | | |
| 07013 | | XA443 | 20 | | XA445 | 35 | | 16B | 9 | | TXB5COX | 01 | TXB5CD | 01 | 2 | TLD | B2 | | 11A | | |
| 06933 | | XA443 | 21 | | XA444 | 21 | | 16B | 9 | P | TXB6CD | 03 | TXA6CB4 | 02 | 1 | TLD | B3 | | 10B | | |
| 07015 | | XA443 | 21 | | | | | | | J | TXB6CD | 01 | TXB6CD | 00 | 1 | TLD | B3 | | 10B | TXA6CB4 BUSS | |
| 06918 | | XA443 | 22 | | XA441 | 26 | | 16B | 9 | P | TXB4CD | 02 | TXA4CB4 | 02 | 1 | TLD | B1 | | 12A | | |
| 07009 | | XA443 | 22 | | | | | | | J | TXB4CD | 01 | TXB4CD | 00 | 1 | TLD | B1 | | 12A | TXA4CB4 BUSS | |
| 06957 | | XA443 | 23 | | XA443 | 24 | | 16B | 9 | | TXB1E0 | 02 | TXB7CD | 01 | 1 | TLD | B4 | | 11B | | |
| 06958 | | XA443 | 24 | | XA443 | 18 | | 16B | 9 | | TXB1E0 | 03 | TXB4CD | 01 | 1 | TLD | B1 | | 13A | | |
| 07019 | | XA443 | 25 | | XA445 | 30 | | 16B | 9 | | TXB7COX | 01 | TXB7CD | 01 | 2 | TLD | B4 | | 12B | | |
| 07010 | | XA443 | 26 | | XA445 | 29 | | 16B | 9 | | TXB4COX | 01 | TXB4CD | 01 | 2 | TLD | B1 | | 14A | | |
| 06939 | | XA443 | 27 | | XA442 | 24 | | 16B | 9 | P | TXB7CD | 02 | TXA7CB4 | 02 | 1 | TLD | B4 | | 13B | | |
| 07018 | | XA443 | 27 | | | | | | | J | TXB7CD | 01 | TXB7CD | 00 | 1 | TLD | B4 | | 13B | TXA7CB4 BUSS | |
| 00138 | | XA443 | 28 | | | | | | | | +5V | 01 | | | | TLD | | | | | |
| 06968 | | XA443 | 29 | | | | | | | | TXB1F0 | 04 | TXBEND | 01 | 1 | TLD | C3 | | 14B | | |
| 06810 | | XA443 | 30 | | XA441 | 36 | | 16B | 9 | P | TXBCMD | 02 | TXACMB4 | 02 | 1 | TLD | C2 | | 15A | | |
| 06945 | | XA443 | 30 | | | | | | | J | TXBCMD | 01 | TXBCMD | 00 | 1 | TLD | C2 | | 15A | TXACMB4 BUSS | |
| 06951 | | XA443 | 31 | | XA445 | 48 | | 16B | 9 | | TXBENOX | 02 | TXBEND | 01 | 2 | TLD | C3 | | 15B | | |
| 00818 | | XA443 | 32 | | | | | | | | GND | 01 | | | | TLD | | | 21B | | |
| 06835 | | XA443 | 33 | | XA444 | 33 | | 16B | 9 | P | TXBEND | 03 | TXAENB4 | 02 | 1 | TLD | C3 | | 16B | | |
| 06949 | | XA443 | 33 | | | | | | | J | TXBEND | 01 | TXBEND | 00 | 1 | TLD | C3 | | 16B | TXAENB4 BUSS | |
| 06967 | | XA443 | 34 | | XA443 | 29 | | 16B | 9 | | TXB1F0 | 03 | TXBCMD | 01 | 1 | TLD | C2 | | 16A | | |
| 01631 | | XA443 | 35 | | XA444 | 37 | | 16B | 9 | | SPIO17 | 30 | | 01 | 1 | TLD | C4 | | 17B | | |
| 06947 | | XA443 | 36 | | XA445 | 57 | | 16B | 9 | | TXBCMOX | 02 | TXBCMD | 01 | 2 | TLD | C2 | | 17A | | |
| 01568 | | XA443 | 37 | | XA444 | 35 | | 16B | 9 | | SPIO12 | 30 | | 01 | 2 | TLD | C4 | | 18B | | |
| 06858 | | XA443 | 38 | | XA441 | 42 | | 16B | 9 | P | TXBPCD | 02 | TXAPCB4 | 02 | 1 | TLD | C1 | | 18A | | |
| 06969 | | XA443 | 38 | | | | | | | J | TXBPCD | 01 | TXBPCD | 00 | 1 | TLD | C1 | | 18A | TXAPCB4 BUSS | |
| 08138 | | XA443 | 39 | | | | | | | | SPO | 01 | | 00 | 1 | TLD | C4 | | 19B | | |
| 06966 | | XA443 | 40 | | XA443 | 34 | | 16B | 9 | | TXB1F0 | 02 | TXBPCD | 01 | 1 | TLD | C1 | | 19A | | |
| 01567 | | XA443 | 41 | | XA443 | 37 | | 16B | 9 | | SPIO12 | 29 | | 01 | 1 | TLD | D3 | | 22B | | |
| 06970 | | XA443 | 42 | | XA445 | 47 | | 16B | 9 | | TXBPCOX | 01 | TXBPCD | 01 | 2 | TLD | C1 | | 20A | | |
| 01630 | | XA443 | 43 | | XA443 | 35 | | 16B | 9 | | SPIO17 | 29 | | 01 | 2 | TLD | D3 | | 23B | | |
| 00819 | | XA443 | 44 | | | | | | | | GND | 01 | | | | TLD | | | 27A | | |
| 08141 | | XA443 | 45 | | | | | | | | SPO | 01 | | 00 | 1 | TLD | D3 | | 24B | | |
| 08140 | | XA443 | 46 | | | | | | | | SPO | 01 | | 00 | 1 | TLD | D2 | | 21A | | |
| 06386 | | XA443 | 47 | | XA443 | 65 | | 16B | 9 | | UWDDH0 | 01 | UWLCPD | 01 | 1 | TLD | D4 | | 25B | | B05 |
| 01629 | | XA443 | 48 | | XA443 | 43 | | 16B | 9 | | SPIO17 | 28 | | 01 | 1 | TLD | D2 | | 22A | | |
| 06419 | | XA443 | 49 | | XA540 | 24 | | 16B | 9 | | UWLCPQ | 01 | UWLCPD | 01 | 2 | TLD | D4 | | 26B | | C01 |
| 01566 | | XA443 | 50 | | XA443 | 41 | | 16B | 9 | | SPIO12 | 28 | | 01 | 2 | TLD | D2 | | 23A | | |
| CONNECTOR (XA443) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

H78-14 1346

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA443
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 332

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SPEC. INST. MISC. | SIGNAL | SEQ NO. | EQUATION | TERM. | FACT. | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO. |
|--|--------|-----------|-----|---------|--------|-----------|-----|---------|-------------|------|-------|-------|-------------------|---------|---------|----------|-------|-------|------------------|-------|---------------------|--------------------|--------------------|---------|
| | PREFIX | CONNECTOR | PIN | SM. FC. | PREFIX | CONNECTOR | PIN | SM. FC. | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | |
| 06322 | | XA443 | 51 | | | | | | | | | | P | UWLCPD | 03 | TWDBPB4 | 00 | 1 | TLD | D4 | | 27B | | B05 |
| 06416 | | XA443 | 51 | | | | | | | | | | J | UWLCPD | 01 | UWLCPD | 00 | 1 | TLD | D4 | | 27B | TWDBPB4 BUSS | B05 |
| 08139 | | XA443 | 52 | | | | | | | | | | | SPO | 01 | | 00 | 1 | TLD | D1 | | 24A | | |
| 06381 | | XA443 | 53 | | XA443 | 59 | | | 16B | 9 | | | | UWDDGO | 01 | UWLC2D | 00 | 1 | TLD | E3 | | 28B | | B05 |
| 01555 | | XA443 | 54 | | XA444 | 55 | | | 16B | 9 | | | | SPT012 | 17 | | 01 | 1 | TLD | D1 | | 25A | | |
| 06437 | | XA443 | 55 | | XA540 | 35 | | | 16B | 9 | | | | UWLC2Q | 01 | UWLC2D | 01 | 2 | TLD | E3 | | 29B | | B05 |
| 01628 | | XA443 | 56 | | XA443 | 48 | | | 16B | 9 | | | | SPT017 | 27 | | 01 | 2 | TLD | D1 | | 26A | | |
| 06342 | | XA443 | 57 | | | | | | | | | | P | UWLC2D | 03 | TWDB2B4 | 02 | 1 | TLD | E3 | | 30B | | B05 |
| 06434 | | XA443 | 57 | | | | | | | | | | J | UWLC2D | 01 | UWLC2D | 00 | 1 | TLD | E3 | | 30B | TWDB2B4 BUSS | B05 |
| 00820 | | XA443 | 58 | | | | | | | | | | | GND | 01 | | | | TLD | | | 40A | | |
| 06382 | | XA443 | 59 | | XA443 | 62 | | | 16B | 9 | | | | UWDDGO | 02 | UWLC3D | 01 | 1 | TLD | E4 | | 31B | | B05 |
| 06338 | | XA443 | 60 | | | | | | | | | | P | UWLC1D | 03 | TWDB1B4 | 02 | 1 | TLD | E2 | | 28A | | B05 |
| 06428 | | XA443 | 60 | | | | | | | | | | J | UWLC1D | 01 | UWLC1D | 00 | 1 | TLD | E2 | | 28A | TWDB1B4 BUSS | B05 |
| 06443 | | XA443 | 61 | | XA540 | 38 | | | 16B | 9 | | | | UWLC3Q | 01 | UWLC3D | 01 | 2 | TLD | E4 | | 32B | | B05 |
| 06383 | | XA443 | 62 | | XA443 | 68 | | | 16B | 9 | | | | UWDDGO | 03 | UWLC1D | 01 | 1 | TLD | E2 | | 29A | | B05 |
| 06346 | | XA443 | 63 | | | | | | | | | | P | UWLC3D | 03 | TWDB3B4 | 02 | 1 | TLD | E4 | | 33B | | B05 |
| 06440 | | XA443 | 63 | | | | | | | | | | J | UWLC3D | 01 | UWLC3D | 00 | 1 | TLD | E4 | | 33B | TWDB3B4 BUSS | B05 |
| 06431 | | XA443 | 64 | | XA540 | 29 | | | 16B | 9 | | | | UWLC1Q | 01 | UWLC1D | 01 | 2 | TLD | E2 | | 30A | | B05 |
| 06387 | | XA443 | 65 | | XA443 | 71 | | | 16B | 9 | | | | UWDDHO | 02 | UWLC6D | 01 | 1 | TLD | F3 | | 34B | | B05 |
| 06334 | | XA443 | 66 | | | | | | | | | | P | UWLC0D | 03 | TWDB0B4 | 02 | 1 | TLD | E1 | | 31A | | B05 |
| 06422 | | XA443 | 66 | | | | | | | | | | J | UWLC0D | 01 | UWLC0D | 00 | 1 | TLD | E1 | | 31A | TWDB0B4 BUSS | B05 |
| 00821 | | XA443 | 67 | | | | | | | | | | | GND | 01 | | | | TLD | | | | | |
| 06384 | | XA443 | 68 | | XA512 | 69 | | | 16B | 9 | | | | UWDDGO | 04 | UWLC0D | 01 | 1 | TLD | E1 | | 32A | | B05 |
| 06358 | | XA443 | 69 | | | | | | | | | | P | UWLC6D | 03 | TWDB6B4 | 02 | 1 | TLD | F3 | | 35A | | B05 |
| 06458 | | XA443 | 69 | | | | | | | | | | J | UWLC6D | 01 | UWLC6D | 00 | 1 | TLD | F3 | | 35A | TWDB6B4 BUSS | B05 |
| 06425 | | XA443 | 70 | | XA540 | 18 | | | 16B | 9 | | | | UWLC0Q | 01 | UWLC0D | 01 | 2 | TLD | E1 | | 33A | | B05 |
| 06388 | | XA443 | 71 | | XA443 | 77 | | | 16B | 9 | | | | UWDDHO | 03 | UWLC5D | 01 | 1 | TLD | F2 | | 36A | | B05 |
| 06354 | | XA443 | 72 | | | | | | | | | | P | UWLC5D | 03 | TWDB5B4 | 02 | 1 | TLD | F2 | | 34A | | B05 |
| 06452 | | XA443 | 72 | | | | | | | | | | J | UWLC5D | 01 | UWLC5D | 00 | 1 | TLD | F2 | | 34A | TWDB5B4 BUSS | B05 |
| 06455 | | XA443 | 73 | | XA540 | 41 | | | 16B | 9 | | | | UWLC5Q | 01 | UWLC5D | 01 | 2 | TLD | F2 | | 36B | | B05 |
| 06461 | | XA443 | 74 | | XA540 | 47 | | | 16B | 9 | | | | UWLC6Q | 01 | UWLC6D | 01 | 2 | TLD | F3 | | 35B | | B05 |
| 06348 | | XA443 | 75 | | XA544 | 09 | | | 16B | 9 | | | | UWLC4D | 01 | TWDB4B4 | 02 | 1 | TLD | F1 | | 37B | | B05 |
| 06446 | | XA443 | 75 | | | | | | | | | | J | UWLC4D | 01 | UWLC4D | 00 | 1 | TLD | F1 | | 37B | TWDB4B4 BUSS | B05 |
| 06390 | | XA443 | 76 | | XA512 | 80 | | | 16B | 9 | | | | UWDDHO | 05 | UWLC7D | 01 | 1 | TLD | F4 | | 37A | | B05 |
| 06389 | | XA443 | 77 | | XA443 | 76 | | | 16B | 9 | | | | UWDDHO | 04 | UWLC4D | 01 | 1 | TLD | F1 | | 38B | | B05 |
| 06467 | | XA443 | 78 | | XA540 | 52 | | | 16B | 9 | | | | UWLC7Q | 01 | UWLC7D | 01 | 2 | TLD | F4 | | 38A | | B05 |
| 06449 | | XA443 | 79 | | XA540 | 30 | | | 16B | 9 | | | | UWLC4Q | 01 | UWLC4D | 01 | 2 | TLD | F1 | | 39B | | B05 |
| 06362 | | XA443 | 80 | | | | | | | | | | P | UWLC7D | 03 | TWDB7B4 | 02 | 1 | TLD | F4 | | 39A | | B05 |
| 06464 | | XA443 | 80 | | | | | | | | | | J | UWLC7D | 01 | UWLC7D | 00 | 1 | TLD | F4 | | 39A | TWDB7B4 BUSS | B05 |
| 06899 | | XA444 | 01 | | | | | | | | | | | TXA1CD | 04 | TXA1CB4 | 01 | 1 | TLD | A2 | | 02B | | |
| 06900 | | XA444 | 01 | | | | | | | | | | J | TXA1CD | 01 | TXA1CD | 00 | 1 | TLD | A2 | | 02B | TXA1CB4 BUSS | |
| 00822 | | XA444 | 02 | | | | | | | | | | | GND | 01 | | | | TLD | | | 01A | | |
| 06844 | | XA444 | 03 | | XA444 | 04 | | | 16B | 9 | | | | TXA1E0 | 01 | TXA2CD | 01 | 1 | TLD | A3 | | 02A | | |
| 06845 | | XA444 | 04 | | XA444 | 08 | | | 16B | 9 | | | | TXA1E0 | 02 | TXA1CD | 01 | 1 | TLD | A2 | | 04A | | |
| 06901 | | XA444 | 05 | | XA446 | 15 | | | 16B | 9 | | | | TXA1COX | 01 | TXA1CD | 01 | 2 | TLD | A2 | | 03B | | |
| 06885 | | XA444 | 06 | | XA443 | 06 | | | 16B | 9 | | | P | TXA0CD | 01 | TXA0CB4 | 01 | 1 | TLD | A1 | | 05A | | |
| 06889 | | XA444 | 06 | | | | | | | | | | J | TXA0CD | 01 | TXA0CD | 00 | 1 | TLD | A1 | | 05A | TXA0CB4 BUSS | |
| 06908 | | XA444 | 07 | | XA446 | 10 | | | 16B | 9 | | | | TXA2COX | 01 | TXA2CD | 01 | 2 | TLD | A3 | | 03A | | |
| CONNECTOR XA444 CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1347

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA444
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 333

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SPEC. MISC. | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-----|--------|-----------|-----|-------------|------|-------|-------|--|-------------|--------|---------|----------|------|--------|------------------|-------|---------------------|-----------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SWT | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | | |
| 06846 | | XA444 | 08 | | | | | | | | | | | | | | | | | | | | | |
| 06906 | | XA444 | 09 | | XA444 | 11 | | 168 | 9 | | | | TXAIE0 | 03 | TXA0CD | 01 | 1 | TLD | A1 | | 06A | | | |
| 06907 | | XA444 | 09 | | | | | | | | | | TXA2CD | 04 | TXA2CB4 | 01 | 1 | TLD | A3 | | 04B | | | |
| 06890 | | XA444 | 10 | | XA446 | 09 | | 168 | 9 | | | | TXA2CD | 01 | TXA2CD | 00 | 1 | TLD | A3 | | 04B | TXA2CB4 BUSS | | |
| 06847 | | XA444 | 11 | | XA444 | 17 | | 168 | 9 | | | | TXA0COX | 01 | TXA0CD | 01 | 2 | TLD | A1 | | 07A | | | |
| 00139 | | XA444 | 12 | | | | | | | | | | TXAIE0 | 04 | TXA3CD | 01 | 1 | TLD | A4 | | 05B | | | |
| 06915 | | XA444 | 13 | | XA446 | 03 | | 168 | 9 | | | | +5V | 01 | | | | | | | | | | |
| 06927 | | XA444 | 14 | | | | | | | | | | TXA3COX | 01 | TXA3CD | 01 | 2 | TLD | A4 | | 06B | | | |
| 06928 | | XA444 | 14 | | | | | | | | | | TXA5CD | 04 | TXA5CB4 | 01 | 1 | TLD | B2 | | 09A | | | |
| 06910 | | XA444 | 15 | | XA443 | 15 | | 168 | 9 | | | | TXA5CD | 01 | TXA5CD | 00 | 1 | TLD | B2 | | 09A | TXA5CB4 BUSS | | |
| 06914 | | XA444 | 15 | | | | | | | | | | TXA3CD | 01 | TXA3CB4 | 01 | 1 | TLD | A4 | | 07B | | | |
| 00823 | | XA444 | 16 | | | | | | | | | | TXA3CD | 01 | TXA3CD | 00 | 1 | TLD | A4 | | 07B | TXA3CB4 BUSS | | |
| 06848 | | XA444 | 17 | | XA444 | 18 | | 168 | 9 | | | | GND | 01 | | | | | | | 01B | | | |
| 06849 | | XA444 | 18 | | XA444 | 24 | | 168 | 9 | | | | TXAIE0 | 05 | TXA6CD | 01 | 1 | TLD | B3 | | 08B | | | |
| 06936 | | XA444 | 19 | | XA446 | 40 | | 168 | 9 | | | | TXAIE0 | 06 | TXA5CD | 01 | 1 | TLD | B2 | | 10A | | | |
| 06929 | | XA444 | 20 | | XA446 | 35 | | 168 | 9 | | | | TXA6COX | 01 | TXA6CD | 01 | 2 | TLD | B3 | | 09B | | | |
| 06934 | | XA444 | 21 | | XA446 | 35 | | 168 | 9 | | | | TXA5COX | 01 | TXA5CD | 01 | 2 | TLD | B2 | | 11A | | | |
| 06935 | | XA444 | 21 | | | | | | | | | | TXA6CD | 04 | TXA6CB4 | 01 | 1 | TLD | B3 | | 10B | | | |
| 06917 | | XA444 | 22 | | XA443 | 22 | | 168 | 9 | | | | TXA6CD | 01 | TXA6CD | 00 | 1 | TLD | B3 | | 10B | TXA6CB4 BUSS | | |
| 06921 | | XA444 | 22 | | | | | | | | | | TXA4CD | 01 | TXA4CB4 | 01 | 1 | TLD | B1 | | 12A | | | |
| 06851 | | XA444 | 23 | | XA441 | 75 | | 168 | 9 | | | | TXA4CD | 01 | TXA4CD | 00 | 1 | TLD | B1 | | 12A | TXA4CB4 BUSS | | |
| 06850 | | XA444 | 24 | | XA444 | 23 | | 168 | 9 | | | | TXAIE0 | 08 | TXA7CD | 01 | 1 | TLD | B4 | | 11B | | | |
| 06943 | | XA444 | 25 | | XA446 | 30 | | 168 | 9 | | | | TXAIE0 | 07 | TXA4CD | 01 | 1 | TLD | B1 | | 13A | | | |
| 06922 | | XA444 | 26 | | XA446 | 29 | | 168 | 9 | | | | TXA7COX | 01 | TXA7CD | 01 | 2 | TLD | B4 | | 12B | | | |
| 06938 | | XA444 | 27 | | XA443 | 27 | | 168 | 9 | | | | TXA4COX | 01 | TXA4CD | 01 | 2 | TLD | B1 | | 14A | | | |
| 06942 | | XA444 | 27 | | | | | | | | | | TXA7CD | 01 | TXA7CB4 | 01 | 1 | TLD | B4 | | 13B | | | |
| 00140 | | XA444 | 28 | | | | | | | | | | TXA7CD | 01 | TXA7CD | 00 | 1 | TLD | B4 | | 13B | TXA7CB4 BUSS | | |
| 06856 | | XA444 | 29 | | | | | | | | | | +5V | 01 | | | | | | | | | | |
| 06809 | | XA444 | 30 | | XA443 | 30 | | 168 | 9 | | | | TXAIF0 | 04 | TXAEND | 01 | 1 | TLD | C3 | | 14B | | | |
| 06813 | | XA444 | 30 | | | | | | | | | | TXACMD | 01 | TXACMB4 | 01 | 1 | TLD | C2 | | 15A | | | |
| 06839 | | XA444 | 31 | | XA446 | 48 | | 168 | 9 | | | | TXACMD | 01 | TXACMD | 00 | 1 | TLD | C2 | | 15A | TXACMB4 BUSS | | |
| 00824 | | XA444 | 32 | | | | | | | | | | GND | 01 | | | | | | | 21B | | | |
| 06836 | | XA444 | 33 | | | | | | | | | | TXAEND | 04 | TXAENB4 | 01 | 1 | TLD | C3 | | 16B | | | |
| 06837 | | XA444 | 33 | | | | | | | | | | TXAEND | 01 | TXAEND | 00 | 1 | TLD | C3 | | 16B | TXAENB4 BUSS | | |
| 06855 | | XA444 | 34 | | XA444 | 29 | | 168 | 9 | | | | TXAIF0 | 03 | TXACMD | 01 | 1 | TLD | C2 | | 16A | | | |
| 01569 | | XA444 | 35 | | | | | | | | | | SPIO12 | 31 | TCILKD4 | 01 | 1 | TLD | C4 | | 17B | | | |
| 06815 | | XA444 | 36 | | XA446 | 57 | | 168 | 9 | | | | TXACMOX | 02 | TXACMD | 01 | 2 | TLD | C2 | | 17A | | | |
| 01632 | | XA444 | 37 | | | | | | | | | | SPIO17 | 31 | TCILKD4 | 01 | 2 | TLD | C4 | | 18B | | | |
| 06857 | | XA444 | 38 | | XA443 | 38 | | 168 | 9 | | | | TXAPCD | 01 | TXAPCB4 | 01 | 1 | TLD | C1 | | 18A | | | |
| 06861 | | XA444 | 38 | | | | | | | | | | TXAPCD | 01 | TXAPCD | 00 | 1 | TLD | C1 | | 18A | TXAPCB4 BUSS | | |
| 03688 | | XA444 | 39 | | XA547 | 75 | | 168 | 9 | | | | TCILKD4 | 01 | TCILKD4 | 00 | 1 | TLD | C4 | | 19B | | | |
| 06854 | | XA444 | 40 | | XA444 | 34 | | 168 | 9 | | | | TXAIF0 | 02 | TXAPCD | 01 | 1 | TLD | C1 | | 19A | CABLE INTERLOCK DRA03 | | |
| 06823 | | XA444 | 41 | | XA444 | 54 | | 168 | 9 | | | | TXADE04 | 03 | TXBROD1 | 01 | 1 | TLD | D3 | | 22B | | | |
| 06862 | | XA444 | 42 | | XA446 | 47 | | 168 | 9 | | | | TXAPCOX | 01 | TXAPCD | 01 | 2 | TLD | C1 | | 20A | | | |
| 06974 | | XA444 | 43 | | XA444 | 49 | | 168 | 9 | | | | TXBRQ0 | 01 | TXBROD1 | 01 | 2 | TLD | D3 | | 23B | | | |
| 00825 | | XA444 | 44 | | | | | | | | | | GND | 01 | | | | | | | 27A | | | |
| 08563 | | XA444 | 44 | | | | | | | | | | XAROAR | 03 | | | | | | | 27A | | | |
| 08564 | | XA444 | 44 | | XA450 | 20 | | 168 | 9 | | | | XAROBR | 00 | | | | | | | 27A | | | |
| 08381 | | XA444 | 45 | | XA347 | 09 | | 168 | 9 | | | | TXBROD1 | 01 | TXBROD1 | 00 | 1 | TLD | D3 | | 24B | | | |
| 08357 | | XA444 | 46 | | | | | | | | | | TXAR1D1 | 01 | TXAR1D1 | 00 | 1 | TLD | D2 | | 21A | | | |
| CONNECTOR (XA444) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1348

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA444
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 334

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | ORCAP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO | |
|---------------|--------|--------------------------------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|--------|---------|----------|---------|---------|------------------|-------|---------------------|--------------------|--------------------|-------------|-------|
| | PREFIX | CONNECTOR | PIN | SH FC | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | IDENT |
| 06818 | | XA444 | 47 | | | XA441 | 63 | | | 168 | 9 | | TXADEA | 02 | TXBR1D1 | 01 | 1 | TLD | D4 | | 25B | | |
| 06817 | | XA444 | 48 | | | XA444 | 47 | | | 168 | 9 | | TXADEA | 01 | TXAR1D1 | 01 | 1 | TLD | D2 | | 22A | | |
| 06975 | | XA444 | 49 | | | XA440 | 80 | | | 168 | 9 | | TXBRQ0 | 02 | TXBR1D1 | 01 | 2 | TLD | D4 | | 26B | | |
| 06866 | | XA444 | 50 | | | XA444 | 56 | | | 168 | 9 | | TXARQ0 | 01 | TXAR1D1 | 01 | 2 | TLD | D2 | | 23A | | |
| 08382 | | XA444 | 51 | | | | | | | | | | TXBR1D1 | 01 | TXBR1D1 | 00 | 1 | TLD | D4 | | 27B | | |
| 08356 | | XA444 | 52 | | | XA347 | 07 | | | 168 | 9 | | TXAROD1 | 01 | TXAROD1 | 00 | 1 | TLD | D1 | | 24A | | |
| 01627 | | XA444 | 53 | | | XA443 | 56 | | | 168 | 9 | | SPI017 | 26 | | 01 | 1 | TLD | E3 | | 28B | | |
| 06824 | | XA444 | 54 | | | XA547 | 73 | | | 168 | 9 | | TXADE04 | 04 | TXAROD1 | 01 | 1 | TLD | D1 | | 25A | A03 | |
| 01556 | | XA444 | 55 | | | XA444 | 61 | | | 168 | 9 | | SPI012 | 18 | | 01 | 2 | TLD | E3 | | 29B | | |
| 06867 | | XA444 | 56 | | | XA440 | 69 | | | 168 | 9 | | TXARQ0 | 02 | TXAROD1 | 01 | 2 | TLD | D1 | | 26A | | |
| 08144 | | XA444 | 57 | | | | | | | | | | SPO | 01 | | 00 | 1 | TLD | E3 | | 30B | | |
| 00826 | | XA444 | 58 | | | | | | | | | GND | 01 | | | | | TLD | | | 40A | | |
| 08565 | | XA444 | 58 | | | | | | | | | XAR1AR | 03 | | | | | TLD | | | 40A | | |
| 08566 | | XA444 | 58 | 3 | | XA450 | 22 | 3 | | 168 | 9 | | XAR1BR | 00 | | | | TLD | | | 40A | A01 | |
| 01626 | | XA444 | 59 | | | XA444 | 53 | | | 168 | 9 | | SPI017 | 25 | | 01 | 1 | TLD | E4 | | 31B | | |
| 08143 | | XA444 | 60 | | | | | | | | | SPO | 01 | | | 00 | 1 | TLD | E2 | | 28A | | |
| 01557 | | XA444 | 61 | | | XA444 | 62 | | | 168 | 9 | | SPI012 | 19 | | 01 | 2 | TLD | E4 | | 32B | | |
| 01558 | | XA444 | 62 | | | XA444 | 68 | | | 168 | 9 | | SPI012 | 20 | | 01 | 1 | TLD | E2 | | 29A | | |
| 08145 | | XA444 | 63 | | | | | | | | | SPO | 01 | | | 00 | 1 | TLD | E4 | | 33B | | |
| 01625 | | XA444 | 64 | | | XA444 | 59 | | | 168 | 9 | | SPI017 | 24 | | 01 | 2 | TLD | E2 | | 30A | | |
| 01560 | | XA444 | 65 | | | XA444 | 71 | | | 168 | 9 | | SPI012 | 22 | | 01 | 1 | TLD | F3 | | 34B | | |
| 08142 | | XA444 | 66 | | | | | | | | | SPO | 01 | | | 00 | 1 | TLD | E1 | | 31A | | |
| 00827 | | XA444 | 67 | | | | | | | | | GND | 01 | | | | | TLD | | | | | |
| 01559 | | XA444 | 68 | | | XA444 | 65 | | | 168 | 9 | | SPI012 | 21 | | 01 | 1 | TLD | E1 | | 32A | | |
| 08148 | | XA444 | 69 | | | | | | | | | SPO | 01 | | | 00 | 1 | TLD | F3 | | 35A | | |
| 01624 | | XA444 | 70 | | | XA444 | 64 | | | 168 | 9 | | SPI017 | 23 | | 01 | 2 | TLD | E1 | | 33A | | |
| 01561 | | XA444 | 71 | | | XA444 | 77 | | | 168 | 9 | | SPI012 | 23 | | 01 | 1 | TLD | F2 | | 36A | | |
| 08147 | | XA444 | 72 | | | | | | | | | SPO | 01 | | | 00 | 1 | TLD | F2 | | 34A | | |
| 01621 | | XA444 | 73 | | | XA444 | 76 | | | 168 | 9 | | SPI017 | 20 | | 01 | 2 | TLD | F2 | | 36B | | |
| 01623 | | XA444 | 74 | | | XA444 | 70 | | | 168 | 9 | | SPI017 | 22 | | 01 | 2 | TLD | F3 | | 35B | | |
| 08146 | | XA444 | 75 | | | | | | | | | SPO | 01 | | | 00 | 1 | TLD | F1 | | 37B | | |
| 01622 | | XA444 | 76 | | | XA444 | 74 | | | 168 | 9 | | SPI017 | 21 | | 01 | 1 | TLD | F4 | | 37A | | |
| 01562 | | XA444 | 77 | | | XA444 | 78 | | | 168 | 9 | | SPI012 | 24 | | 01 | 1 | TLD | F1 | | 38B | | |
| 01563 | | XA444 | 78 | | | XA445 | 73 | | | 168 | 9 | | SPI012 | 25 | | 01 | 2 | TLD | F4 | | 38A | | |
| 01620 | | XA444 | 79 | | | XA444 | 73 | | | 168 | 9 | | SPI017 | 19 | | 01 | 2 | TLD | F1 | | 39B | | |
| 08149 | | XA444 | 80 | | | | | | | | | SPO | 01 | | | 00 | 1 | TLD | F4 | | 39A | | |
| 08396 | | XA445 | 01 | | | | | | | | | J | TXB3CDX | 01 | TXB3CDX | 00 | 1 | DCF | A7 | | 02A | TA03BB BUSS | |
| 48395 | | XA445 | 01 | | | XA447 | 50 | | | 168 | 9 | | P | TXB3CDX | 04 | TA03BB | 04 | 1 | DCF | A7 | | 02A | |
| 08446 | | XA445 | 02 | | | XA346 | 44 | | | 168 | 9 | | | XA03BR | 03 | | | DCF | | | 01A | | |
| 08577 | | XA445 | 02 | | | | | | | | | | | GND | 01 | | | DCF | | | 01A | | |
| 07008 | | XA445 | 03 | | | | | | | | | | TXB3COX | 02 | TXB3COX | 00 | 1 | DCF | A8 | | 03A | | |
| 07687 | | XA445 | 04 | | | XA438 | 23 | | | 168 | 9 | | TXS034U | 02 | TXB3COX | 01 | 1 | DCF | A8 | | 04A | | |
| 08440 | | XA445 | 05 | | | XA346 | 45 | | | 168 | 9 | | | XA00BR | 01 | | | DCF | | | 05A | | |
| 06997 | | XA445 | 06 | | | XA445 | 36 | | | 168 | 9 | | | TXB0EA | 02 | TXB0CDX | 01 | 1 | DCF | A1 | | 05A | |
| 08385 | | XA445 | 06 | | | | | | | | | M | TXB0EA | 01 | TXB3CDX | 01 | 1 | DCF | A7 | | 05A | | |
| 08386 | | XA445 | 06 | | | | | | | | | M | TXB0EA | 01 | TXB2CDX | 01 | 1 | DCF | A5 | | 05A | | |
| 08387 | | XA445 | 06 | | | | | | | | | M | TXB0EA | 01 | TXB1CDX | 01 | 1 | DCF | A3 | | 05A | | |
| 08384 | | XA445 | 07 | | | | | | | | | J | TXB0CDX | 01 | TXB0CDX | 00 | 1 | DCF | A1 | | 02B | TA00BB BUSS | |
| CONNECTOR | XA445 | CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | | | |

H78-14 1349

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA445
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 335

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|--------------|-------|---------------|-----------|------|-------|-------------|------|-------|-------|--------|---------|----------|---------|------|------------------|-------|---------------------|--------------------|--------------------|-------------|
| | PREFIX | CONNECTOR | PIN | DR PC | PREFIX | CONNECTOR | PIN | DR PC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 48392 | | XA445 | 07 | | XA447 | 41 | | | 168 | 9 | | | P | TXB0CDX | 04 | TA00BB | 04 | 1 | DCF | A1 | | 02B | |
| 07683 | | XA445 | 08 | | XA438 | 21 | | | 168 | 9 | | | | TXS033U | 02 | TXB2C0X | 01 | 1 | DCF | A6 | | 06A | |
| 06995 | | XA445 | 09 | | | | | | | | | | | TXB0C0X | 02 | TXB0C0X | 00 | 1 | DCF | A2 | | 03B | |
| 07005 | | XA445 | 10 | | | | | | | | | | | TXB2C0X | 02 | TXB2C0X | 00 | 1 | DCF | A6 | | 07A | |
| 07675 | | XA445 | 11 | | XA438 | 17 | | | 168 | 9 | | | | TXS03IU | 02 | TXB0C0X | 01 | 1 | DCF | A2 | | 04B | |
| 00141 | | XA445 | 12 | | | | | | | | | | | +5V | 01 | | | | DCF | | | 08A | |
| 07680 | | XA445 | 13 | | XA446 | 13 | | | 168 | 9 | | | | TXS032U | 03 | TXB1C0X | 01 | 1 | DCF | A4 | | 05B | |
| 08395 | | XA445 | 14 | | | | | | | | | | J | TXB2CDX | 01 | TXB2CDX | 00 | 1 | DCF | A5 | | 08B | TA02BB BUSS |
| 48394 | | XA445 | 14 | | XA447 | 47 | | | 168 | 9 | | | | TXB2CDX | 04 | TA02BB | 04 | 1 | DCF | A5 | | 08B | |
| 07002 | | XA445 | 15 | | | | | | | | | | P | TXB1C0X | 02 | TXB1C0X | 00 | 1 | DCF | A4 | | 06B | |
| 08444 | | XA445 | 16 | | XA346 | 58 | | | 168 | 9 | | | | XA02BR | 01 | | | | DCF | | | | |
| 08578 | | XA445 | 16 | | | | | | | | | | | GND | 01 | | | | DCF | | | | |
| 08394 | | XA445 | 17 | | | | | | | | | | J | TXB1CDX | 01 | TXB1CDX | 00 | 1 | DCF | A3 | | 07B | TA01BB BUSS |
| 48393 | | XA445 | 17 | | XA447 | 46 | | | 163 | 9 | | | P | TXB1CDX | 04 | TA01BB | 04 | 1 | DCF | A3 | | 07B | |
| 00362 | | XA445 | 18 | | | | | | | | | | | DNW | 01 | | | | DCF | | | | |
| 08442 | | XA445 | 19 | | XA346 | 53 | | | 168 | 9 | | | | XA01BR | 01 | | | | DCF | | | | |
| 00363 | | XA445 | 20 | | | | | | | | | | | DNW | 01 | | | | DCF | | | | |
| 08454 | | XA445 | 21 | | XA346 | 59 | | | 168 | 9 | | | | XA07BR | 01 | | | | DCF | | | | |
| 00364 | | XA445 | 22 | | | | | | | | | | | DNW | 01 | | | | DCF | | | | |
| 08400 | | XA445 | 23 | | | | | | | | | | J | TXB7CDX | 01 | TXB7CDX | 00 | 1 | DCF | B7 | | 10A | TA07BB BUSS |
| 48399 | | XA445 | 23 | | XA447 | 60 | | | 168 | 9 | | | P | TXB7CDX | 04 | TA07BB | 04 | 1 | DCF | B7 | | 10A | |
| 00365 | | XA445 | 24 | | | | | | | | | | | DNW | 01 | | | | DCF | | | | |
| 08448 | | XA445 | 25 | | XA346 | 67 | | | 168 | 9 | | | | XA04BR | 01 | | | | DCF | | | | |
| 00366 | | XA445 | 26 | | | | | | | | | | | DNW | 01 | | | | DCF | | | | |
| 08397 | | XA445 | 27 | | | | | | | | | | J | TXB4CDX | 01 | TXB4CDX | 00 | 1 | DCF | B1 | | 10B | TA04BB BUSS |
| 48396 | | XA445 | 27 | | XA447 | 51 | | | 168 | 9 | | | P | TXB4CDX | 04 | TA04BB | 04 | 1 | DCF | B1 | | 10B | |
| 00142 | | XA445 | 28 | | | | | | | | | | | +5V | 01 | | | | DCF | | | | |
| 07011 | | XA445 | 29 | | | | | | | | | | | TXB4C0X | 02 | TXB4C0X | 00 | 1 | DCF | B2 | | 11B | |
| 07020 | | XA445 | 30 | | | | | | | | | | | TXB7C0X | 02 | TXB7C0X | 00 | 1 | DCF | B8 | | 11A | |
| 07691 | | XA445 | 31 | | XA438 | 24 | | | 168 | 9 | | | | TXS471U | 02 | TXB4C0X | 01 | 1 | DCF | B2 | | 12B | |
| 0828 | | XA445 | 32 | | | | | | | | | | | GND | 01 | | | | DCF | | | | |
| 07695 | | XA445 | 33 | | XA438 | 22 | | | 168 | 9 | | | | TXS472U | 02 | TXB5C0X | 01 | 1 | DCF | B4 | | 13B | |
| 07703 | | XA445 | 34 | | XA438 | 18 | | | 168 | 9 | | | | TXS474U | 02 | TXB7C0X | 01 | 1 | DCF | B8 | | 12A | |
| 07014 | | XA445 | 35 | | | | | | | | | | | TXB5C0X | 02 | TXB5C0X | 00 | 1 | DCF | B4 | | 14B | |
| 06998 | | XA445 | 36 | | XA445 | 52 | | | 168 | 9 | | | | TXB0EA | 03 | TXB4CDX | 01 | 1 | DCF | B1 | | 13A | |
| 08388 | | XA445 | 36 | | | | | | | | | | M | TXB0EA | 01 | TXB6CDX | 01 | 1 | DCF | B5 | | 13A | |
| 08389 | | XA445 | 36 | | | | | | | | | | M | TXB0EA | 01 | TXB5CDX | 01 | 1 | DCF | B3 | | 13A | |
| 08390 | | XA445 | 36 | | | | | | | | | | M | TXB0EA | 01 | TXB7CDX | 01 | 1 | DCF | B7 | | 13A | |
| 08398 | | XA445 | 37 | | | | | | | | | | J | TXB5CDX | 01 | TXB5CDX | 00 | 1 | DCF | B3 | | 15B | TA05BB BUSS |
| 48397 | | XA445 | 37 | | XA447 | 54 | | | 168 | 9 | | | P | TXB5CDX | 04 | TA05BB | 04 | 1 | DCF | B3 | | 15B | |
| 07699 | | XA445 | 38 | | XA438 | 20 | | | 168 | 9 | | | | TXS473U | 02 | TXB6C0X | 01 | 1 | DCF | B6 | | 14A | |
| 08450 | | XA445 | 39 | | XA346 | 77 | | | 168 | 9 | | | | XA05BR | 01 | | | | DCF | | | | |
| 07017 | | XA445 | 40 | | | | | | | | | | | TXB6C0X | 02 | TXB6C0X | 00 | 1 | DCF | B6 | | 15A | |
| 08399 | | XA445 | 41 | | | | | | | | | | J | TXB6C0X | 01 | TXB6CDX | 00 | 1 | DCF | B5 | | 16A | TA06BB BUSS |
| 48398 | | XA445 | 41 | | XA447 | 57 | | | 168 | 9 | | | P | TXB6C0X | 04 | TA06BB | 04 | 1 | DCF | B5 | | 16A | |
| 08452 | | XA445 | 42 | | XA346 | 79 | | | 168 | 9 | | | | XA06BR | 01 | | | | DCF | | | | |
| 08377 | | XA445 | 43 | | | | | | | | | | J | TXBENDX | 01 | TXBENDX | 00 | 1 | DCF | C7 | | 25A | TAENBB BUSS |
| 48389 | | XA445 | 43 | | XA447 | 73 | | | 168 | 9 | | | P | TXBENDX | 04 | TAENBB | 04 | 1 | DCF | C7 | | 25A | |
| 08434 | | XA445 | 44 | | XA346 | 19 | | | 168 | 9 | | | | XAENBR | 03 | | | | DCF | | | | |
| 08579 | | XA445 | 44 | | | | | | | | | | | GND | 01 | | | | DCF | | | | |
| CONNECTOR | | XA445 | CONTINUED ON | | THE NEXT PAGE | | **** | | | | | | | | | | | | | | | | |

H78-14 1350

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA445
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 336

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | FCO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|----------|--------|------------|------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FC | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 08438 | | XA445 | 45 | | XA346 | 02 | | | 16B | 9 | | J | XAOPBR | 01 | | | | DCF | | 27A | | | |
| 08380 | | XA445 | 46 | | | | | | | | | J | TXBPCDX | 01 | TXBPCDX | 00 | 1 | DCF | C1 | 25B | TAOPBB BUSS | | |
| 48391 | | XA445 | 46 | | XA447 | 40 | | | 16B | 9 | | P | TXBPCDX | 04 | TAOPBB | 04 | 1 | DCF | C1 | 25B | | | |
| 06971 | | XA445 | 47 | | | | | | | | | | TXBPCOX | 02 | TXBPCOX | 00 | 1 | DCF | C2 | 26B | | | |
| 06952 | | XA445 | 48 | | | | | | | | | | TXBENOX | 03 | TXBENOX | 00 | 1 | DCF | C8 | 26A | | | |
| 07129 | | XA445 | 49 | | XA438 | 25 | | | 16B | 9 | | | TXDSBPR | 02 | TXBPCOX | 01 | 1 | DCF | C2 | 27B | | | |
| 07246 | | XA445 | 50 | | XA445 | 54 | | | 16B | 9 | | | TXGN1A | 09 | TXBENOX | 01 | 1 | DCF | C8 | 28A | | | |
| 07075 | | XA445 | 51 | | XA431 | 64 | | | 16B | 9 | | | TXDBIO | 02 | TXBINOX | 01 | 1 | DCF | C4 | 28B | | | |
| 06999 | | XA445 | 52 | | | | | | | | | | TXBOEA | 04 | TXBPCDX | 01 | 1 | DCF | C1 | 29A | | | |
| 08391 | | XA445 | 52 | | | | | | | | | M | TXBOEA | 01 | TXBINDX | 01 | 1 | DCF | C3 | 29A | | | |
| 08392 | | XA445 | 52 | | | | | | | | | M | TXBOEA | 01 | TXBENDX | 01 | 1 | DCF | C7 | 29A | | | |
| 08393 | | XA445 | 52 | | | | | | | | | M | TXBOEA | 01 | TXBCMDX | 01 | 1 | DCF | C5 | 29A | | | |
| 08436 | | XA445 | 53 | | XA346 | 16 | | | 16B | 9 | | | XAINBR | 01 | | | | DCF | | | | | |
| 07247 | | XA445 | 54 | | XA446 | 54 | | | 16B | 9 | | | TXGN1A | 10 | TXBCMOX | 01 | 1 | DCF | C6 | 30A | | | |
| 08378 | | XA445 | 55 | | | | | | | | | J | TXBINDX | 01 | TXBINDX | 00 | 1 | DCF | C3 | 30B | TAINBB BUSS | | |
| 48390 | | XA445 | 55 | | XA447 | 77 | | | 16B | 9 | | P | TXBINDX | 04 | TAINBB | 04 | 1 | DCF | C3 | 30B | | | |
| 08379 | | XA445 | 56 | | | | | | | | | M | TXBINOX | 01 | TXBINOX | 00 | 1 | DCF | C4 | 29B | | | |
| 06948 | | XA445 | 57 | | | | | | | | | | TXBCMOX | 03 | TXBCMOX | 00 | 1 | DCF | C6 | 31A | | | |
| 08432 | | XA445 | 58 | | XA346 | 05 | | | 16B | 9 | | | XACMBR | 01 | | | | DCF | | | | | |
| 08580 | | XA445 | 58 | | | | | | | | | | GND | 01 | | | | DCF | | | | | |
| 01152 | | XA445 | 59 | | XA351 | 10 | | | 16B | 9 | | | TXBSTBG | 01 | | | | DCF | | | | | |
| 08376 | | XA445 | 60 | | | | | | | | | J | TXBCMDX | 01 | TXBCMDX | 00 | 1 | DCF | C5 | 31B | TACMBB BUSS | | |
| 48388 | | XA445 | 60 | | XA447 | 75 | | | 16B | 9 | | P | TXBCMDX | 04 | TACMBB | 04 | 1 | DCF | C5 | 31B | | | |
| 06992 | | XA445 | 61 | | XA348 | 04 | | | 16B | 9 | | | TXBSTDX4 | 02 | TXBSTDX400 | 1 | DCF | D7 | 33A | PORT B STATUS DR | | | |
| 00367 | | XA445 | 62 | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 00368 | | XA445 | 63 | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 00369 | | XA445 | 64 | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 03396 | | XA445 | 65 | | | | | | | | | | SPO | 01 | | 00 | 1 | DCF | D1 | 32B | | | |
| 00370 | | XA445 | 66 | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 08581 | | XA445 | 67 | | | | | | | | | | GND | 01 | | | | DCF | | | | | |
| 08383 | | XA445 | 68 | | | | | | | | | M | TXBSTOX | 01 | TXBSTOX | 00 | 1 | DCF | D8 | 34A | | | |
| 03397 | | XA445 | 69 | | | | | | | | | | SPO | 01 | | 00 | 1 | DCF | D2 | 33B | | | |
| 06989 | | XA445 | 70 | | XA446 | 68 | | | 16B | 9 | | | TXBSLOX | 06 | TXBSTOX | 01 | 1 | DCF | D8 | 35A | | | |
| 01665 | | XA445 | 71 | | XA446 | 72 | | | 16B | 9 | | | SPIO18 | 33 | | 01 | 1 | DCF | D2 | 34B | | | |
| 07250 | | XA445 | 72 | | | | | | | | | | TXGN1A | 13 | TXASTDX401 | 1 | DCF | D5 | 36A | | | | |
| 08411 | | XA445 | 72 | | | | | | | | | M | TXGN1A | 01 | TXBSTDX401 | 1 | DCF | D7 | 36A | | | | |
| 01564 | | XA445 | 73 | | XA446 | 71 | | | 16B | 9 | | | SPIO12 | 26 | | 01 | 1 | DCF | D4 | 35B | | | |
| 06881 | | XA445 | 74 | | XA446 | 76 | | | 16B | 9 | | | TXASLOX | 06 | TXASTOX | 01 | 1 | DCF | D6 | 37A | | | |
| 03398 | | XA445 | 75 | | | | | | | | | | SPO | 01 | | 00 | 1 | DCF | D4 | 36B | | | |
| 08358 | | XA445 | 76 | | | | | | | | | M | TXASTOX | 01 | TXASTOX | 00 | 1 | DCF | D6 | 38A | | | |
| 01156 | | XA445 | 77 | | | | | | | | | | SPF | 01 | | | | DCF | | | | | |
| 03399 | | XA445 | 78 | | | | | | | | | | SPO | 01 | | 00 | 1 | DCF | D3 | 37B | | | |
| 01159 | | XA445 | 79 | | XA351 | 08 | | | 16B | 9 | | | TXASTBG | 01 | | | | DCF | | 40B | | | |
| 06884 | | XA445 | 80 | | XA348 | 01 | | | 16B | 9 | | | TXASTDX4 | 02 | TXASTDX400 | 1 | DCF | D5 | 38B | PORT A STATUS DR | | | |
| 08371 | | XA446 | 01 | | | | | | | | | J | TXA3CDX | 01 | TXA3CDX | 00 | 1 | DCF | A7 | 02A | TA03BB BUSS | | |
| 48383 | | XA446 | 01 | | XA447 | 13 | | | 16B | 9 | | P | TXA3CDX | 04 | TA03AB | 04 | 1 | DCF | A7 | 02A | | | |
| 08445 | | XA446 | 02 | | XA345 | 44 | | | 16B | 9 | | | XAO3AR | 03 | | | | DCF | | 01A | | | |
| 08582 | | XA446 | 02 | | | | | | | | | | GND | 01 | | | | DCF | | 01A | | | |
| CONNECTOR XA446 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1351

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA446
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 337

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SPEC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------------|------|-------|-------|----------------|---------|--------|----------|------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | |
| 06916 | | XA446 | 03 | | | | | | | | | TXA3COX | 02 | TXA3COX | 00 | 1 | DCF | A8 | | 03A | | |
| 07686 | | XA446 | 04 | | XA445 | 04 | | 16B | 9 | | | TXS034U | 01 | TXA3COX | 01 | 1 | DCF | A8 | | 04A | | |
| 08439 | | XA446 | 05 | | XA345 | 45 | | 16B | 9 | | | XAO0AR | 03 | | | | DCF | | | | | |
| 06893 | | XA446 | 06 | | XA446 | 36 | | 16B | 9 | | | TXAOEA | 02 | TXA0CDX | 01 | 1 | DCF | A1 | | 05A | | |
| 08360 | | XA446 | 06 | | | | | | | | M | TXAOEA | 01 | TXA1CDX | 01 | 1 | DCF | A3 | | 05A | | |
| 08361 | | XA446 | 06 | | | | | | | | M | TXAOEA | 01 | TXA3CDX | 01 | 1 | DCF | A7 | | 05A | | |
| 08362 | | XA446 | 06 | | | | | | | | M | TXAOEA | 01 | TXA2CDX | 01 | 1 | DCF | A5 | | 05A | | |
| 08359 | | XA446 | 07 | | | | | | | | J | TXA0CDX | 01 | TXA0CDX | 00 | 1 | DCF | A1 | | 02B | TA00AB BUSS | |
| 48380 | | XA446 | 07 | | XA447 | 04 | | 16B | 9 | | P | TXA0CDX | 04 | TA00AB | 04 | 1 | DCF | A1 | | 02B | | |
| 07682 | | XA446 | 08 | | XA445 | 08 | | 16B | 9 | | | TXS033U | 01 | TXA2COX | 01 | 1 | DCF | A6 | | 04A | | |
| 06891 | | XA446 | 09 | | | | | | | | | TXA0COX | 02 | TXA0COX | 00 | 1 | DCF | A2 | | 03B | | |
| 06909 | | XA446 | 10 | | | | | | | | | TXA2COX | 02 | TXA2COX | 00 | 1 | DCF | A6 | | 07A | | |
| 07674 | | XA446 | 11 | | XA445 | 11 | | 16B | 9 | | | TXS031U | 01 | TXA0COX | 01 | 1 | DCF | A2 | | 04B | | |
| 00143 | | XA446 | 12 | | | | | | | | | +5V | 01 | | | | DCF | | | 08A | | |
| 07681 | | XA446 | 13 | | | | | | | | | TXS032U | 04 | TXA1COX | 01 | 1 | DCF | A4 | | 05B | | |
| 08370 | | XA446 | 14 | | | | | | | | J | TXA2CDX | 01 | TXA2CDX | 00 | 1 | DCF | A5 | | 08B | TA02AB BUSS | |
| 48382 | | XA446 | 14 | | XA447 | 08 | | 16B | 9 | | P | TXA2CDX | 04 | TA02AB | 04 | 1 | DCF | A5 | | 08B | | |
| 06902 | | XA446 | 15 | | | | | | | | | TXA1COX | 02 | TXA1COX | 00 | 1 | DCF | A4 | | 06B | | |
| 08443 | | XA446 | 16 | | XA345 | 58 | | 16B | 9 | | | XAO2AR | 03 | | | | DCF | | | | | |
| 08583 | | XA446 | 16 | | | | | | | | | GND | 01 | | | | DCF | | | | | |
| 08369 | | XA446 | 17 | | | | | | | | J | TXA1CDX | 01 | TXA1CDX | 00 | 1 | DCF | A3 | | 07B | TA01AB BUSS | |
| 48381 | | XA446 | 17 | | XA447 | 05 | | 16B | 9 | | P | TXA1CDX | 04 | TA01AB | 04 | 1 | DCF | A3 | | 07B | | |
| 00371 | | XA446 | 18 | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 08441 | | XA446 | 19 | | XA345 | 53 | | 16B | 9 | | | XAO1AR | 03 | | | | DCF | | | | | |
| 00372 | | XA446 | 20 | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 08453 | | XA446 | 21 | | XA345 | 59 | | 16B | 9 | | | XAO7AR | 03 | | | | DCF | | | | | |
| 00373 | | XA446 | 22 | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 08375 | | XA446 | 23 | | | | | | | | J | TXA7COX | 01 | TXA7COX | 00 | 1 | DCF | B7 | | 10A | TA07AB BUSS | |
| 48387 | | XA446 | 23 | | XA447 | 21 | | 16B | 9 | | P | TXA7COX | 04 | TA07AB | 04 | 1 | DCF | B7 | | 10A | | |
| 00374 | | XA446 | 24 | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 08447 | | XA446 | 25 | | XA345 | 67 | | 16B | 9 | | | XAO4AR | 03 | | | | DCF | | | | | |
| 00375 | | XA446 | 26 | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 08372 | | XA446 | 27 | | | | | | | | J | TXA4COX | 01 | TXA4COX | 00 | 1 | DCF | B1 | | 10B | TA04AB BUSS | |
| 48384 | | XA446 | 27 | | XA447 | 14 | | 16B | 9 | | P | TXA4COX | 04 | TA04AB | 04 | 1 | DCF | B1 | | 10B | | |
| 00144 | | XA446 | 28 | | | | | | | | | +5V | 01 | | | | DCF | | | 21B | | |
| 06923 | | XA446 | 29 | | | | | | | | | TXA4COX | 02 | TXA4COX | 00 | 1 | DCF | B2 | | 11B | | |
| 06944 | | XA446 | 30 | | | | | | | | | TXA7COX | 02 | TXA7COX | 00 | 1 | DCF | B8 | | 11A | | |
| 07690 | | XA446 | 31 | | XA445 | 31 | | 16B | 9 | | | TXS471U | 01 | TXA4COX | 01 | 1 | DCF | B2 | | 12B | | |
| 00829 | | XA446 | 32 | | | | | | | | | GND | 01 | | | | DCF | | | | | |
| 08476 | | XA446 | 32 | | | | | | | | | TMALFDR | 05 | | | | DCF | | | | | |
| 07694 | | XA446 | 33 | | XA445 | 33 | | 16B | 9 | | | TXS472U | 01 | TXA5COX | 01 | 1 | DCF | B4 | | 13B | | |
| 07702 | | XA446 | 34 | | XA445 | 34 | | 16B | 9 | | | TXS474U | 01 | TXA7COX | 01 | 1 | DCF | B8 | | 12A | | |
| 06930 | | XA446 | 35 | | | | | | | | | TXA5COX | 02 | TXA5COX | 00 | 1 | DCF | B4 | | 14B | | |
| 06894 | | XA446 | 36 | | XA446 | 52 | | 16B | 9 | | | TXAOEA | 03 | TXA4CDX | 01 | 1 | DCF | B1 | | 13A | | |
| 08363 | | XA446 | 36 | | | | | | | | M | TXAOEA | 01 | TXA5CDX | 01 | 1 | DCF | B3 | | 13A | | |
| 08364 | | XA446 | 36 | | | | | | | | M | TXAOEA | 01 | TXA6CDX | 01 | 1 | DCF | B5 | | 13A | | |
| 08365 | | XA446 | 36 | | | | | | | | M | TXAOEA | 01 | TXA7COX | 01 | 1 | DCF | B7 | | 13A | | |
| 08373 | | XA446 | 37 | | | | | | | | J | TXA5CDX | 01 | TXA5CDX | 00 | 1 | DCF | B3 | | 15B | TA05AB BUSS | |
| 48385 | | XA446 | 37 | | XA447 | 17 | | 16B | 9 | | P | TXA5CDX | 04 | TA05AB | 04 | 1 | DCF | B3 | | 15B | | |
| 07698 | | XA446 | 38 | | XA445 | 38 | | 16B | 9 | | | TXS473U | 01 | TXA6COX | 01 | 1 | DCF | B6 | | 14A | | |
| CONNECTOR (XA446) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA446
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 338

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SFC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-----|--------|-----------|-----|-----|-------------|------|-------|---------------|----------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|-----------------------|--------|
| | PREFIX | CONNECTOR | PIH | SHL | PREFIX | CONNECTOR | PIH | SHL | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 08449 | | XA446 | 39 | | XA345 | 77 | | | 16B | 9 | | | XA05AR | 03 | | | | DCF | | | | | |
| 06937 | | XA446 | 40 | | | | | | | | | | TXA6COX | 02 | TXA6COX | 00 | 1 | DCF | B6 | | 15A | | |
| 08374 | | XA446 | 41 | | | | | | | | | | TXA6CDX | 01 | TXA6CDX | 00 | 1 | DCF | B5 | | 16A | TA06AB BUSS | |
| 48386 | | XA446 | 41 | | XA447 | 20 | | | 16B | 9 | | | TXA6CDX | 04 | TA06AB | 04 | 1 | DCF | B5 | | 16A | | |
| 08451 | | XA446 | 42 | | XA345 | 79 | | | 16B | 9 | | | XA06AR | 03 | | | | DCF | | | 20B | | |
| 08352 | | XA446 | 43 | | | | | | | | | | TXAENDX | 01 | TXAENDX | 00 | 1 | DCF | C7 | | 25A | TAENAB BUSS | |
| 48377 | | XA446 | 43 | | XA447 | 33 | | | 16B | 9 | | | TXAENDX | 04 | TAENAB | 04 | 1 | DCF | C7 | | 25A | | |
| 08433 | | XA446 | 44 | | XA345 | 19 | | | 16B | 9 | | | XAENAR | 03 | | | | DCF | | | | | |
| 08584 | | XA446 | 44 | | | | | | | | | | GND | 01 | | | | DCF | | | | | |
| 08437 | | XA446 | 45 | | XA345 | 02 | | | 16B | 9 | | | XAOPAR | 03 | | | | DCF | | | 27A | | |
| 08355 | | XA446 | 46 | | | | | | | | | | TXAPCDX | 01 | TXAPCDX | 00 | 1 | DCF | C1 | | 25B | TAOPAB BUSS | |
| 48379 | | XA446 | 46 | | XA447 | 01 | | | 16B | 9 | | | TXAPCDX | 04 | TAOPAB | 04 | 1 | DCF | C1 | | 25B | | |
| 06863 | | XA446 | 47 | | | | | | | | | | TXAPCOX | 02 | TXAPCOX | 00 | 1 | DCF | C2 | | 26B | | |
| 06840 | | XA446 | 48 | | | | | | | | | | TXAENOX | 03 | TXAENOX | 00 | 1 | DCF | C8 | | 26A | | |
| 07128 | | XA446 | 49 | | XA445 | 49 | | | 16B | 9 | | | TXDSBPR | 01 | TXAPCOX | 01 | 1 | DCF | C2 | | 27B | | |
| 07249 | | XA446 | 50 | | XA445 | 72 | | | 16B | 9 | | | TXGN1A | 12 | TXAENOX | 01 | 1 | DCF | C8 | | 28A | | |
| 07074 | | XA446 | 51 | | XA445 | 51 | | | 16B | 9 | | | TXDBIO | 01 | TXAINOX | 01 | 1 | DCF | C4 | | 28B | | |
| 06895 | | XA446 | 52 | | | | | | | | | | TXAOEA | 04 | TXAPCDX | 01 | 1 | DCF | C1 | | 29A | | |
| 08366 | | XA446 | 52 | | | | | | | | | M | TXAOEA | 01 | TXACMDX | 01 | 1 | DCF | C5 | | 29A | | |
| 08367 | | XA446 | 52 | | | | | | | | | M | TXAOEA | 01 | TXAINDX | 01 | 1 | DCF | C3 | | 29A | | |
| 08368 | | XA446 | 52 | | | | | | | | | M | TXAOEA | 01 | TXAENDX | 01 | 1 | DCF | C7 | | 29A | | |
| 08435 | | XA446 | 53 | | XA345 | 16 | | | 16B | 9 | | | XAINAR | 03 | | | | DCF | | | | | |
| 07248 | | XA446 | 54 | | XA446 | 50 | | | 16B | 9 | | | TXGN1A | 11 | TXACMOX | 01 | 1 | DCF | C6 | | 30A | | |
| 08353 | | XA446 | 55 | | | | | | | | | | TXAINDX | 01 | TXAINDX | 00 | 1 | DCF | C3 | | 30B | TAINAB BUSS | |
| 48378 | | XA446 | 55 | | XA447 | 37 | | | 16B | 9 | | | TXAINDX | 04 | TAINAB | 04 | 1 | DCF | C3 | | 30B | | |
| 08354 | | XA446 | 56 | | | | | | | | | | TXAINOX | 01 | TXAINOX | 00 | 1 | DCF | C4 | | 29B | | |
| 06816 | | XA446 | 57 | | | | | | | | | | TXACMOX | 03 | TXACMOX | 00 | 1 | DCF | C6 | | 31A | | |
| 0E431 | | XA446 | 58 | | XA345 | 05 | | | 16B | 9 | | | XACMAR | 03 | | | | DCF | | | | | |
| 08585 | | XA446 | 58 | | | | | | | | | | GND | 01 | | | | DCF | | | | | |
| 01153 | | XA446 | 59 | | XA351 | 06 | | | 16B | 9 | | | TXBSL BG | 01 | | | | DCF | | | | | |
| 08351 | | XA446 | 60 | | | | | | | | | | TXACMDX | 01 | TXACMDX | 00 | 1 | DCF | C5 | | 31B | TACMAB BUSS | |
| 48376 | | XA446 | 60 | | XA447 | 36 | | | 16B | 9 | | | TXACMDX | 04 | TACMAB | 04 | 1 | DCF | C5 | | 31B | | |
| 06982 | | XA446 | 61 | | | | | | | | | | TXBSLDX | 01 | TXBSLDX | 00 | 1 | DCF | D7 | | 33A | PORT B SELECT DR1A03 | |
| 00376 | | XA446 | 62 | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 00377 | | XA446 | 63 | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 00378 | | XA446 | 64 | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 04769 | | XA446 | 65 | | | | | | | | | | UMALFDX | 004 | UMALFDX | 00 | 1 | DCF | D1 | | 32B | MALFUNCTION RECEIVB05 | |
| 00379 | | XA446 | 66 | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 08586 | | XA446 | 67 | | | | | | | | | | GND | 01 | | | | DCF | | | | | |
| 06990 | | XA446 | 68 | | | | | | | | | | TXBSLOX | 07 | TXBSLOX | 00 | 1 | DCF | D8 | | 34A | | |
| 04772 | | XA446 | 69 | | | | | | | | | | UMALFOX | 02 | UMALFOX | 00 | 1 | DCF | D2 | | 33B | | |
| 01597 | | XA446 | 70 | | XA442 | 66 | | | 16B | 9 | | | SPIO15 | 17 | TXBSLOX | 01 | 1 | DCF | D8 | | 35A | | B05 |
| 01565 | | XA446 | 71 | | XA443 | 50 | | | 16B | 9 | | | SPIO12 | 27 | UMALFOX | 01 | 1 | DCF | D2 | | 34B | | B05 |
| 01666 | | XA446 | 72 | | | | | | | | | | SPIO18 | 34 | UMALEDX | 01 | 1 | DCF | D1 | | 36A | | B05 |
| 08111 | | XA446 | 72 | | | | | | | | | | SPIO18 | 01 | TXASLDX | 01 | 1 | DCF | D5 | | 36A | | |
| 08112 | | XA446 | 72 | | | | | | | | | | SPIO18 | 01 | TXPRSDX | 01 | 1 | DCF | D3 | | 36A | | |
| 08113 | | XA446 | 72 | | | | | | | | | | SPIO18 | 01 | TXBSLDX | 01 | 1 | DCF | D7 | | 36A | | |
| 01426 | | XA446 | 73 | | XA442 | 41 | | | 16B | 9 | | | SPIO08 | 01 | TXPRSOX | 01 | 1 | DCF | D4 | | 35B | | |
| 01572 | | XA446 | 74 | | XA546 | 08 | | | 16B | 9 | | | SPIO13 | 03 | TXASLOX | 01 | 1 | DCF | D6 | | 37A | | |
| 07316 | | XA446 | 75 | | | | | | | | | | TXPRSOX | 02 | TXPRSOX | 00 | 1 | DCF | D4 | | 36B | | |
| CONNECTOR XA446 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA446
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 339

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------|-------------|------|-------|--------|----------|----------|---------|--------|------------------|-------|---------------------|--------------------|--------------------|-----------------------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SH FG | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 06882 | | XA446 | 76 | | | | | | | | | TXASLOX | 07 | TXASLOX | 00 | 1 | DCF | D6 | | 38A | |
| 01157 | | XA446 | 77 | | XA351 | 14 | | | 16B | 9 | | TXPRSBG | 01 | | | | | | | | |
| 07313 | | XA446 | 78 | | | | | | | | | TXPRSDX | 01 | TXPRSDX | 00 | 1 | DCF | D3 | | 37B | PORT RESET DRI/RCA03 |
| 01158 | | XA446 | 79 | | XA351 | 04 | | | 16B | 9 | | TXASLBG | 01 | | | | | | | 40B | |
| 06874 | | XA446 | 80 | | | | | | | | | TXASLDX | 01 | TXASLDX | 00 | 1 | DCF | D5 | | 38B | PORT A SELECT DRI/A03 |
| 02644 | | XA447 | 01 | | | | | | | | | TAQPAB | 05 | | | | | | | | A04 |
| 00830 | | XA447 | 02 | | | | | | | | | GND | 01 | | | | | | | | A04 |
| 02645 | | XA447 | 03 | | | | | | | | | XAQPAB | 03 | | | | | | | | A04 |
| 02646 | | XA447 | 04 | | | | | | | | | TA00AB | 05 | | | | | | | | A04 |
| 02647 | | XA447 | 05 | | | | | | | | | TA01AB | 05 | | | | | | | | A04 |
| 02648 | | XA447 | 06 | | | | | | | | | XA00AB | 03 | | | | | | | | A04 |
| 02649 | | XA447 | 07 | | | | | | | | | XA01AB | 03 | | | | | | | | A04 |
| 02650 | | XA447 | 08 | | | | | | | | | TA02AB | 05 | | | | | | | | A04 |
| 02651 | | XA447 | 09 | | | | | | | | | SPP | 01 | | | | | | | | A04 |
| 02652 | | XA447 | 10 | | | | | | | | | XA02AB | 03 | | | | | | | | A04 |
| 02653 | | XA447 | 11 | | | | | | | | | DNW | 01 | | | | | | | | A04 |
| 00145 | | XA447 | 12 | | | | | | | | | DNW | 01 | | | | | | | | A06 |
| 02654 | | XA447 | 13 | | | | | | | | | TA03AB | 05 | | | | | | | | A06 |
| 02655 | | XA447 | 14 | | | | | | | | | TA04AB | 05 | | | | | | | | A04 |
| 02656 | | XA447 | 15 | | | | | | | | | XA03AB | 03 | | | | | | | | A06 |
| 00831 | | XA447 | 16 | | | | | | | | | GND | 01 | | | | | | | | A04 |
| 02657 | | XA447 | 17 | | | | | | | | | TA05AB | 05 | | | | | | | | A06 |
| 02658 | | XA447 | 18 | | | | | | | | | XA04AB | 03 | | | | | | | | A04 |
| 02659 | | XA447 | 19 | | | | | | | | | XA05AB | 03 | | | | | | | | A04 |
| 02660 | | XA447 | 20 | | | | | | | | | TA06AB | 05 | | | | | | | | A04 |
| 02661 | | XA447 | 21 | | | | | | | | | TA07AB | 05 | | | | | | | | A06 |
| 02662 | | XA447 | 22 | | | | | | | | | XA06AB | 03 | | | | | | | | A04 |
| 02663 | | XA447 | 23 | | | | | | | | | XA07AB | 03 | | | | | | | | A06 |
| 02664 | | XA447 | 24 | | XA444 | 52 | | | 16B | 9 | | TXAR0D1 | 00 | | | | | | | | A04 |
| 02665 | | XA447 | 25 | | | | | | | | | KXAR4D1 | 03 | | | | | | | | A06 |
| 02666 | | XA447 | 26 | | | | | | | | | XAR0AB | 03 | | | | | | | | A04 |
| 02667 | | XA447 | 27 | | | | | | | | | XAR4AB | 03 | | | | | | | | A06 |
| 00146 | | XA447 | 28 | | | | | | | | | +5V | 01 | | | | | | | | A04 |
| 02668 | | XA447 | 29 | | | | | | | | | PXAR0DX | 02 | | | | | | | | A06 |
| 02669 | | XA447 | 30 | | | | | | | | | JXAR7D1 | 03 | | | | | | | | A04 |
| 02670 | | XA447 | 31 | | | | | | | | | XAR6AB | 03 | | | | | | | | A06 |
| 00832 | | XA447 | 32 | | | | | | | | | GND | 01 | | | | | | | | A04 |
| 48153 | | XA447 | 32 | | | | | | | | | PXAR0DXR | 02 | | | | | | | | A06 |
| 02671 | | XA447 | 33 | | | | | | | | | TAENAB | 05 | | | | | | | | A04 |
| 02672 | | XA447 | 34 | | | | | | | | | XAR7AB | 03 | | | | | | | | A06 |
| 02673 | | XA447 | 35 | | | | | | | | | XAENAB | 03 | | | | | | | | A04 |
| 02674 | | XA447 | 36 | | | | | | | | | TACMAB | 05 | | | | | | | | A06 |
| 02675 | | XA447 | 37 | | | | | | | | | TAINAB | 05 | | | | | | | | A04 |
| 02676 | | XA447 | 38 | | | | | | | | | XACMAB | 03 | | | | | | | | A06 |
| 02677 | | XA447 | 39 | | | | | | | | | XAINAB | 03 | | | | | | | | A04 |
| 02678 | | XA447 | 40 | | | | | | | | | TAOPBB | 05 | | | | | | | | A06 |
| 02679 | | XA447 | 41 | | | | | | | | | TA00BB | 05 | | | | | | | | A04 |
| 02680 | | XA447 | 42 | | | | | | | | | XAOPBB | 03 | | | | | | | | A06 |
| CONNECTOR XA447 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA447
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 340

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|---------------------------------|--------|--------|-----------|-----|--------|-------------|------|-------|-------|----------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FTG | PREFIX | CONNECTOR | PIN | SH FTG | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 02681 | | XA447 | 43 | | | | | | | | | | XA00BB | 03 | | | | SHT | | | | A04 | |
| 00833 | | XA447 | 44 | | | | | | | | | | GND | 01 | | | | SHT | | | | A04 | |
| 02682 | | XA447 | 45 | | | | | | | | | | SPP | 01 | | | | SHT | | | | A04 | |
| 02683 | | XA447 | 46 | | | | | | | | | | TA01BB | 05 | | | | SHT | | | | A04 | |
| 02684 | | XA447 | 47 | | | | | | | | | | TA02BB | 05 | | | | SHT | | | | A04 | |
| 02685 | | XA447 | 48 | | | | | | | | | | XA01BB | 03 | | | | SHT | | | | A04 | |
| 02686 | | XA447 | 49 | | | | | | | | | | XA02BB | 03 | | | | SHT | | | | A04 | |
| 02687 | | XA447 | 50 | | | | | | | | | | TA03BB | 05 | | | | SHT | | | | A04 | |
| 02688 | | XA447 | 51 | | | | | | | | | | TA04BB | 05 | | | | SHT | | | | A04 | |
| 02689 | | XA447 | 52 | | | | | | | | | | XA03BB | 03 | | | | SHT | | | | A04 | |
| 02690 | | XA447 | 53 | | | | | | | | | | XA04BB | 03 | | | | SHT | | | | A04 | |
| 02691 | | XA447 | 54 | | | | | | | | | | TA05BB | 05 | | | | SHT | | | | A04 | |
| 02692 | | XA447 | 55 | | | | | | | | | | SPP | 01 | | | | SHT | | | | A04 | |
| 02693 | | XA447 | 56 | | | | | | | | | | XA05BB | 03 | | | | SHT | | | | A04 | |
| 02694 | | XA447 | 57 | | | | | | | | | | TA06BB | 05 | | | | SHT | | | | A04 | |
| 00834 | | XA447 | 58 | | | | | | | | | | GND | 01 | | | | SHT | | | | A04 | |
| 48166 | | XA447 | 58 | | | | | | | | | | QXBRQDXR | 02 | | | | SHT | | | | A04 | |
| 02695 | | XA447 | 59 | | | | | | | | | | XA06BB | 03 | | | | SHT | | | | A04 | |
| 02696 | | XA447 | 60 | | | | | | | | | | TA07BB | 05 | | | | SHT | | | | A04 | |
| 02697 | | XA447 | 61 | | XA444 | 45 | | | 16B | 9 | | | TXBR0D1 | 00 | | | | SHT | | | | A04 | |
| 02698 | | XA447 | 62 | | | | | | | | | | XA07BB | 03 | | | | SHT | | | | A04 | |
| 02699 | | XA447 | 63 | | | | | | | | | | XAR0BB | 03 | | | | SHT | | | | A04 | |
| 02700 | | XA447 | 64 | | | | | | | | | | KXBR4D1 | 03 | | | | SHT | | | | A04 | |
| 02701 | | XA447 | 65 | | | | | | | | | | SPP | 01 | | | | SHT | | | | A04 | |
| 02702 | | XA447 | 66 | | | | | | | | | | XAR4BB | 03 | | | | SHT | | | | A04 | |
| 00835 | | XA447 | 67 | | | | | | | | | | DNW | 01 | | | | SHT | | | KEYWAY | A06 | |
| 02703 | | XA447 | 68 | | | | | | | | | | DNW | 01 | | | | SHT | | | KEYWAY | A06 | |
| 02704 | | XA447 | 69 | | | | | | | | | | QXBRQDX | 02 | | | | SHT | | | | A04 | |
| 02705 | | XA447 | 70 | | | | | | | | | | SPP | 01 | | | | SHT | | | | A04 | |
| 02706 | | XA447 | 71 | | | | | | | | | | XAR6BB | 03 | | | | SHT | | | | A04 | |
| 02707 | | XA447 | 72 | | | | | | | | | | JXBR7D1 | 03 | | | | SHT | | | | A04 | |
| 02708 | | XA447 | 73 | | | | | | | | | | TAENBB | 05 | | | | SHT | | | | A04 | |
| 02709 | | XA447 | 74 | | | | | | | | | | XAR7BB | 03 | | | | SHT | | | | A04 | |
| 02710 | | XA447 | 75 | | | | | | | | | | XAENBB | 03 | | | | SHT | | | | A04 | |
| 02711 | | XA447 | 76 | | | | | | | | | | TACMBB | 05 | | | | SHT | | | | A04 | |
| 02712 | | XA447 | 77 | | | | | | | | | | TAINBB | 05 | | | | SHT | | | | A04 | |
| 02713 | | XA447 | 78 | | | | | | | | | | XACMBB | 03 | | | | SHT | | | | A04 | |
| 02714 | | XA447 | 79 | | | | | | | | | | XAINBB | 03 | | | | SHT | | | | A04 | |
| 02715 | | XA447 | 80 | | | | | | | | | | SPP | 01 | | | | SHT | | | | A04 | |
| 02716 | | XA448 | 01 | | XA447 | 03 | | | 16B | 9 | | | XA09AB | 02 | | | | EXT | | | | A04 | |
| 00836 | | XA448 | 02 | | XA446 | 45 | | | 16B | 9 | | | XA0PAR | 02 | | | | EXT | | | | A04 | |
| 02717 | | XA448 | 03 | | XA447 | 06 | | | 16B | 9 | | | XA00AB | 02 | | | | EXT | | | | A04 | |
| 02718 | | XA448 | 04 | | XA446 | 05 | | | 16B | 9 | | | XA00AR | 02 | | | | EXT | | | | A04 | |
| 02719 | | XA448 | 05 | | XA447 | 07 | | | 16B | 9 | | | XA01AB | 02 | | | | EXT | | | | A04 | |
| 02720 | | XA448 | 06 | | XA446 | 19 | | | 16B | 9 | | | XA01AR | 02 | | | | EXT | | | | A04 | |
| 02721 | | XA448 | 07 | | XA447 | 10 | | | 16B | 9 | | | XA02AB | 02 | | | | EXT | | | | A04 | |
| 02722 | | XA448 | 08 | | XA446 | 16 | | | 16B | 9 | | | XA02AR | 02 | | | | EXT | | | | A04 | |
| 02723 | | XA448 | 09 | | XA447 | 15 | | | 16B | 9 | | | XA03AB | 02 | | | | EXT | | | | A04 | |
| CONNECTOR | | XA448 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA448
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 341

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|--|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PC IN | PREFIX | CONNECTOR | PIN | PC IN | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 02724 | | XA448 | 10 | | | XA446 | 02 | | | | 16B | 9 | | | | | | | | | | | |
| 02725 | | XA448 | 11 | | | XA447 | 18 | | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 00147 | | XA448 | 12 | | | XA446 | 25 | | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 02726 | | XA448 | 13 | | | XA447 | 19 | | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 02727 | | XA448 | 14 | | | XA446 | 39 | | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 02728 | | XA448 | 15 | | | XA447 | 22 | | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 00837 | | XA448 | 16 | | | XA446 | 42 | | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 02729 | | XA448 | 17 | | | XA447 | 23 | | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 02730 | | XA448 | 18 | | | XA446 | 21 | | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 02731 | | XA448 | 19 | | | XA447 | 26 | | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 02732 | | XA448 | 20 | | | XA444 | 44 | | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 02733 | | XA448 | 21 | | | | | | | | | | | | | | | EXT | | | | | A04 |
| 02734 | | XA448 | 22 | | | XA444 | 58 | | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 02735 | | XA448 | 23 | | | | | | | | | | | | | | | EXT | | | | | A04 |
| 02736 | | XA448 | 24 | | | | | | | | | | | | | | | EXT | | | | | A04 |
| 02737 | | XA448 | 25 | | | | | | | | | | | | | | | EXT | | | | | A04 |
| 02738 | | XA448 | 26 | | | | | | | | | | | | | | | EXT | | | | | A04 |
| 02739 | | XA448 | 27 | | | XA447 | 27 | | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 00148 | | XA448 | 28 | | | | | | | | | | | | | | | EXT | | | | | A04 |
| 02740 | | XA448 | 29 | | | | | | | | | | | | | | | EXT | | | | | A04 |
| 02741 | | XA448 | 30 | | | | | | | | | | | | | | | EXT | | | | | A04 |
| 02742 | | XA448 | 31 | | | XA447 | 31 | | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 00838 | | XA448 | 32 | | | | | | | | | | | | | | | EXT | | | | | A04 |
| 02743 | | XA448 | 33 | | | XA447 | 34 | | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 02744 | | XA448 | 34 | | | | | | | | | | | | | | | EXT | | | | | A04 |
| 02745 | | XA448 | 35 | | | XA447 | 35 | | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 02746 | | XA448 | 36 | | | XA446 | 44 | | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 02747 | | XA448 | 37 | | | XA447 | 38 | | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 02748 | | XA448 | 38 | | | XA446 | 58 | | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 02749 | | XA448 | 39 | | | XA447 | 39 | | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 02750 | | XA448 | 40 | | | XA446 | 53 | | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 02751 | | XA448 | 41 | | | | | | | | | | | | | | | EXT | | | | | A04 |
| 02752 | | XA448 | 42 | | | | | | | | | | | | | | | EXT | | | | | A04 |
| 02753 | | XA448 | 43 | | | | | | | | | | | | | | | EXT | | | | | A04 |
| 00839 | | XA448 | 44 | | | | | | | | | | | | | | | EXT | | | | | A04 |
| 02754 | | XA448 | 45 | | | | | | | | | | | | | | | EXT | | | | | A04 |
| 02755 | | XA448 | 46 | | | | | | | | | | | | | | | EXT | | | | | A04 |
| 02756 | | XA448 | 47 | | | | | | | | | | | | | | | EXT | | | | | A04 |
| 02757 | | XA448 | 48 | | | | | | | | | | | | | | | EXT | | | | | A04 |
| 02758 | | XA448 | 49 | | | | | | | | | | | | | | | EXT | | | | | A04 |
| 02759 | | XA448 | 50 | | | | | | | | | | | | | | | EXT | | | | | A04 |
| 02760 | | XA448 | 51 | | | | | | | | | | | | | | | EXT | | | | | A04 |
| 02761 | | XA448 | 52 | | | | | | | | | | | | | | | EXT | | | | | A04 |
| 02762 | | XA448 | 53 | | | | | | | | | | | | | | | EXT | | | | | A04 |
| 02763 | | XA448 | 54 | | | | | | | | | | | | | | | EXT | | | | | A04 |
| 02764 | | XA448 | 55 | | | | | | | | | | | | | | | EXT | | | | | A04 |
| 02765 | | XA448 | 56 | | | | | | | | | | | | | | | EXT | | | | | A04 |
| 02766 | | XA448 | 57 | | | | | | | | | | | | | | | EXT | | | | | A04 |
| 00840 | | XA448 | 58 | | | | | | | | | | | | | | | EXT | | | | | A04 |
| 02767 | | XA448 | 59 | | | | | | | | | | | | | | | EXT | | | | | A04 |
| CONNECTOR XA448 CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA448
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 342

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO | | | | | | | | | | | | | |
|---------------|--------|-----------|----------------------------|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | PREFIX | CONNECTOR | PIN | SH FC | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | | | | | | | | | | | | | |
| 02768 | | XA448 | 60 | | | | | | | | | | XBR0AR | 02 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02769 | | XA448 | 61 | | | | | | | | | | XBR1AB | 02 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02770 | | XA448 | 62 | | | | | | | | | | XBR1AR | 02 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02771 | | XA448 | 63 | | | | | | | | | | XBR2AB | 02 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02772 | | XA448 | 64 | | | | | | | | | | XBR2AR | 02 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02773 | | XA448 | 65 | | | | | | | | | | XBR3AB | 02 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02774 | | XA448 | 66 | | | | | | | | | | XBR3AR | 02 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 00841 | | XA448 | 67 | | | | | | | | | | XBR4AB | 02 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02775 | | XA448 | 68 | | | | | | | | | | XBR4AR | 02 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02776 | | XA448 | 69 | | | | | | | | | | XBR5AB | 02 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02777 | | XA448 | 70 | | | | | | | | | | XBR5AR | 02 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02778 | | XA448 | 71 | | | | | | | | | | XBR6AB | 02 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02779 | | XA448 | 72 | | | | | | | | | | XBR6AR | 02 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02780 | | XA448 | 73 | | | | | | | | | | XBR7AB | 02 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02781 | | XA448 | 74 | | | | | | | | | | XBR7AR | 02 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02782 | | XA448 | 75 | | | | | | | | | | XBENAB | 02 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02783 | | XA448 | 76 | | | | | | | | | | XBENAR | 02 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02784 | | XA448 | 77 | | | | | | | | | | XBCMAB | 02 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02785 | | XA448 | 78 | | | | | | | | | | XBCM AR | 02 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02786 | | XA448 | 79 | | | | | | | | | | XBINAB | 02 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02787 | | XA448 | 80 | | | | | | | | | | XBINAR | 02 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02788 | | XA449 | 01 | | XA448 | 01 | | | | 16B | 9 | | XA0PAB | 01 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 00842 | | XA449 | 02 | | XA448 | 02 | | | | 16B | 9 | | XA0PAR | 01 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 08494 | | XA449 | 02 | | | | | | | | | | GND | | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02789 | | XA449 | 03 | | XA448 | 03 | | | | 16B | 9 | | XA00AB | 01 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02790 | | XA449 | 04 | | XA448 | 04 | | | | 16B | 9 | | XA00AR | 01 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 08495 | | XA449 | 04 | | | | | | | | | | GND | | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02791 | | XA449 | 05 | | XA448 | 05 | | | | 16B | 9 | | XA01AB | 01 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02792 | | XA449 | 06 | | XA448 | 06 | | | | 16B | 9 | | XA01AR | 01 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 08496 | | XA449 | 06 | | | | | | | | | | GND | | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02793 | | XA449 | 07 | | XA448 | 07 | | | | 16B | 9 | | XA02AB | 01 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02794 | | XA449 | 08 | | XA448 | 08 | | | | 16B | 9 | | XA02AR | 01 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 08497 | | XA449 | 08 | | | | | | | | | | GND | | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02795 | | XA449 | 09 | | XA448 | 09 | | | | 16B | 9 | | XA03AB | 01 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02796 | | XA449 | 10 | | XA448 | 10 | | | | 16B | 9 | | XA03AR | 01 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02797 | | XA449 | 11 | | XA448 | 11 | | | | 16B | 9 | | XA04AB | 01 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 00149 | | XA449 | 12 | | XA448 | 12 | | | | 16B | 9 | | XA04AR | 01 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 08498 | | XA449 | 12 | | | | | | | | | | GND | | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02798 | | XA449 | 13 | | XA448 | 13 | | | | 16B | 9 | | XA05AB | 01 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02799 | | XA449 | 14 | | XA448 | 14 | | | | 16B | 9 | | XA05AR | 01 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 08499 | | XA449 | 14 | | | | | | | | | | GND | | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02800 | | XA449 | 15 | | XA448 | 15 | | | | 16B | 9 | | XA06AB | 01 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 00843 | | XA449 | 16 | | XA448 | 16 | | | | 16B | 9 | | XA06AR | 01 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 08500 | | XA449 | 16 | | | | | | | | | | GND | | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02801 | | XA449 | 17 | | XA448 | 17 | | | | 16B | 9 | | XA07AB | 01 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02802 | | XA449 | 18 | | XA448 | 18 | | | | 16B | 9 | | XA07AR | 01 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 08501 | | XA449 | 18 | | | | | | | | | | GND | | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| 02803 | | XA449 | 19 | | XA448 | 19 | | | | 16B | 9 | | XAR0AB | 01 | | | | EXT | | | | | A04 | | | | | | | | | | | | | |
| CONNECTOR | | XA449 | CONTINUED ON THE NEXT PAGE | | | | | | | | | | | | | | | | | | | **** | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA449
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 343

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SFC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|------|-------|-------------|------|---------------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DR FC | PREFIX | CONNECTOR | PIN | DR FC | MULTI GROUP | CODE | | | | | | | | | | | | |
| 02804 | | XA449 | 20 | | XA448 | 20 | | | 16B | 9 | | XAR0AR | 01 | | | | EXT | | | | | A04 |
| 08502 | | XA449 | 20 | | XA448 | 20 | | | 16B | 9 | | GND | | | | | EXT | | | | | A04 |
| 02805 | | XA449 | 21 | | XA448 | 21 | | | 16B | 9 | | XAR1AB | 01 | | | | EXT | | | | | A04 |
| 02806 | | XA449 | 22 | | XA448 | 22 | | | 16B | 9 | | XAR1AR | 01 | | | | EXT | | | | | A04 |
| 08503 | | XA449 | 22 | | | | | | | | | GND | | | | | EXT | | | | | A04 |
| 02807 | | XA449 | 23 | | XA448 | 23 | | | 16B | 9 | | XAR2AB | 01 | | | | EXT | | | | | A04 |
| 02808 | | XA449 | 24 | | XA448 | 24 | | | 16B | 9 | | XAR2AR | 01 | | | | EXT | | | | | A04 |
| 08504 | | XA449 | 24 | | | | | | | | | GND | | | | | EXT | | | | | A04 |
| 02809 | | XA449 | 25 | | XA448 | 25 | | | 16B | 9 | | XAR3AB | 01 | | | | EXT | | | | | A04 |
| 02810 | | XA449 | 26 | | XA448 | 26 | | | 16B | 9 | | XAR3AR | 01 | | | | EXT | | | | | A04 |
| 08505 | | XA449 | 26 | | | | | | | | | GND | | | | | EXT | | | | | A04 |
| 02811 | | XA449 | 27 | | XA448 | 27 | | | 16B | 9 | | XAR4AB | 01 | | | | EXT | | | | | A04 |
| 00150 | | XA449 | 28 | | XA448 | 28 | | | 16B | 9 | | XAR4AR | 01 | | | | EXT | | | | | A04 |
| 08506 | | XA449 | 28 | | | | | | | | | GND | | | | | EXT | | | | | A04 |
| 02812 | | XA449 | 29 | | XA448 | 29 | | | 16B | 9 | | XAR5AB | 01 | | | | EXT | | | | | A04 |
| 02813 | | XA449 | 30 | | XA448 | 30 | | | 16B | 9 | | XAR5AR | 01 | | | | EXT | | | | | A04 |
| 08507 | | XA449 | 30 | | | | | | | | | GND | | | | | EXT | | | | | A04 |
| 02814 | | XA449 | 31 | | XA448 | 31 | | | 16B | 9 | | XAR5AB | 01 | | | | EXT | | | | | A04 |
| 00844 | | XA449 | 32 | | XA448 | 32 | | | 16B | 9 | | XAR6AR | 01 | | | | EXT | | | | | A04 |
| 08508 | | XA449 | 32 | | | | | | | | | GND | | | | | EXT | | | | | A04 |
| 02815 | | XA449 | 33 | | XA448 | 33 | | | 16B | 9 | | XAR7AB | 01 | | | | EXT | | | | | A04 |
| 02816 | | XA449 | 34 | | XA448 | 34 | | | 16B | 9 | | XAR7AR | 01 | | | | EXT | | | | | A04 |
| 08509 | | XA449 | 34 | | | | | | | | | GND | | | | | EXT | | | | | A04 |
| 02817 | | XA449 | 35 | | XA448 | 35 | | | 16B | 9 | | XAENAB | 01 | | | | EXT | | | | | A04 |
| 02818 | | XA449 | 36 | | XA448 | 36 | | | 16B | 9 | | XAENAR | 01 | | | | EXT | | | | | A04 |
| 08510 | | XA449 | 36 | | | | | | | | | GND | | | | | EXT | | | | | A04 |
| 02819 | | XA449 | 37 | | XA448 | 37 | | | 16B | 9 | | XACMAB | 01 | | | | EXT | | | | | A04 |
| 02820 | | XA449 | 38 | | XA448 | 38 | | | 16B | 9 | | XACMAR | 01 | | | | EXT | | | | | A04 |
| 08511 | | XA449 | 38 | | | | | | | | | GND | | | | | EXT | | | | | A04 |
| 02821 | | XA449 | 39 | | XA448 | 39 | | | 16B | 9 | | XAINAB | 01 | | | | EXT | | | | | A04 |
| 02822 | | XA449 | 40 | | XA448 | 40 | | | 16B | 9 | | XAINAR | 01 | | | | EXT | | | | | A04 |
| 08512 | | XA449 | 40 | | | | | | | | | GND | | | | | EXT | | | | | A04 |
| 02823 | | XA449 | 41 | | XA448 | 41 | | | 16B | 9 | | XBOPAB | 01 | | | | EXT | | | | | A04 |
| 02824 | | XA449 | 42 | | XA448 | 42 | | | 16B | 9 | | XBOPAR | 01 | | | | EXT | | | | | A04 |
| 08513 | | XA449 | 42 | | | | | | | | | GND | | | | | EXT | | | | | A04 |
| 02825 | | XA449 | 43 | | XA448 | 43 | | | 16B | 9 | | XB00AB | 01 | | | | EXT | | | | | A04 |
| 00845 | | XA449 | 44 | | XA448 | 44 | | | 16B | 9 | | XB00AR | 01 | | | | EXT | | | | | A04 |
| 08514 | | XA449 | 44 | | | | | | | | | GND | | | | | EXT | | | | | A04 |
| 02826 | | XA449 | 45 | | XA448 | 45 | | | 16B | 9 | | XB01AB | 01 | | | | EXT | | | | | A04 |
| 02827 | | XA449 | 46 | | XA448 | 46 | | | 16B | 9 | | XB01AR | 01 | | | | EXT | | | | | A04 |
| 08515 | | XA449 | 46 | | | | | | | | | GND | | | | | EXT | | | | | A04 |
| 02828 | | XA449 | 47 | | XA448 | 47 | | | 16B | 9 | | XB02AB | 01 | | | | EXT | | | | | A04 |
| 02829 | | XA449 | 48 | | XA448 | 48 | | | 16B | 9 | | XB02AR | 01 | | | | EXT | | | | | A04 |
| 08516 | | XA449 | 48 | | | | | | | | | GND | | | | | EXT | | | | | A04 |
| 02830 | | XA449 | 49 | | XA448 | 49 | | | 16B | 9 | | XB03AB | 01 | | | | EXT | | | | | A04 |
| 02831 | | XA449 | 50 | | XA448 | 50 | | | 16B | 9 | | XB03AR | 01 | | | | EXT | | | | | A04 |
| 08517 | | XA449 | 50 | | | | | | | | | GND | | | | | EXT | | | | | A04 |
| 02832 | | XA449 | 51 | | XA448 | 51 | | | 16B | 9 | | XB04AB | 01 | | | | EXT | | | | | A04 |
| 02833 | | XA449 | 52 | | XA448 | 52 | | | 16B | 9 | | XB04AR | 01 | | | | EXT | | | | | A04 |
| 08518 | | XA449 | 52 | | | | | | | | | GND | | | | | EXT | | | | | A04 |
| CONNECTOR XA449 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA449
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 344

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|--|--------|-----------|-----|--------|-----------|-----|-------|-------------|------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | DI FC | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 02834 | | XA449 | 53 | | XA448 | 53 | | | 16B | 9 | | | | | | | | | | | |
| 02835 | | XA449 | 54 | | XA448 | 54 | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 02836 | | XA449 | 55 | | XA448 | 55 | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 02837 | | XA449 | 56 | | XA448 | 56 | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 08520 | | XA449 | 56 | | | | | | | | | | | | | EXT | | | | | A04 |
| 02838 | | XA449 | 57 | | XA448 | 57 | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 00846 | | XA449 | 58 | | XA448 | 58 | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 08521 | | XA449 | 58 | | | | | | | | | | | | | EXT | | | | | A04 |
| 02839 | | XA449 | 59 | | XA448 | 59 | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 02840 | | XA449 | 60 | | XA448 | 60 | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 08522 | | XA449 | 60 | | | | | | | | | | | | | EXT | | | | | A04 |
| 02841 | | XA449 | 61 | | XA448 | 61 | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 02842 | | XA449 | 62 | | XA448 | 62 | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 08523 | | XA449 | 62 | | | | | | | | | | | | | EXT | | | | | A04 |
| 02843 | | XA449 | 63 | | XA448 | 63 | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 02844 | | XA449 | 64 | | XA448 | 64 | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 08524 | | XA449 | 64 | | | | | | | | | | | | | EXT | | | | | A04 |
| 02845 | | XA449 | 65 | | XA448 | 65 | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 02846 | | XA449 | 66 | | XA448 | 66 | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 08525 | | XA449 | 66 | | | | | | | | | | | | | EXT | | | | | A04 |
| 00847 | | XA449 | 67 | | XA448 | 67 | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 02847 | | XA449 | 68 | | XA448 | 68 | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 08526 | | XA449 | 68 | | | | | | | | | | | | | EXT | | | | | A04 |
| 02848 | | XA449 | 69 | | XA448 | 69 | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 02849 | | XA449 | 70 | | XA448 | 70 | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 08527 | | XA449 | 70 | | | | | | | | | | | | | EXT | | | | | A04 |
| 02850 | | XA449 | 71 | | XA448 | 71 | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 02851 | | XA449 | 72 | | XA448 | 72 | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 08528 | | XA449 | 72 | | | | | | | | | | | | | EXT | | | | | A04 |
| 02852 | | XA449 | 73 | | XA448 | 73 | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 02853 | | XA449 | 74 | | XA448 | 74 | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 02854 | | XA449 | 75 | | XA448 | 75 | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 02855 | | XA449 | 76 | | XA448 | 76 | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 02856 | | XA449 | 77 | | XA448 | 77 | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 02857 | | XA449 | 78 | | XA448 | 78 | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 08529 | | XA449 | 78 | | | | | | | | | | | | | EXT | | | | | A04 |
| 02858 | | XA449 | 79 | | XA448 | 79 | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 02859 | | XA449 | 80 | | XA448 | 80 | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 08530 | | XA449 | 80 | | | | | | | | | | | | | EXT | | | | | A04 |
| 02860 | | XA450 | 01 | | XA447 | 42 | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 00848 | | XA450 | 02 | | XA445 | 45 | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 08531 | | XA450 | 02 | | | | | | | | | | | | | EXT | | | | | A04 |
| 02861 | | XA450 | 03 | | XA447 | 43 | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 02862 | | XA450 | 04 | | XA445 | 05 | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 02896 | | XA450 | 04 | | | | | | | | | | | | | EXT | | | | | A04 |
| 02863 | | XA450 | 05 | | XA447 | 48 | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| 02864 | | XA450 | 06 | | XA445 | 19 | | | 16B | 9 | | | | | | EXT | | | | | A04 |
| CONNECTOR XA450 CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA450
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 345

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | OR IN | PREFIX | CONNECTOR | PIN | OR IN | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 08546 | | XA450 | 06 | | | | | | | | | | GND | | | | | EXT | | | | | A04 |
| 02865 | | XA450 | 07 | | | XA447 | 49 | | | 16B | 9 | | XA02BB | 02 | | | | EXT | | | | | A04 |
| 02866 | | XA450 | 08 | | | XA445 | 16 | | | 16B | 9 | | XA02BR | 00 | | | | EXT | | | | | A04 |
| 02899 | | XA450 | 08 | | | | | | | | | | GND | 01 | | | | EXT | | | | | A04 |
| 02867 | | XA450 | 09 | | | XA447 | 52 | | | 16B | 9 | | XA03BB | 02 | | | | EXT | | | | | A04 |
| 02868 | | XA450 | 10 | | | XA445 | 02 | | | 16B | 9 | | XA03BR | 02 | | | | EXT | | | | | A04 |
| 02869 | | XA450 | 11 | | | XA447 | 53 | | | 16B | 9 | | XA04BB | 02 | | | | EXT | | | | | A04 |
| 00151 | | XA450 | 12 | | | XA445 | 25 | | | 16B | 9 | | XA04BR | 00 | | | | EXT | | | | | A04 |
| 02901 | | XA450 | 12 | | | | | | | | | | GND | 01 | | | | EXT | | | | | A04 |
| 02870 | | XA450 | 13 | | | XA447 | 56 | | | 16B | 9 | | XA05BB | 02 | | | | EXT | | | | | A04 |
| 02871 | | XA450 | 14 | | | XA445 | 39 | | | 16B | 9 | | XA05BR | 00 | | | | EXT | | | | | A04 |
| 02903 | | XA450 | 14 | | | | | | | | | | GND | 01 | | | | EXT | | | | | A04 |
| 02872 | | XA450 | 15 | | | XA447 | 59 | | | 16B | 9 | | XA06BB | 02 | | | | EXT | | | | | A04 |
| 00849 | | XA450 | 16 | | | XA445 | 42 | | | 16B | 9 | | XA06BR | 00 | | | | EXT | | | | | A04 |
| 08532 | | XA450 | 16 | | | | | | | | | | GND | | | | | EXT | | | | | A04 |
| 02873 | | XA450 | 17 | | | XA447 | 62 | | | 16B | 9 | | XA07BB | 02 | | | | EXT | | | | | A04 |
| 02874 | | XA450 | 18 | | | XA445 | 21 | | | 16B | 9 | | XA07BR | 00 | | | | EXT | | | | | A04 |
| 08533 | | XA450 | 18 | | | | | | | | | | GND | | | | | EXT | | | | | A04 |
| 02875 | | XA450 | 19 | | | XA447 | 63 | | | 16B | 9 | | XAR0BB | 02 | | | | EXT | | | | | A04 |
| 02876 | | XA450 | 20 | | | XA451 | 20 | | | 16B | 9 | | XAR0BR | 01 | | | | EXT | | | | | A04 |
| 08534 | | XA450 | 20 | | | | | | | | | | GND | | | | | EXT | | | | | A04 |
| 02877 | | XA450 | 21 | | | | | | | | | | XAR1BB | 02 | | | | EXT | | | | | A04 |
| 02878 | | XA450 | 22 | | | XA451 | 22 | | | 16B | 9 | | XAR1BR | 01 | | | | EXT | | | | | A04 |
| 08535 | | XA450 | 22 | | | | | | | | | | GND | | | | | EXT | | | | | A04 |
| 02879 | | XA450 | 23 | | | | | | | | | | XAR2BB | 02 | | | | EXT | | | | | A04 |
| 02880 | | XA450 | 24 | | | | | | | | | M | XAR2BR | 01 | | | | EXT | | | | | A04 |
| 08536 | | XA450 | 24 | | | | | | | | | | GND | | | | | EXT | | | | | A04 |
| 02881 | | XA450 | 25 | | | | | | | | | | XAR3BB | 02 | | | | EXT | | | | | A04 |
| 02882 | | XA450 | 26 | | | | | | | | | M | XAR3BR | 01 | | | | EXT | | | | | A04 |
| 08537 | | XA450 | 26 | | | | | | | | | | GND | | | | | EXT | | | | | A04 |
| 02883 | | XA450 | 27 | | | XA447 | 66 | | | 16B | 9 | | XAR4BB | 02 | | | | EXT | | | | | A04 |
| 00152 | | XA450 | 28 | | | | | | | | | M | XAR4BR | 01 | | | | EXT | | | | | A04 |
| 08538 | | XA450 | 28 | | | | | | | | | | GND | | | | | EXT | | | | | A04 |
| 02884 | | XA450 | 29 | | | | | | | | | | XAR5BB | 02 | | | | EXT | | | | | A04 |
| 02885 | | XA450 | 30 | | | | | | | | | M | XAR5BR | 01 | | | | EXT | | | | | A04 |
| 08539 | | XA450 | 30 | | | | | | | | | | GND | | | | | EXT | | | | | A04 |
| 02886 | | XA450 | 31 | | | XA447 | 71 | | | 16B | 9 | | XAR6BB | 02 | | | | EXT | | | | | A04 |
| 00850 | | XA450 | 32 | | | | | | | | | M | XAR6BR | 01 | | | | EXT | | | | | A04 |
| 08540 | | XA450 | 32 | | | | | | | | | | GND | | | | | EXT | | | | | A04 |
| 02887 | | XA450 | 33 | | | XA447 | 74 | | | 16B | 9 | | XAR7BB | 02 | | | | EXT | | | | | A04 |
| 02888 | | XA450 | 34 | | | | | | | | | M | XAR7BR | 02 | | | | EXT | | | | | A04 |
| 08541 | | XA450 | 34 | | | | | | | | | | GND | | | | | EXT | | | | | A04 |
| 02889 | | XA450 | 35 | | | XA447 | 75 | | | 16B | 9 | | XAENBB | 02 | | | | EXT | | | | | A04 |
| 02890 | | XA450 | 36 | | | XA445 | 44 | | | 16B | 9 | | XAENBR | 02 | | | | EXT | | | | | A04 |
| 08542 | | XA450 | 36 | | | | | | | | | | GND | | | | | EXT | | | | | A04 |
| 02891 | | XA450 | 37 | | | XA447 | 78 | | | 16B | 9 | | XACMBB | 02 | | | | EXT | | | | | A04 |
| 02892 | | XA450 | 38 | | | XA445 | 58 | | | 16B | 9 | | XACMBR | 00 | | | | EXT | | | | | A04 |
| 08543 | | XA450 | 38 | | | | | | | | | | GND | | | | | EXT | | | | | A04 |
| 02893 | | XA450 | 39 | | | XA447 | 79 | | | 16B | 9 | | XAINBB | 02 | | | | EXT | | | | | A04 |
| 02894 | | XA450 | 40 | | | XA445 | 53 | | | 16B | 9 | | XAINBR | 00 | | | | EXT | | | | | A04 |
| CONNECTOR XA450 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA451
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 346

| RECORD NUMBER | FROM | | | SH 12 | TO | | | SH 12 | WIRE | | | | SPE INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|-----------|-----------|---------------------------------|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | |
| 08544 | | XA450 | 40 | | | | | | | | | | GND | | | | | EXT | | | | | A04 | |
| 02895 | | XA450 | 41 | | | | | | | | | | XB0PBB | 02 | | | | EXT | | | | | A04 | |
| 08545 | | XA450 | 42 | | | | | | | | | | GND | | | | | EXT | | | | | A04 | |
| 02897 | | XA450 | 43 | | | | | | | | | | XB00BB | 02 | | | | EXT | | | | | A04 | |
| 00851 | | XA450 | 44 | | | | | | | | | | GND | 01 | | | | EXT | | | | | A04 | |
| 02898 | | XA450 | 45 | | | | | | | | | | XB01BB | 02 | | | | EXT | | | | | A04 | |
| 08547 | | XA450 | 46 | | | | | | | | | | GND | | | | | EXT | | | | | A04 | |
| 02900 | | XA450 | 47 | | | | | | | | | | XB02BB | 02 | | | | EXT | | | | | A04 | |
| 08548 | | XA450 | 48 | | | | | | | | | | GND | | | | | EXT | | | | | A04 | |
| 02902 | | XA450 | 49 | | | | | | | | | | XB03BB | 02 | | | | EXT | | | | | A04 | |
| 08549 | | XA450 | 50 | | | | | | | | | | GND | | | | | EXT | | | | | A04 | |
| 02904 | | XA450 | 51 | | | | | | | | | | XB04BB | 02 | | | | EXT | | | | | A04 | |
| 08550 | | XA450 | 52 | | | | | | | | | | GND | | | | | EXT | | | | | A04 | |
| 02906 | | XA450 | 53 | | | | | | | | | | XB05BB | 02 | | | | EXT | | | | | A04 | |
| 08551 | | XA450 | 54 | | | | | | | | | | GND | | | | | EXT | | | | | A04 | |
| 02908 | | XA450 | 55 | | | | | | | | | | XB06BB | 02 | | | | EXT | | | | | A04 | |
| 08552 | | XA450 | 56 | | | | | | | | | | GND | | | | | EXT | | | | | A04 | |
| 02910 | | XA450 | 57 | | | | | | | | | | XB07BB | 02 | | | | EXT | | | | | A04 | |
| 00852 | | XA450 | 58 | | | | | | | | | | GND | 01 | | | | EXT | | | | | A04 | |
| 02911 | | XA450 | 59 | | | | | | | | | | XBR0BB | 02 | | | | EXT | | | | | A04 | |
| 08554 | | XA450 | 60 | | | | | | | | | | GND | | | | | EXT | | | | | A04 | |
| 02913 | | XA450 | 61 | | | | | | | | | | XBR1BB | 02 | | | | EXT | | | | | A04 | |
| 08555 | | XA450 | 62 | | | | | | | | | | GND | | | | | EXT | | | | | A04 | |
| 02915 | | XA450 | 63 | | | | | | | | | | XBR2BB | 02 | | | | EXT | | | | | A04 | |
| 08556 | | XA450 | 64 | | | | | | | | | | GND | | | | | EXT | | | | | A04 | |
| 02917 | | XA450 | 65 | | | | | | | | | | XBR3BB | 02 | | | | EXT | | | | | A04 | |
| 08557 | | XA450 | 66 | | | | | | | | | | GND | | | | | EXT | | | | | A04 | |
| 00853 | | XA450 | 67 | | | | | | | | | | XBR4BB | 02 | | | | EXT | | | | | A04 | |
| 08558 | | XA450 | 68 | | | | | | | | | | GND | | | | | EXT | | | | | A04 | |
| 02920 | | XA450 | 69 | | | | | | | | | | XBR5BB | 02 | | | | EXT | | | | | A04 | |
| 08559 | | XA450 | 70 | | | | | | | | | | GND | | | | | EXT | | | | | A04 | |
| 02922 | | XA450 | 71 | | | | | | | | | | XBR6BB | 02 | | | | EXT | | | | | A04 | |
| 08560 | | XA450 | 72 | | | | | | | | | | GND | | | | | EXT | | | | | A04 | |
| 02924 | | XA450 | 73 | | | | | | | | | | XBR7BB | 02 | | | | EXT | | | | | A04 | |
| 02925 | | XA450 | 74 | | | | | | | | | | XBR7BR | 02 | | | | EXT | | | | | A04 | |
| 02926 | | XA450 | 75 | | | | | | | | | | XBENBB | 02 | | | | EXT | | | | | A04 | |
| 02927 | | XA450 | 76 | | | | | | | | | | XBENBR | 02 | | | | EXT | | | | | A04 | |
| 02928 | | XA450 | 77 | | | | | | | | | | XBCM BB | 02 | | | | EXT | | | | | A04 | |
| 08561 | | XA450 | 78 | | | | | | | | | | GND | | | | | EXT | | | | | A04 | |
| 02930 | | XA450 | 79 | | | | | | | | | | XBINBB | 02 | | | | EXT | | | | | A04 | |
| 08562 | | XA450 | 80 | | | | | | | | | | GND | | | | | EXT | | | | | A04 | |
| 02932 | | XA451 | 01 | | | XA450 | 01 | | | | | 16B | 9 | XA0PBB | 01 | | | EXT | | | | | A04 | |
| 00854 | | XA451 | 02 | | | | | | | | | | | GND | 01 | | | EXT | | | | | A04 | |
| 48412 | | XA451 | 02 | | | XA450 | 02 | | | | | 16B | 9 | XA0PBR | 0F | | | EXT | | | | | A04 | |
| 02933 | | XA451 | 03 | | | XA450 | 03 | | | | | 16B | 9 | XA00BB | 01 | | | EXT | | | | | A04 | |
| 02934 | | XA451 | 04 | | | | | | | | | | | GND | 01 | | | EXT | | | | | A04 | |
| 48415 | | XA451 | 04 | | | XA450 | 04 | | | | | 16B | 9 | XA00BR | 0F | | | EXT | | | | | A04 | |
| 02935 | | XA451 | 05 | | | XA450 | 05 | | | | | 16B | 9 | XA01BB | 01 | | | EXT | | | | | A04 | |
| | CONNECTOR | XA451 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA451
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 347

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SPE INST | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|------|-------|-------------|------|----------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FC | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | | | | | | | | | | | | |
| 02936 | | XA451 | 06 | | | | | | | | | GND | 01 | | | | EXT | | | | | |
| 48416 | | XA451 | 06 | | XA450 | 06 | | | 16B | 9 | | XA01BR | 0F | | | | EXT | | | | | A04 |
| 02937 | | XA451 | 07 | | XA450 | 07 | | | 16B | 9 | | XA02BB | 01 | | | | EXT | | | | | A04 |
| 02938 | | XA451 | 08 | | | | | | | | | GND | 01 | | | | EXT | | | | | A04 |
| 48419 | | XA451 | 08 | | XA450 | 08 | | | 16B | 9 | | XA02BR | 0F | | | | EXT | | | | | A04 |
| 02939 | | XA451 | 09 | | XA450 | 09 | | | 16B | 9 | | XA03BB | 01 | | | | EXT | | | | | A04 |
| 02940 | | XA451 | 10 | | XA450 | 10 | | | 16B | 9 | | XA03BR | 01 | | | | EXT | | | | | A04 |
| 02941 | | XA451 | 11 | | XA450 | 11 | | | 16B | 9 | | XA04BB | 01 | | | | EXT | | | | | A04 |
| 00153 | | XA451 | 12 | | | | | | | | | GND | 01 | | | | EXT | | | | | A04 |
| 48426 | | XA451 | 12 | | XA450 | 12 | | | 16B | 9 | | XA04BR | 0F | | | | EXT | | | | | A04 |
| 02942 | | XA451 | 13 | | XA450 | 13 | | | 16B | 9 | | XA05BB | 01 | | | | EXT | | | | | A04 |
| 02943 | | XA451 | 14 | | | | | | | | | GND | 01 | | | | EXT | | | | | A04 |
| 48427 | | XA451 | 14 | | XA450 | 14 | | | 16B | 9 | | XA05BR | 0F | | | | EXT | | | | | A04 |
| 02944 | | XA451 | 15 | | XA450 | 15 | | | 16B | 9 | | XA06BB | 01 | | | | EXT | | | | | A04 |
| 00855 | | XA451 | 16 | | | | | | | | | GND | 01 | | | | EXT | | | | | A04 |
| 48428 | | XA451 | 16 | | XA450 | 16 | | | 16B | 9 | | XA06BR | 0F | | | | EXT | | | | | A04 |
| 02945 | | XA451 | 17 | | XA450 | 17 | | | 16B | 9 | | XA07BB | 01 | | | | EXT | | | | | A04 |
| 02946 | | XA451 | 18 | | | | | | | | | GND | 01 | | | | EXT | | | | | A04 |
| 48429 | | XA451 | 18 | | XA450 | 18 | | | 16B | 9 | | XA07BR | 0F | | | | EXT | | | | | A04 |
| 02947 | | XA451 | 19 | | XA450 | 19 | | | 16B | 9 | | XAR0BB | 01 | | | | EXT | | | | | A04 |
| 02948 | | XA451 | 20 | | | | | | | | | GND | 01 | | | | EXT | | | | | A04 |
| 48408 | | XA451 | 20 | | | | | | | | | XAR0BR | 02 | | | | EXT | | | | | A04 |
| 02949 | | XA451 | 21 | | XA450 | 21 | | | 16B | 9 | | XAR1BB | 01 | | | | EXT | | | | | A04 |
| 02950 | | XA451 | 22 | | | | | | | | | GND | 01 | | | | EXT | | | | | A04 |
| 48409 | | XA451 | 22 | | | | | | | | | XAR1BR | 02 | | | | EXT | | | | | A04 |
| 02951 | | XA451 | 23 | | XA450 | 23 | | | 16B | 9 | | XAR2BB | 01 | | | | EXT | | | | | A04 |
| 02952 | | XA451 | 24 | | | | | | | | | GND | 01 | | | | EXT | | | | | A04 |
| 02953 | | XA451 | 25 | | XA450 | 25 | | | 16B | 9 | | XAR3BB | 01 | | | | EXT | | | | | A04 |
| 02954 | | XA451 | 26 | | | | | | | | | GND | 01 | | | | EXT | | | | | A04 |
| 02955 | | XA451 | 27 | | XA450 | 27 | | | 16B | 9 | | XAR4BB | 01 | | | | EXT | | | | | A04 |
| 00154 | | XA451 | 28 | | | | | | | | | GND | 01 | | | | EXT | | | | | A04 |
| 02956 | | XA451 | 29 | | XA450 | 29 | | | 16B | 9 | | XAR5BB | 01 | | | | EXT | | | | | A04 |
| 02957 | | XA451 | 30 | | | | | | | | | GND | 01 | | | | EXT | | | | | A04 |
| 02958 | | XA451 | 31 | | XA450 | 31 | | | 16B | 9 | | XAR6BB | 01 | | | | EXT | | | | | A04 |
| 00856 | | XA451 | 32 | | | | | | | | | GND | 01 | | | | EXT | | | | | A04 |
| 02959 | | XA451 | 33 | | XA450 | 33 | | | 16B | 9 | | XAR7BB | 01 | | | | EXT | | | | | A04 |
| 02960 | | XA451 | 34 | | | | | | | | | GND | 01 | | | | EXT | | | | | A04 |
| 02961 | | XA451 | 35 | | XA450 | 35 | | | 16B | 9 | | XAENBB | 01 | | | | EXT | | | | | A04 |
| 02962 | | XA451 | 36 | | | | | | | | | GND | 01 | | | | EXT | | | | | A04 |
| 48403 | | XA451 | 36 | | XA450 | 36 | | | 16B | 9 | | XAENBR | 0F | | | | EXT | | | | | A04 |
| 02963 | | XA451 | 37 | | XA450 | 37 | | | 16B | 9 | | XACMBB | 01 | | | | EXT | | | | | A04 |
| 02964 | | XA451 | 38 | | | | | | | | | GND | 01 | | | | EXT | | | | | A04 |
| 48402 | | XA451 | 38 | | XA450 | 38 | | | 16B | 9 | | XACMBR | 0F | | | | EXT | | | | | A04 |
| 02965 | | XA451 | 39 | | XA450 | 39 | | | 16B | 9 | | XAINBB | 01 | | | | EXT | | | | | A04 |
| 02966 | | XA451 | 40 | | | | | | | | | GND | 01 | | | | EXT | | | | | A04 |
| 48405 | | XA451 | 40 | | XA450 | 40 | | | 16B | 9 | | XAINBR | 0F | | | | EXT | | | | | A04 |
| 02967 | | XA451 | 41 | | XA450 | 41 | | | 16B | 9 | | XBOPBB | 01 | | | | EXT | | | | | A04 |
| 02968 | | XA451 | 42 | | | | | | | | | GND | 01 | | | | EXT | | | | | A04 |
| 02969 | | XA451 | 43 | | XA450 | 43 | | | 16B | 9 | | XB00BB | 01 | | | | EXT | | | | | A04 |
| 00857 | | XA451 | 44 | | | | | | | | | GND | 01 | | | | EXT | | | | | A04 |
| CONNECTOR XA451 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA451
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 348

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FTG | PREFIX | CONNECTOR | PIN | SH FTG | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 02970 | | XA451 | 45 | | XA450 | 45 | | | | 16B | 9 | | | XB01BB | 01 | | | EXT | | | | | A04 |
| 02971 | | XA451 | 46 | | XA450 | 45 | | | | 16B | 9 | | | GND | 01 | | | EXT | | | | | A04 |
| 02972 | | XA451 | 47 | | XA450 | 47 | | | | 16B | 9 | | | XB02BB | 01 | | | EXT | | | | | A04 |
| 02973 | | XA451 | 48 | | XA450 | 47 | | | | 16B | 9 | | | GND | 01 | | | EXT | | | | | A04 |
| 02974 | | XA451 | 49 | | XA450 | 49 | | | | 16B | 9 | | | XB03BB | 01 | | | EXT | | | | | A04 |
| 02975 | | XA451 | 50 | | XA450 | 49 | | | | 16B | 9 | | | GND | 01 | | | EXT | | | | | A04 |
| 02976 | | XA451 | 51 | | XA450 | 51 | | | | 16B | 9 | | | XB04BB | 01 | | | EXT | | | | | A04 |
| 02977 | | XA451 | 52 | | XA450 | 51 | | | | 16B | 9 | | | GND | 01 | | | EXT | | | | | A04 |
| 02978 | | XA451 | 53 | | XA450 | 53 | | | | 16B | 9 | | | XB05BB | 01 | | | EXT | | | | | A04 |
| 02979 | | XA451 | 54 | | XA450 | 53 | | | | 16B | 9 | | | GND | 01 | | | EXT | | | | | A04 |
| 02980 | | XA451 | 55 | | XA450 | 55 | | | | 16B | 9 | | | XB06BB | 01 | | | EXT | | | | | A04 |
| 02981 | | XA451 | 56 | | XA450 | 55 | | | | 16B | 9 | | | GND | 01 | | | EXT | | | | | A04 |
| 02982 | | XA451 | 57 | | XA450 | 57 | | | | 16B | 9 | | | XB07BB | 01 | | | EXT | | | | | A04 |
| 00858 | | XA451 | 58 | | XA450 | 57 | | | | 16B | 9 | | | GND | 01 | | | EXT | | | | | A04 |
| 02983 | | XA451 | 59 | | XA450 | 59 | | | | 16B | 9 | | | XBR0BB | 01 | | | EXT | | | | | A04 |
| 02984 | | XA451 | 60 | | XA450 | 59 | | | | 16B | 9 | | | GND | 01 | | | EXT | | | | | A04 |
| 02985 | | XA451 | 61 | | XA450 | 61 | | | | 16B | 9 | | | XBR1BB | 01 | | | EXT | | | | | A04 |
| 02986 | | XA451 | 62 | | XA450 | 61 | | | | 16B | 9 | | | GND | 01 | | | EXT | | | | | A04 |
| 02987 | | XA451 | 63 | | XA450 | 63 | | | | 16B | 9 | | | XBR2BB | 01 | | | EXT | | | | | A04 |
| 02988 | | XA451 | 64 | | XA450 | 63 | | | | 16B | 9 | | | GND | 01 | | | EXT | | | | | A04 |
| 02989 | | XA451 | 65 | | XA450 | 65 | | | | 16B | 9 | | | XBR3BB | 01 | | | EXT | | | | | A04 |
| 02990 | | XA451 | 66 | | XA450 | 65 | | | | 16B | 9 | | | GND | 01 | | | EXT | | | | | A04 |
| 00859 | | XA451 | 67 | | XA450 | 67 | | | | 16B | 9 | | | XBR4BB | 01 | | | EXT | | | | | A04 |
| 02991 | | XA451 | 68 | | XA450 | 67 | | | | 16B | 9 | | | GND | 01 | | | EXT | | | | | A04 |
| 02992 | | XA451 | 69 | | XA450 | 69 | | | | 16B | 9 | | | XBR5BB | 01 | | | EXT | | | | | A04 |
| 02993 | | XA451 | 70 | | XA450 | 69 | | | | 16B | 9 | | | GND | 01 | | | EXT | | | | | A04 |
| 02994 | | XA451 | 71 | | XA450 | 71 | | | | 16B | 9 | | | XBR6BB | 01 | | | EXT | | | | | A04 |
| 02995 | | XA451 | 72 | | XA450 | 71 | | | | 16B | 9 | | | GND | 01 | | | EXT | | | | | A04 |
| 02996 | | XA451 | 73 | | XA450 | 73 | | | | 16B | 9 | | | XBR7BB | 01 | | | EXT | | | | | A04 |
| 02997 | | XA451 | 74 | | XA450 | 74 | | | | 16B | 9 | | | XBR7BR | 01 | | | EXT | | | | | A04 |
| 02998 | | XA451 | 75 | | XA450 | 75 | | | | 16B | 9 | | | XBR7BR | 01 | | | EXT | | | | | A04 |
| 02999 | | XA451 | 76 | | XA450 | 76 | | | | 16B | 9 | | | XBENBB | 01 | | | EXT | | | | | A04 |
| 03000 | | XA451 | 77 | | XA450 | 76 | | | | 16B | 9 | | | XBENBR | 01 | | | EXT | | | | | A04 |
| 03001 | | XA451 | 78 | | XA450 | 77 | | | | 16B | 9 | | | XBCM8B | 01 | | | EXT | | | | | A04 |
| 03002 | | XA451 | 79 | | XA450 | 77 | | | | 16B | 9 | | | GND | 01 | | | EXT | | | | | A04 |
| 03003 | | XA451 | 80 | | XA450 | 79 | | | | 16B | 9 | | | XBINBB | 01 | | | EXT | | | | | A04 |
| | | | | | | | | | | | | | | GND | 01 | | | EXT | | | | | A04 |
| 03004 | | XA501 | 01 | | | | | | | | | | | SPP | 01 | | | | | | | | |
| 00860 | | XA501 | 02 | | | | | | | | | | | GND | 01 | | | | | | | | |
| 03005 | | XA501 | 03 | | | | | | | | | | | SPP | 01 | | | | | | | | |
| 03006 | | XA501 | 04 | | | | | | | | | | | SPP | 01 | | | | | | | | |
| 03007 | | XA501 | 05 | | | | | | | | | | | SPP | 01 | | | | | | | | |
| 03008 | | XA501 | 06 | | | | | | | | | | | SPP | 01 | | | | | | | | |
| 03009 | | XA501 | 07 | | | | | | | | | | | SPP | 01 | | | | | | | | |
| 03010 | | XA501 | 08 | | | | | | | | | | | SPP | 01 | | | | | | | | |
| 03011 | | XA501 | 09 | | | | | | | | | | | SPP | 01 | | | | | | | | |
| 03012 | | XA501 | 10 | | | | | | | | | | | SPP | 01 | | | | | | | | |
| 03013 | | XA501 | 11 | | | | | | | | | | | SPP | 01 | | | | | | | | |
| 00155 | | XA501 | 12 | | | | | | | | | | | +5V | 01 | | | | | | | | |
| CONNECTOR XA501 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA501
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC5 FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 349

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|--------|-----------|------|--------|-------------|------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DR FEG | PREFIX | CONNECTOR | PIN | DR FEG | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 03014 | | XA501 | 13 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03015 | | XA501 | 14 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03016 | | XA501 | 15 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 00861 | | XA501 | 16 | | | | | | | | | GND | 01 | | | | | | | | | |
| 03017 | | XA501 | 17 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03018 | | XA501 | 18 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03019 | | XA501 | 19 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03020 | | XA501 | 20 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03021 | | XA501 | 21 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03022 | | XA501 | 22 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03023 | | XA501 | 23 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03024 | | XA501 | 24 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03025 | | XA501 | 25 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03026 | | XA501 | 26 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03027 | | XA501 | 27 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 00156 | | XA501 | 28 | | | | | | | | | +5V | 01 | | | | | | | | | |
| 03028 | | XA501 | 29 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03029 | | XA501 | 30 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03030 | | XA501 | 31 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 00862 | | XA501 | 32 | | | | | | | | | GND | 01 | | | | | | | | | |
| 03031 | | XA501 | 33 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03032 | | XA501 | 34 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03033 | | XA501 | 35 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03034 | | XA501 | 36 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03035 | | XA501 | 37 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03036 | | XA501 | 38 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03037 | | XA501 | 39 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03038 | | XA501 | 40 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03039 | | XA501 | 41 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03040 | | XA501 | 42 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03041 | | XA501 | 43 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 00863 | | XA501 | 44 | | | | | | | | | GND | 01 | | | | | | | | | |
| 03042 | | XA501 | 45 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03043 | | XA501 | 46 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03044 | | XA501 | 47 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03045 | | XA501 | 48 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03046 | | XA501 | 49 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03047 | | XA501 | 50 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03048 | | XA501 | 51 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03049 | | XA501 | 52 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03050 | | XA501 | 53 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03051 | | XA501 | 54 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03052 | | XA501 | 55 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03053 | | XA501 | 56 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03054 | | XA501 | 57 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 00864 | | XA501 | 58 | | | | | | | | | GND | 01 | | | | | | | | | |
| 03055 | | XA501 | 59 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03056 | | XA501 | 60 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03057 | | XA501 | 61 | | | | | | | | | SPP | 01 | | | | | | | | | |
| 03058 | | XA501 | 62 | | | | | | | | | SPP | 01 | | | | | | | | | |
| CONNECTOR (XA501) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1364

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA501
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 350

| RECORD NUMBER | FROM | | | BRFC | TO | | | MULTI GROUP | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|------|--------|-----------|-----|-------------|------|------|-------|---------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | | BRFC | CODE | COLOR | IDENT | | | | | | | | | | | |
| 03059 | | XA501 | 63 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 03060 | | XA501 | 64 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 03061 | | XA501 | 65 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 03062 | | XA501 | 66 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 03065 | | XA501 | 67 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 03063 | | XA501 | 68 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 03064 | | XA501 | 69 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 03065 | | XA501 | 70 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 03066 | | XA501 | 71 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 03067 | | XA501 | 72 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 03068 | | XA501 | 73 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 03069 | | XA501 | 74 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 03070 | | XA501 | 75 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 03071 | | XA501 | 76 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 03072 | | XA501 | 77 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 03073 | | XA501 | 78 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 03074 | | XA501 | 79 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 03075 | | XA501 | 80 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 05394 | | XA502 | 01 | | | | | | | | | TRUNAS | 04 | TRUNAR | 01 | 1 | TS8 | A1 | | | 02B | | |
| 00866 | | XA502 | 02 | | | | | | | | | GND | 01 | | | | TS8 | | | | 01A | | |
| 00380 | | XA502 | 03 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 05950 | | XA502 | 04 | | XA407 | 70 | | | 16B | 9 | | TSTP6A | 01 | TRUNAR | 01 | 2 | TS8 | A1 | | | 04A | | |
| 05402 | | XA502 | 05 | | | | | | | | | SPIO09 | 08 | TRUNAR | 01 | 3 | TS8 | A1 | | | 03B | B05 | |
| 05405 | | XA502 | 06 | | | | | | | | | TRUN3A | 02 | TRUNAR | 01 | 4 | TS8 | A1 | | | 05A | | |
| 07424 | | XA502 | 07 | | XA508 | 42 | | | 16B | 9 | | TXRS1B | 21 | TRUNAR | 01 | 5 | TS8 | A1 | | | 03A | | |
| 01659 | | XA502 | 08 | | XA503 | 08 | | | 16B | 9 | | SPIO18 | 27 | TRUNAR | 01 | 6 | TS8 | A1 | | | 06A | | |
| 00381 | | XA502 | 09 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 01297 | | XA502 | 10 | | XA507 | 10 | | | 16B | 9 | | SPIO03 | 32 | TRUNAR | 01 | 7 | TS8 | A1 | | | 07A | | |
| 05389 | | XA502 | 11 | | XA505 | 03 | | | 16B | 9 | | TRUNAR | 01 | TRUNAR | 00 | 1 | TS8 | A1 | | | 05B | | |
| 00157 | | XA502 | 12 | | | | | | | | | +5V | 01 | | | | TS8 | | | | | | |
| 01547 | | XA502 | 13 | | XA503 | 10 | | | 16B | 9 | | SPT012 | 09 | TRUNAR | 01 | 8 | TS8 | A1 | | | 06B | | |
| 05829 | | XA502 | 14 | | XA505 | 22 | | | 16B | 9 | | TSNC1S | 01 | TBSY0A | 01 | 1 | TS8 | B1 | | | 09A | | |
| 00382 | | XA502 | 15 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 00867 | | XA502 | 16 | | | | | | | | | GND | 01 | | | | TS8 | | | | 21B | | |
| 00383 | | XA502 | 17 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 05033 | | XA502 | 18 | | XA421 | 29 | | | 16B | 9 | | TRDY10X | 005 | TBSY0A | 01 | 2 | TS8 | B1 | | | 10A | B05 | |
| 03484 | | XA502 | 19 | | XA421 | 38 | | | 16B | 9 | | TADSW2X | 01 | TBSY0A | 01 | 3 | TS8 | B1 | | | 09B | B05 | |
| 03485 | | XA502 | 20 | | XA505 | 01 | | | 16B | 9 | | TBSY2A | 01 | TBSY0A | 01 | 4 | TS8 | B1 | | | 11A | | |
| 00384 | | XA502 | 21 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 04384 | | XA502 | 22 | | XA519 | 21 | | | 16B | 9 | | TFPE2A | 01 | TBSY0A | 01 | 5 | TS8 | B1 | | | 12A | | |
| 03482 | | XA502 | 23 | | | | | | | | | TBSY0A | 03 | TBSY0A | 00 | 1 | TS8 | B1 | | | 11B | NEW COMMAND BUSY I | |
| 03692 | | XA502 | 24 | | | | | | | | | TCILKO | 03 | TBSY0A | 01 | 6 | TS8 | B1 | | | 13A | | |
| 05716 | | XA502 | 25 | | | | | | | | | TSCK1B | 63 | TBSY0A | 01 | 7 | TS8 | B1 | | | 12B | | |
| 01658 | | XA502 | 26 | | XA502 | 08 | | | 16B | 9 | | SPIO18 | 26 | TBSY0A | 01 | 8 | TS8 | B1 | | | 14A | | |
| 00385 | | XA502 | 27 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 00158 | | XA502 | 28 | | | | | | | | | +5V | 01 | | | | TS8 | | | | | | |
| 00386 | | XA502 | 29 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 05822 | | XA502 | 30 | | XA511 | 76 | | | 16B | 9 | | TSNC0S | 03 | TSNC0A | 01 | 1 | TS8 | C1 | | | 15A | B08 | |
| CONNECTOR XA502 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1365

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA502
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 351

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|--------|--------|----------|--------|------|------------------|-------|---------------------|--------------------|--------------------|--------------------|
| | PREFIX | CONNECTOR | PIN | DR PC | PREFIX | CONNECTOR | PIN | DR PC | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 05840 | XA502 | 31 | | | XA505 | 17 | | | | 16B | 9 | | TSNC2R | 01 | TSNCOA | 01 | 2 | TS8 | C1 | | 15B | |
| 00868 | XA502 | 32 | | | | | | | | | | | GND | 01 | | | | TS8 | | | 27A | |
| 00387 | XA502 | 33 | | | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 03492 | XA502 | 34 | | | XA509 | 59 | | | | 16B | 9 | | TBUSYR | 03 | TSNCOA | 01 | 3 | TS8 | C1 | | 16A | |
| 05815 | XA502 | 35 | | | | | | | | | | | TSNCOA | 02 | TSNCOA | 00 | 1 | TS8 | C1 | | 17B | |
| 04601 | XA502 | 36 | | | XA506 | 35 | | | | 16B | 9 | | TLAD2S | 02 | TSNCOA | 01 | 4 | TS8 | C1 | | 17A | |
| 05751 | XA502 | 37 | | | XA502 | 54 | | | | 16B | 9 | | TSCL3B | 34 | TSNCOA | 01 | 5 | TS8 | C1 | | 18B | |
| 01294 | XA502 | 38 | | | XA503 | 24 | | | | 16B | 9 | | SPI003 | 29 | TSNCOA | 01 | 6 | TS8 | C1 | | 18A | |
| 00388 | XA502 | 39 | | | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 01636 | XA502 | 40 | | | XA502 | 56 | | | | 16B | 9 | | SPI018 | 04 | TSNCOA | 01 | 7 | TS8 | C1 | | 19A | |
| 00389 | XA502 | 41 | | | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 01545 | XA502 | 42 | | | XA503 | 25 | | | | 16B | 9 | | SPI012 | 07 | TSNCOA | 01 | 8 | TS8 | C1 | | 20A | |
| 05337 | XA502 | 43 | | | | | | | | | | | TRTDCO | 07 | TRMROA | 01 | 1 | TS8 | D1 | | 23B | |
| 00869 | XA502 | 44 | | | | | | | | | | | GND | 01 | | | | TS8 | | | 40A | |
| 00390 | XA502 | 45 | | | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 05106 | XA502 | 46 | | | | | | | | | | | TRENIS | 10 | TRMROA | 01 | 2 | TS8 | D1 | | 21A | |
| 05228 | XA502 | 47 | | | XA511 | 04 | | | | 16B | 9 | | TRMROA | 01 | TRMROA | 00 | 1 | TS8 | D1 | | 25B | INPUT REQUEST TO B |
| 04530 | XA502 | 48 | | | XA504 | 48 | | | | 16B | 9 | | TKBOOP | 02 | TRMROA | 01 | 3 | TS8 | D1 | | 22A | |
| 04543 | XA502 | 49 | | | XA504 | 49 | | | | 16B | 9 | | TKBO1Q | 01 | TRMROA | 01 | 4 | TS8 | D1 | | 26B | |
| 04486 | XA502 | 50 | | | XA514 | 47 | | | | 16B | 9 | | TKA01P | 02 | TRMROA | 01 | 5 | TS8 | D1 | | 23A | |
| 00391 | XA502 | 51 | | | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 04510 | XA502 | 52 | | | XA504 | 52 | | | | 16B | 9 | | TKA02Q | 05 | TRMROA | 01 | 6 | TS8 | D1 | | 24A | |
| 00392 | XA502 | 53 | | | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 05752 | XA502 | 54 | | | XA411 | 80 | | | | 16B | 9 | | TSCL3B | 35 | TRMROA | 01 | 7 | TS8 | D1 | | 25A | |
| 04013 | XA502 | 55 | | | XA527 | 71 | | | | 16B | 9 | | TC90BP | 02 | U1658A | 01 | 1 | TS8 | E1 | | 29B | B05 |
| 01637 | XA502 | 56 | | | XA503 | 56 | | | | 16B | 9 | | SPI018 | 05 | TRMROA | 01 | 8 | TS8 | D1 | | 24A | |
| 00393 | XA502 | 57 | | | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 00870 | XA502 | 58 | | | | | | | | | | | GND | 01 | | | | TS8 | | | | |
| 08088 | XA502 | 59 | | | XA523 | 76 | | | | 16B | 9 | | U1658A | 01 | U1658A | 00 | 1 | TS8 | E1 | | 31B | WRITE COUNT36-38US |
| 04024 | XA502 | 60 | | | XA527 | 72 | | | | 16B | 9 | | TC91BQ | 01 | U1658A | 01 | 2 | TS8 | E1 | | 28A | B05 |
| 03993 | XA502 | 61 | | | XA527 | 48 | | | | 16B | 9 | | TC80BP | A0 | U1658A | 01 | 3 | TS8 | E1 | | 32B | C03 |
| 04000 | XA502 | 62 | | | XA411 | 18 | | | | 16B | 9 | | TC84BP | 00 | U1658A | 01 | 4 | TS8 | E1 | | 29A | B05 |
| 00394 | XA502 | 63 | | | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 03944 | XA502 | 64 | | | | | | | | | | | TC70BQ | 06 | U1658A | 01 | 5 | TS8 | E1 | | 30A | B05 |
| 00395 | XA502 | 65 | | | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 03956 | XA502 | 66 | | | XA527 | 77 | | | | 16B | 9 | | TC73BP | 01 | U1658A | 01 | 6 | TS8 | E1 | | 31A | C03 |
| 00871 | XA502 | 67 | | | | | | | | | | | GND | 01 | | | | TS8 | | | | |
| 01542 | XA502 | 68 | | | XA503 | 79 | | | | 16B | 9 | | SPI012 | 04 | U1658A | 01 | 7 | TS8 | E1 | | 32A | B05 |
| 00396 | XA502 | 69 | | | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 01641 | XA502 | 70 | | | XA502 | 79 | | | | 16B | 9 | | SPI018 | 09 | U1658A | 01 | 8 | TS8 | E1 | | 33A | B05 |
| 04470 | XA502 | 71 | | | XA506 | 27 | | | | 16B | 9 | | TINT50 | 01 | TINT6A | 01 | 1 | TS8 | F1 | | 36A | |
| 03764 | XA502 | 72 | | | XA509 | 46 | | | | 16B | 9 | | TCSD0Q | 01 | TINT6A | 01 | 2 | TS8 | E1 | | 34A | |
| 05450 | XA502 | 73 | | | XA509 | 47 | | | | 16B | 9 | | TRW14A | 01 | TINT6A | 01 | 3 | TS8 | F1 | | 36B | |
| 05065 | XA502 | 74 | | | XA508 | 72 | | | | 16B | 9 | | TREDBP | 01 | TINT6A | 01 | 4 | TS8 | E1 | | 35B | |
| 05171 | XA502 | 75 | | | XA508 | 73 | | | | 16B | 9 | | TREWDP | 01 | TINT6A | 01 | 5 | TS8 | F1 | | 37B | |
| 04476 | XA502 | 76 | | | | | | | | | | | TINT6A | 04 | TINT6A | 00 | 1 | TS8 | E1 | | 37A | |
| 06061 | XA502 | 77 | | | | | | | | | | | TTASLP | 03 | TINT6A | 01 | 6 | TS8 | F1 | | 38B | |
| 01541 | XA502 | 78 | | | XA506 | 06 | | | | 16B | 9 | | TLAD2R | 005 | TINT6A | 01 | 7 | TS8 | E1 | | 38A | B08 |
| 01642 | XA502 | 79 | | | XA504 | 79 | | | | 16B | 9 | | SPI018 | 10 | TINT6A | 01 | 8 | TS8 | F1 | | 39B | |
| 00397 | XA502 | 80 | | | | | | | | | | | DNW | 01 | | | | TS8 | | | | |

H78-14 1366

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA503
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 352

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | CXT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | FCO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------|--------|----------|------|------------------|-------|---------------------|--------------------|------------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH/FC | PREFIX | CONNECTOR | PIN | SH/FC | MULTI GROUP | CODE | COLOR | IDEN: | | | | | | | | | | |
| 04547 | | XA503 | 01 | | | | | | | | | | TKC00P | 01 | TNSGOA | 01 | 1 | TS8 | A1 | 02B | | |
| 00872 | | XA503 | 02 | | XA510 | 76 | | | 16B | 9 | | | GND | 01 | | | | TS8 | | 01A | | |
| 00398 | | XA503 | 03 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 04559 | | XA503 | 04 | | | | | | | | | | TKC02P | 03 | TNSGOA | 01 | 2 | TS8 | A1 | 04A | | |
| 04499 | | XA503 | 05 | | | | | | | | | | TKA010 | 02 | TNSGOA | 01 | 3 | TS8 | A1 | 03B | | |
| 04505 | | XA503 | 06 | | | | | | | | | | TKA02P | 06 | TNSGOA | 01 | 4 | TS8 | A1 | 05A | | |
| 05757 | | XA503 | 07 | | XA504 | 10 | | | 16B | 9 | | | TSCK3B | 40 | TNSGOA | 01 | 5 | TS8 | A1 | 03A | | |
| 01660 | | XA503 | 08 | | XA504 | 13 | | | 16B | 9 | | | SPIO18 | 28 | TNSGOA | 01 | 6 | TS8 | A1 | 06A | | |
| 00399 | | XA503 | 09 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 01548 | | XA503 | 10 | | XA438 | 62 | | | 16B | 9 | | | SPIO12 | 10 | TNSGOA | 01 | 7 | TS8 | A1 | 07A | | |
| 04875 | | XA503 | 11 | | XA508 | 60 | | | 16B | 9 | | | TNSGOA | 01 | TNSGOA | 00 | 1 | TS8 | A1 | 05B | SET CHARACTER DETE | |
| 00159 | | XA503 | 12 | | | | | | | | | | +5V | 01 | | | | TS8 | | | | |
| 01296 | | XA503 | 13 | | XA502 | 10 | | | 16B | 9 | | | SPIO03 | 31 | TNSGOA | 01 | 8 | TS8 | A1 | 06B | | |
| 05985 | | XA503 | 14 | | XA406 | 65 | | | 16B | 9 | | | TSTR2S | 01 | TNDA2A | 01 | 1 | TS8 | B1 | 09A | | |
| 00400 | | XA503 | 15 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 00873 | | XA503 | 16 | | | | | | | | | | GND | 01 | | | | TS8 | | 21B | | |
| 00401 | | XA503 | 17 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 05890 | | XA503 | 18 | | XA406 | 48 | | | 16B | 9 | | | TSPNSQ | 01 | TNDA2A | 01 | 2 | TS8 | B1 | 10A | | |
| 03936 | | XA503 | 19 | | XA413 | 47 | | | 16B | 9 | | | TC60BP | 01 | TNDA2A | 01 | 3 | TS8 | B1 | 09B | B08 | |
| 06573 | | XA503 | 20 | | XA518 | 25 | | | 16B | 9 | | | TWRIEP | 05 | TNDA2A | 01 | 4 | TS8 | B1 | 11A | B02 | |
| 00402 | | XA503 | 21 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 05756 | | XA503 | 22 | | XA503 | 07 | | | 16B | 9 | | | TSCK3B | 39 | TNDA2A | 01 | 5 | TS8 | B1 | 12A | | |
| 04848 | | XA503 | 23 | | XA512 | 43 | | | 16B | 9 | | | TNDA2A | 01 | TNDA2A | 00 | 1 | TS8 | B1 | 11B | | |
| 01295 | | XA503 | 24 | | XA503 | 13 | | | 16B | 9 | | | SPIO03 | 30 | TNDA2A | 01 | 6 | TS8 | B1 | 13A | | |
| 01546 | | XA503 | 25 | | XA502 | 13 | | | 16B | 9 | | | SPIO12 | 08 | TNDA2A | 01 | 7 | TS8 | B1 | 12B | | |
| 01657 | | XA503 | 26 | | XA502 | 26 | | | 16B | 9 | | | SPIO18 | 25 | TNDA2A | 01 | 8 | TS8 | B1 | 14A | | |
| 00403 | | XA503 | 27 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 00160 | | XA503 | 28 | | | | | | | | | | +5V | 01 | | | | TS8 | | | | |
| 47953 | | XA503 | 28 | | | | | | | | | | +5VLOG1 | 02 | | | | TS8 | | | | |
| 00404 | | XA503 | 29 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 05103 | | XA503 | 30 | | XA504 | 31 | | | 16B | 9 | | | TREN1S | 07 | TRTDPA | 01 | 1 | TS8 | C1 | 15A | | |
| 06235 | | XA503 | 31 | | XA438 | 80 | | | 16B | 9 | | | TTPBPR | 01 | TRTDPA | 01 | 2 | TS8 | C1 | 15B | | |
| 00874 | | XA503 | 32 | | | | | | | | | | GND | 01 | | | | TS8 | | 27A | | |
| 00405 | | XA503 | 33 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 04491 | | XA503 | 34 | | XA504 | 37 | | | 16B | 9 | | | TKA01Q | 03 | TRTDPA | 01 | 3 | TS8 | C1 | 16A | | |
| 05342 | | XA503 | 35 | | | | | | | | | | TRTDPA | 03 | TRTDPA | 00 | 1 | TS8 | C1 | 17B | SET LATERAL PARITY B05 | |
| 04509 | | XA503 | 36 | | XA502 | 52 | | | 16B | 9 | | | TKA020 | 04 | TRTDPA | 01 | 4 | TS8 | C1 | 17A | | |
| 05750 | | XA503 | 37 | | XA502 | 37 | | | 16B | 9 | | | TSCL3B | 33 | TRTDPA | 01 | 5 | TS8 | C1 | 18B | | |
| 01635 | | XA503 | 38 | | XA502 | 40 | | | 16B | 9 | | | SPIO18 | 03 | TRTDPA | 01 | 6 | TS8 | C1 | 18A | | |
| 00406 | | XA503 | 39 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 01544 | | XA503 | 40 | | XA502 | 42 | | | 16B | 9 | | | SPIO12 | 06 | TRTDPA | 01 | 7 | TS8 | C1 | 19A | | |
| 00407 | | XA503 | 41 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 01293 | | XA503 | 42 | | XA502 | 38 | | | 16B | 9 | | | SPIO03 | 28 | TRTDPA | 01 | 8 | TS8 | C1 | 20A | | |
| 03770 | | XA503 | 43 | | | | | | | | | | TCSDOR | 04 | TSBZY0 | 01 | 1 | TS8 | D1 | 23B | | |
| 00875 | | XA503 | 44 | | | | | | | | | | GND | 01 | | | | TS8 | | 40A | | |
| 00408 | | XA503 | 45 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 05819 | | XA503 | 46 | | | | | | | | | | TSNCOR | 04 | TSBZY0 | 01 | 2 | TS8 | D1 | 21A | | |
| 05650 | | XA503 | 47 | | XA424 | 17 | | | 16B | 9 | | | TSBZY0 | 01 | TSBZY0 | 00 | 1 | TS8 | D1 | 25B | CONTROLLER BUSY | |
| 04464 | | XA503 | 48 | | | | | | | | | | TINT2A | 04 | TSBZY0 | 01 | 3 | TS8 | D1 | 22A | | |
| 04475 | | XA503 | 49 | | XA502 | 76 | | | 16B | 9 | | | TINT6A | 03 | TSBZY0 | 01 | 4 | TS8 | D1 | 26B | | |
| CONNECTOR XA503 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1367

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA503
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 353

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|--|--------|-----------|-----|--------|-----------|-----|-------------|------|-------|-------|--------|--------|----------|--------|------|------------------|-------|---------------------|--------------------|--------------------|--------------------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 07909 | | XA503 | 50 | | | | | | | | | TXXDIR | 03 | TSBZY0 | 01 | 5 | TS8 | D1 | | 23A | |
| 00409 | | XA503 | 51 | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 04654 | | XA503 | 52 | | XA523 | 24 | | 16B | 9 | | | TLPTBR | 01 | TSBZY0 | 01 | 6 | TS8 | D1 | | 24A | |
| 00410 | | XA503 | 53 | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 01543 | | XA503 | 54 | | XA503 | 40 | | 16B | 9 | | | SPIO12 | 05 | TSBZY0 | 01 | 7 | TS8 | D1 | | 25A | |
| 06239 | | XA503 | 55 | | XA542 | 35 | | 16B | 9 | | | TT00BP | 01 | TKRS10 | 01 | 1 | TS8 | E1 | | 24B | |
| 01638 | | XA503 | 56 | | XA504 | 56 | | 16B | 9 | | | SPIO18 | 06 | TSBZY0 | 01 | 8 | TS8 | D1 | | 26A | |
| 00411 | | XA503 | 57 | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 00876 | | XA503 | 58 | | | | | | | | | GND | 01 | | | | TS8 | | | | |
| 04572 | | XA503 | 59 | | XA505 | 48 | | 16B | 9 | | | TKRS10 | 01 | TKRS10 | 00 | 1 | TS8 | E1 | | 31B | |
| 06248 | | XA503 | 60 | | XA542 | 33 | | 16B | 9 | | | TT01BP | 01 | TKRS10 | 01 | 2 | TS8 | E1 | | 28A | |
| 06257 | | XA503 | 61 | | XA542 | 47 | | 16B | 9 | | | TT02BP | 01 | TKRS10 | 01 | 3 | TS8 | E1 | | 32B | |
| 06266 | | XA503 | 62 | | XA542 | 45 | | 16B | 9 | | | TT03BP | 01 | TKRS10 | 01 | 4 | TS8 | E1 | | 29A | |
| 00412 | | XA503 | 63 | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 06275 | | XA503 | 64 | | XA542 | 59 | | 16B | 9 | | | TT04BP | 01 | TKRS10 | 01 | 5 | TS8 | E1 | | 30A | |
| 00413 | | XA503 | 65 | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 06284 | | XA503 | 66 | | XA542 | 57 | | 16B | 9 | | | TT05BP | 01 | TKRS10 | 01 | 6 | TS8 | E1 | | 31A | |
| 00877 | | XA503 | 67 | | | | | | | | | GND | 01 | | | | TS8 | | | | |
| 06293 | | XA503 | 68 | | XA542 | 76 | | 16B | 9 | | | TT06BP | 01 | TKRS10 | 01 | 7 | TS8 | E1 | | 32A | |
| 00414 | | XA503 | 69 | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 06302 | | XA503 | 70 | | XA542 | 69 | | 16B | 9 | | | TT07BP | 01 | TKRS10 | 01 | 8 | TS8 | E1 | | 33A | |
| 05653 | | XA503 | 71 | | | | | | | | | TSC11A | 02 | TINT10 | 01 | 1 | TS8 | F1 | | 36A | |
| 05432 | | XA503 | 72 | | XA409 | 19 | | 16B | 9 | | | TRWS2A | 01 | TINT10 | 01 | 2 | TS8 | F1 | | 34A | |
| 04859 | | XA503 | 73 | | | | | | | | | TNSGDA | 02 | TINT10 | 01 | 3 | TS8 | F1 | | 36B | |
| 04874 | | XA503 | 74 | | | | | | | | | TNSGMA | 02 | TINT10 | 01 | 4 | TS8 | F1 | | 35B | |
| 04852 | | XA503 | 75 | | XA509 | 27 | | 16B | 9 | | | TNSGAA | 01 | TINT10 | 01 | 5 | TS8 | F1 | | 37B | |
| 04458 | | XA503 | 76 | | XA505 | 76 | | 16B | 9 | | | TINT10 | 01 | TINT10 | 00 | 1 | TS8 | F1 | | 37A | COMMAND END AND IN |
| 05437 | | XA503 | 77 | | XA410 | 21 | | 16B | 9 | | | TRWS4A | 02 | TINT10 | 01 | 6 | TS8 | F1 | | 38B | |
| 04841 | | XA503 | 78 | | XA509 | 51 | | 16B | 9 | | | TNDASA | 01 | TINT10 | 01 | 7 | TS8 | F1 | | 38A | |
| 08269 | | XA503 | 79 | | XA503 | 54 | | 16B | 9 | | | SPIO12 | 04 | TINT10 | 01 | 8 | TS8 | F1 | | 39B | |
| 00415 | | XA503 | 80 | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 05333 | | XA504 | 01 | | XA504 | 14 | | 16B | 9 | | | TRTDC0 | 03 | TRTDOA | 01 | 1 | TS8 | A1 | | 02B | |
| 00878 | | XA504 | 02 | | | | | | | | | GND | 01 | | | | TS8 | | | 01A | |
| 00416 | | XA504 | 03 | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 05101 | | XA504 | 04 | | XA504 | 18 | | 16B | 9 | | | TREN1S | 05 | TRTDOA | 01 | 2 | TS8 | A1 | | 04A | |
| 04529 | | XA504 | 05 | | XA502 | 48 | | 16B | 9 | | | TKB00P | 01 | TRTDOA | 01 | 3 | TS8 | A1 | | 03B | |
| 04538 | | XA504 | 06 | | XA504 | 20 | | 16B | 9 | | | TKB01P | 01 | TRTDOA | 01 | 4 | TS8 | A1 | | 05A | |
| 04489 | | XA504 | 07 | | XA504 | 22 | | 16B | 9 | | | TKA01Q | 01 | TRTDOA | 01 | 5 | TS8 | A1 | | 03A | |
| 04506 | | XA504 | 08 | | XA504 | 24 | | 16B | 9 | | | TKA02Q | 01 | TRTDOA | 01 | 6 | TS8 | A1 | | 06A | |
| 00417 | | XA504 | 09 | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 05758 | | XA504 | 10 | | XA508 | 07 | | 16B | 9 | | | TSCK3B | 41 | TRTDOA | 01 | 7 | TS8 | A1 | | 07A | |
| 05344 | | XA504 | 11 | | | | | | | | | TRTDOA | 02 | TRTDOA | 00 | 1 | TS8 | A1 | | 05B | TRANSFER BYTE 0 |
| 00161 | | XA504 | 12 | | | | | | | | | +5V | 01 | | | | TS8 | | | | |
| 01661 | | XA504 | 13 | | XA506 | 13 | | 16B | 9 | | | SPIO18 | 29 | TRTDOA | 01 | 8 | TS8 | A1 | | 06B | |
| 05334 | | XA504 | 14 | | XA504 | 30 | | 16B | 9 | | | TRTDC0 | 04 | TRTD1A | 01 | 1 | TS8 | B1 | | 09A | |
| 00418 | | XA504 | 15 | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 00879 | | XA504 | 16 | | | | | | | | | GND | 01 | | | | TS8 | | | 21B | |
| 00419 | | XA504 | 17 | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| CONNECTOR XA504 CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | | | |

H78-14 1368

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA504
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 354

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|---------------------------------|--------|--------|-----------|-----|--------|-------------|------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH IFC | PREFIX | CONNECTOR | PIN | SH IFC | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 05102 | | XA504 | 18 | | XA503 | 30 | | | 16B | 9 | | TREN1S | 06 | TRTD1A | 01 | 2 | TS8 | B1 | | 10A | | |
| 04534 | | XA504 | 19 | | XA504 | 34 | | | 16B | 9 | | TKB00Q | 01 | TRTD1A | 01 | 3 | TS8 | B1 | | 09B | | |
| 04539 | | XA504 | 20 | | XA513 | 48 | | | 16B | 9 | | TKB01P | 02 | TRTD1A | 01 | 4 | TS8 | B1 | | 11A | | |
| 00420 | | XA504 | 21 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 04490 | | XA504 | 22 | | XA503 | 34 | | | 16B | 9 | | TKA01Q | 02 | TRTD1A | 01 | 5 | TS8 | B1 | | 12A | | |
| 05355 | | XA504 | 23 | | | | | | | | | TRTD1A | 02 | TRTD1A | 00 | 1 | TS8 | B1 | | 11B | TRANSFER BYTE 1 | |
| 04507 | | XA504 | 24 | | XA504 | 38 | | | 16B | 9 | | TKA02Q | 02 | TRTD1A | 01 | 6 | TS8 | B1 | | 13A | | |
| 05755 | | XA504 | 25 | | XA503 | 22 | | | 16B | 9 | | TSCK3B | 38 | TRTD1A | 01 | 7 | TS8 | B1 | | 12B | | |
| 01656 | | XA504 | 26 | | XA503 | 26 | | | 16B | 9 | | SPIO18 | 24 | TRTD1A | 01 | 8 | TS8 | B1 | | 14A | | |
| 00421 | | XA504 | 27 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 00162 | | XA504 | 28 | | | | | | | | | +5V | 01 | | | | TS8 | | | | | |
| 00422 | | XA504 | 29 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 05335 | | XA504 | 30 | | XA504 | 43 | | | 16B | 9 | | TRTDC0 | 05 | TRTD2A | 01 | 1 | TS8 | C1 | | 15A | | |
| 05104 | | XA504 | 31 | | XA504 | 46 | | | 16B | 9 | | TREN1S | 08 | TRTD2A | 01 | 2 | TS8 | C1 | | 15B | | |
| 00880 | | XA504 | 32 | | | | | | | | | GND | 01 | | | | TS8 | | | 27A | | |
| 00423 | | XA504 | 33 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 04535 | | XA504 | 34 | | XA513 | 43 | | | 16B | 9 | | TKB00Q | 02 | TRTD2A | 01 | 3 | TS8 | C1 | | 16A | | |
| 05365 | | XA504 | 35 | | XA412 | 53 | | | 16B | 9 | | TRTD2A | 01 | TRTD2A | 00 | 1 | TS8 | C1 | | 17B | TRANSFER BYTE 2 | |
| 04545 | | XA504 | 36 | | XA514 | 43 | | | 16B | 9 | | TKB01Q | 03 | TRTD2A | 01 | 4 | TS8 | C1 | | 17A | | |
| 04492 | | XA504 | 37 | | XA504 | 50 | | | 16B | 9 | | TKA01Q | 04 | TRTD2A | 01 | 5 | TS8 | C1 | | 18B | | |
| 04508 | | XA504 | 38 | | XA503 | 36 | | | 16B | 9 | | TKA02Q | 03 | TRTD2A | 01 | 6 | TS8 | C1 | | 18A | | |
| 00424 | | XA504 | 39 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 05749 | | XA504 | 40 | | XA503 | 37 | | | 16B | 9 | | TSCL3B | 32 | TRTD2A | 01 | 7 | TS8 | C1 | | 19A | | |
| 00425 | | XA504 | 41 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 01652 | | XA504 | 42 | | XA505 | 42 | | | 16B | 9 | | SPIO18 | 20 | TRTD2A | 01 | 8 | TS8 | C1 | | 20A | | |
| 05336 | | XA504 | 43 | | XA502 | 43 | | | 16B | 9 | | TRTDC0 | 06 | TRTD3A | 01 | 1 | TS8 | D1 | | 23B | | |
| 00881 | | XA504 | 44 | | | | | | | | | GND | 01 | | | | TS8 | | | 40A | | |
| 00426 | | XA504 | 45 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 05105 | | XA504 | 46 | | XA502 | 46 | | | 16B | 9 | | TREN1S | 09 | TRTD3A | 01 | 2 | TS8 | D1 | | 21A | | |
| 05376 | | XA504 | 47 | | XA412 | 59 | | | 16B | 9 | | TRTD3A | 01 | TRTD3A | 00 | 1 | TS8 | D1 | | 25B | TRANSFER BYTE 3 | |
| 04531 | | XA504 | 48 | | XA513 | 45 | | | 16B | 9 | | TKB00P | 03 | TRTD3A | 01 | 3 | TS8 | D1 | | 22A | | |
| 04544 | | XA504 | 49 | | XA504 | 36 | | | 16B | 9 | | TKB01Q | 02 | TRTD3A | 01 | 4 | TS8 | D1 | | 26B | | |
| 04493 | | XA504 | 50 | | XA510 | 75 | | | 16B | 9 | | TKA01Q | 05 | TRTD3A | 01 | 5 | TS8 | D1 | | 23A | | |
| 00427 | | XA504 | 51 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 04511 | | XA504 | 52 | | XA505 | 53 | | | 16B | 9 | | TKA02Q | 06 | TRTD3A | 01 | 6 | TS8 | D1 | | 24A | | |
| 00428 | | XA504 | 53 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 05753 | | XA504 | 54 | | XA505 | 25 | | | 16B | 9 | | TSCK3B | 36 | TRTD3A | 01 | 7 | TS8 | D1 | | 25A | | |
| 04620 | | XA504 | 55 | | | | | | | | | TLCC0S | 04 | TWR11A | 01 | 1 | TS8 | E1 | | 29B | | |
| 01639 | | XA504 | 56 | | XA504 | 70 | | | 16B | 9 | | SPIO18 | 07 | TRTD3A | 01 | 8 | TS8 | D1 | | 26A | | |
| 00429 | | XA504 | 57 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 00882 | | XA504 | 58 | | | | | | | | | GND | 01 | | | | TS8 | | | | | |
| 06612 | | XA504 | 59 | | XA507 | 19 | | | 16B | 9 | | TWR11A | 01 | TWR11A | 00 | 1 | TS8 | E1 | | 31B | | |
| 06551 | | XA504 | 60 | | XA518 | 73 | | | 16B | 9 | | TWRG2R | 02 | TWR11A | 01 | 2 | TS8 | E1 | | 28A | | |
| 04781 | | XA504 | 61 | | XA510 | 11 | | | 16B | 9 | | TMWCBP | 01 | TWR11A | 01 | 3 | TS8 | E1 | | 32B | | |
| 06616 | | XA504 | 62 | | | | | | | | | TWR11R | 03 | TWR11A | 01 | 4 | TS8 | E1 | | 29A | | |
| 00430 | | XA504 | 63 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 05691 | | XA504 | 64 | | XA505 | 37 | | | 16B | 9 | | TSCK1B | 38 | TWR11A | 01 | 5 | TS8 | E1 | | 30A | | |
| 00431 | | XA504 | 65 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 01292 | | XA504 | 66 | | XA503 | 42 | | | 16B | 9 | | SPIO03 | 27 | TWR11A | 01 | 6 | TS8 | E1 | | 31A | | |
| 00883 | | XA504 | 67 | | | | | | | | | GND | 01 | | | | TS8 | | | | | |
| CONNECTOR | | XA504 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | |

H78-14 1369

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA504
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 355

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-----|--------|-----------|-----|-----|-------------|------|-------|-------|--------|--------|----------|------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | POS | PREFIX | CONNECTOR | PIN | POS | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 01539 | | XA504 | 68 | | | XA504 | 78 | | | 16B | 9 | | SPIO12 | 01 | TWRI1A | 01 | 7 | TS8 | E1 | | 32A | | |
| 00432 | | XA504 | 69 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 01640 | | XA504 | 70 | | | XA502 | 70 | | | 16B | 9 | | SPIO18 | 08 | TWRI1A | 01 | 8 | TS8 | E1 | | 33A | | |
| 05144 | | XA504 | 71 | | | XA510 | 63 | | | 16B | 9 | | TREQ1R | 01 | TREQ0A | 01 | 1 | TS8 | F1 | | 36A | | |
| 05112 | | XA504 | 72 | | | XA506 | 72 | | | 16B | 9 | | TREN2S | 01 | TREQ0A | 01 | 2 | TS8 | F1 | | 34A | | |
| 05060 | | XA504 | 73 | | | XA515 | 75 | | | 16B | 9 | | TREADQ | 01 | TREQ0A | 01 | 3 | TS8 | F1 | | 36B | | |
| 04788 | | XA504 | 74 | | | | | | | | | | TMWCBQ | 03 | TREQ0A | 01 | 4 | TS8 | F1 | | 35B | | |
| 05690 | | XA504 | 75 | | | XA504 | 64 | | | 16B | 9 | | TSCK1B | 37 | TREQ0A | 01 | 5 | TS8 | F1 | | 37B | | |
| 05132 | | XA504 | 76 | | | | | | | | | | TREQ0A | 02 | TREQ0A | 00 | 1 | TS8 | F1 | | 37A | | |
| 01291 | | XA504 | 77 | | | XA504 | 66 | | | 16B | 9 | | SPIO03 | 26 | TREQ0A | 01 | 6 | TS8 | F1 | | 38A | | |
| 01540 | | XA504 | 78 | | | XA502 | 68 | | | 16B | 9 | | SPIO12 | 02 | TREQ0A | 01 | 7 | TS8 | F1 | | 38A | | B08 |
| 01643 | | XA504 | 79 | | | XA505 | 79 | | | 16B | 9 | | SPIO18 | 11 | TREQ0A | 01 | 8 | TS8 | F1 | | 39B | | |
| 00433 | | XA504 | 80 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 03486 | | XA505 | 01 | | | | | | | | | | TBSY2A | 02 | TBSY2A | 00 | 1 | TQ2 | A2 | | 02B | | |
| 00884 | | XA505 | 02 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01A | | |
| 05390 | | XA505 | 03 | | | | | | | | | | TRUNAR | 02 | TRUNAS | 01 | 1 | TQ2 | A3 | | 02A | | |
| 04084 | | XA505 | 04 | | | XA408 | 47 | | | 16B | 9 | | TDIRSP | 02 | TBSY2A | 01 | 1 | TQ2 | A2 | | 04A | | |
| 03522 | | XA505 | 05 | | | XA406 | 70 | | | 16B | 9 | | TBOTOS | 06 | TBSY2A | 01 | 2 | TQ2 | A2 | | 03B | | |
| 03483 | | XA505 | 06 | | | | | | | | | | UBSY1A | 01 | UBSY1A | 00 | 1 | TQ2 | A1 | | 05A | | B05 |
| 05979 | | XA505 | 07 | | | XA408 | 79 | | | 16B | 9 | | TSTR2A | 01 | TRUNAS | 01 | 2 | TQ2 | A3 | | 03A | | |
| 04087 | | XA505 | 08 | | | XA540 | 17 | | | 16B | 9 | | TDIRSQ | 02 | UBSY1A | 01 | 1 | TQ2 | A1 | | 06A | | B05 |
| 05393 | | XA505 | 09 | | | XA502 | 01 | | | 16B | 9 | | TRUNAS | 03 | TRUNAS | 00 | 1 | TQ2 | A3 | | 04B | | |
| 04340 | | XA505 | 10 | | | | | | | | | | TEOT05 | 06 | UBSY1A | 01 | 2 | TQ2 | A1 | | 07A | | B05 |
| 05388 | | XA505 | 11 | | | | | | | | | | TRTOCA | 02 | TS29S0 | 01 | 1 | TQ2 | A4 | | 05B | | |
| 00163 | | XA505 | 12 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 06734 | | XA505 | 13 | | | XA521 | 47 | | | 16B | 9 | | TWTOCA | 01 | TS29S0 | 01 | 2 | TQ2 | A4 | | 06B | | |
| 05851 | | XA505 | 14 | | | XA506 | 19 | | | 16B | 9 | | TSNC3A | 01 | TSNC3A | 00 | 1 | TQ2 | B2 | | 09A | | |
| 06043 | | XA505 | 15 | | | XA506 | 11 | | | 16B | 9 | | TS29S0 | 01 | TS29S0 | 00 | 1 | TQ2 | A4 | | 07B | | |
| 00885 | | XA505 | 16 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01B | | |
| 05841 | | XA505 | 17 | | | XA506 | 21 | | | 16B | 9 | | TSNC2R | 02 | TSNC2S | 01 | 1 | TQ2 | B3 | | 08B | | |
| 05828 | | XA505 | 18 | | | | | | | | | | TSNC1R | 03 | TSNC3A | 01 | 1 | TQ2 | B2 | | 10A | | |
| 05839 | | XA505 | 19 | | | | | | | | | | TSNC2A | 03 | TSNC2S | 01 | 2 | TQ2 | B3 | | 09B | | |
| 05693 | | XA505 | 20 | | | XA506 | 20 | | | 16B | 9 | | TSCK1B | 40 | TSNC3A | 01 | 2 | TQ2 | B2 | | 11A | | |
| 05845 | | XA505 | 21 | | | XA506 | 17 | | | 16B | 9 | | TSNC2S | 02 | TSNC2S | 00 | 1 | TQ2 | B3 | | 10B | | |
| 05830 | | XA505 | 22 | | | XA506 | 18 | | | 16B | 9 | | TSNC1S | 02 | TSNC1S | 00 | 1 | TQ2 | B1 | | 12A | | |
| 05137 | | XA505 | 23 | | | XA506 | 66 | | | 16B | 9 | | TREQ0S | 01 | TREQ2A | 01 | 1 | TQ2 | B4 | | 11B | | |
| 05827 | | XA505 | 24 | | | XA505 | 18 | | | 16B | 9 | | TSNC1R | 02 | TSNC1S | 01 | 1 | TQ2 | B1 | | 13A | | |
| 05754 | | XA505 | 25 | | | XA504 | 25 | | | 16B | 9 | | TSCK3B | 37 | TREQ2A | 01 | 2 | TQ2 | B4 | | 12B | | |
| 05814 | | XA505 | 26 | | | XA502 | 35 | | | 16B | 9 | | TSNCOA | 01 | TSNC1S | 01 | 2 | TQ2 | B1 | | 14A | | |
| 05153 | | XA505 | 27 | | | | | | | | | | TREQ2A | 03 | TREQ2A | 00 | 1 | TQ2 | B4 | | 13B | | |
| 00164 | | XA505 | 28 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 04589 | | XA505 | 29 | | | XA506 | 30 | | | 16B | 9 | | TLAD1R | 02 | TLAD1S | 01 | 1 | TQ2 | C3 | | 14B | | |
| 06088 | | XA505 | 30 | | | | | | | | | | TTMDC0 | 03 | TTMDC0 | 00 | 1 | TQ2 | C2 | | 15A | | |
| 04577 | | XA505 | 31 | | | | | | | | | | TLAD0A | 02 | TLAD1S | 01 | 2 | TQ2 | C3 | | 15B | | |
| 00886 | | XA505 | 32 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 20B | | |
| 04594 | | XA505 | 33 | | | | | | | | | | TLAD1S | 03 | TLAD1S | 00 | 1 | TQ2 | C3 | | 14R | | |
| 06084 | | XA505 | 34 | | | XA510 | 80 | | | 16B | 9 | | TTMDCA | 01 | TTMDC0 | 01 | 1 | TQ2 | C2 | | 16A | | |
| 04588 | | XA505 | 35 | | | XA505 | 29 | | | 16B | 9 | | TLAD1R | 01 | TLAD3A | 01 | 1 | TQ2 | C4 | | 17B | | |
| CONNECTOR (XA505) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1370

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA505
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 356

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|------|--------|-----------|-----|------|-------------|------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SHIF | PREFIX | CONNECTOR | PIN | SHIF | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 01654 | XA505 | 36 | | | XA506 | 29 | | | 168 | 9 | | SPIO18 | 22 | TTMOC0 | 01 | 2 | TQ2 | C2 | | 17A | | |
| 05692 | XA505 | 37 | | | XA505 | 20 | | | 168 | 9 | | TSCK1B | 39 | TLA03A | 01 | 2 | TQ2 | C4 | | 18B | | |
| 04703 | XA505 | 38 | | | | | | | | | | TLRCB0 | 02 | TLRCB0 | 00 | 1 | TQ2 | C1 | | 18A | | |
| 04605 | XA505 | 39 | | | | | | | | | | TLAD3A | 02 | TLAD3A | 00 | 1 | TQ2 | C4 | | 19B | | |
| 04699 | XA505 | 40 | | | XA508 | 18 | | | 169 | 9 | | TLRCBA | 01 | TLRCB0 | 01 | 1 | TQ2 | C1 | | 19A | | |
| 06642 | XA505 | 41 | | | | | | | | | | TWRI3R | 03 | TWRI3S | 01 | 1 | TQ2 | D3 | | 22B | | |
| 01653 | XA505 | 42 | | | XA505 | 36 | | | 168 | 9 | | SPIO18 | 21 | TLRCB0 | 01 | 2 | TQ2 | C1 | | 20A | | |
| 06650 | XA505 | 43 | | | XA510 | 43 | | | 168 | 9 | | TWRI6A | 01 | TWRI3S | 01 | 2 | TQ2 | D3 | | 23B | | |
| 00887 | XA505 | 44 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 21B | | |
| 06645 | XA505 | 45 | | | | | | | | | | TWRI3S | 03 | TWRI3S | 00 | 1 | TQ2 | D3 | | 24B | WRITE COUNTER BIT | |
| 04570 | XA505 | 46 | | | XA506 | 56 | | | 168 | 9 | | TKRS1A | 01 | TKRS1A | 00 | 1 | TQ2 | D2 | | 21A | | |
| 04569 | XA505 | 47 | | | | | | | | | | TKRS00 | 02 | TKRS0A | 01 | 1 | TQ2 | D4 | | 25B | | |
| 04573 | XA505 | 48 | | | | | | | | | | TKRS10 | 02 | TKRS1A | 01 | 1 | TQ2 | D2 | | 22A | | |
| 01651 | XA505 | 49 | | | XA504 | 42 | | | 168 | 9 | | SPIO18 | 19 | TKRS0A | 01 | 2 | TQ2 | D4 | | 26B | | |
| 01650 | XA505 | 50 | | | XA505 | 49 | | | 168 | 9 | | SPIO18 | 18 | TKRS1A | 01 | 2 | TQ2 | D2 | | 23A | | |
| 04566 | XA505 | 51 | | | XA513 | 52 | | | 168 | 9 | | TKRS0A | 01 | TKRS0A | 00 | 1 | TQ2 | D4 | | 27B | START BYTE TIMING | |
| 04871 | XA505 | 52 | | | XA510 | 21 | | | 168 | 9 | | TNSGK0 | 01 | TNSGK0 | 00 | 1 | TQ2 | D1 | | 24A | | |
| 04512 | XA505 | 53 | | | XA524 | 76 | | | 168 | 9 | | TKA02Q | 07 | TKBCP0 | 01 | 1 | TQ2 | E3 | | 28B | | |
| 05881 | XA505 | 54 | | | XA508 | 08 | | | 168 | 9 | | TSPAFF | 01 | TNSGK0 | 01 | 1 | TQ2 | D1 | | 25A | | |
| 04886 | XA505 | 55 | | | XA508 | 35 | | | 168 | 9 | | TNSG1R | 01 | TKBCP0 | 01 | 2 | TQ2 | E3 | | 29B | | |
| 05857 | XA505 | 56 | | | | | | | | | | TSPACP | 05 | TNSGK0 | 01 | 2 | TQ2 | D1 | | 26A | | |
| 04520 | XA505 | 57 | | | | | | | | | | TKBCP0 | 06 | TKBCP0 | 00 | 1 | TQ2 | E3 | | 30B | | |
| 00888 | XA505 | 58 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 27A | | |
| 05118 | XA505 | 59 | | | | | | | | | | TREQCA | 02 | TREQR0 | 01 | 1 | TQ2 | F4 | | 31B | | |
| 04526 | XA505 | 60 | | | | | | | | | | TKBRSA | 06 | TKBRSA | 00 | 1 | TQ2 | E2 | | 28A | | |
| 05125 | XA505 | 61 | | | XA506 | 45 | | | 168 | 9 | | TREQDA | 01 | TREQR0 | 01 | 2 | TQ2 | E4 | | 32B | | |
| 04528 | XA505 | 62 | | | | | | | | | | TKBR50 | 02 | TKBRSA | 01 | 1 | TQ2 | E2 | | 29A | | |
| 05129 | XA505 | 63 | | | XA506 | 47 | | | 168 | 9 | | TREQR0 | 01 | TREQR0 | 00 | 1 | TQ2 | E4 | | 33B | | |
| 01647 | XA505 | 64 | | | XA506 | 49 | | | 168 | 9 | | SPIO18 | 15 | TKBRSA | 01 | 2 | TQ2 | E2 | | 30A | B02 | |
| 05343 | XA505 | 65 | | | XA504 | 11 | | | 168 | 9 | | TRTD0A | 01 | TRTD00 | 01 | 1 | TQ2 | F3 | | 34B | | |
| 06578 | XA505 | 66 | | | | | | | | | | TWRIRA | 02 | TWRIRA | 00 | 1 | TQ2 | E1 | | 31A | | |
| 00889 | XA505 | 67 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 40A | | |
| 06621 | XA505 | 68 | | | | | | | | | | TWRI1S | 05 | TWRIRA | 01 | 1 | TQ2 | E1 | | 32A | | |
| 05353 | XA505 | 69 | | | | | | | | | | TRTD00 | 09 | TRTD00 | 00 | 1 | TQ2 | F3 | | 35A | | |
| 06633 | XA505 | 70 | | | | | | | | | | TWRI2R | 09 | TWRIRA | 01 | 2 | TQ2 | E1 | | 33A | | |
| 05055 | XA505 | 71 | | | XA515 | 01 | | | 168 | 9 | | TREADP | 01 | TNSGA0 | 01 | 1 | TQ2 | F2 | | 36A | | |
| 04855 | XA505 | 72 | | | | | | | | | | TNSGA0 | 02 | TNSGA0 | 00 | 1 | TQ2 | F2 | | 34A | | |
| 06579 | XA505 | 73 | | | XA516 | 77 | | | 168 | 9 | | TWRITP | 01 | TNSGA0 | 01 | 2 | TQ2 | F2 | | 36B | | |
| 01646 | XA505 | 74 | | | XA505 | 64 | | | 168 | 9 | | SPIO18 | 14 | TRTD00 | 01 | 2 | TQ2 | F3 | | 35B | | |
| 06488 | XA505 | 75 | | | | | | | | | | TWRQ9A | 02 | TWRQ9A | 00 | 1 | TQ2 | F1 | | 37B | B05 | |
| 04459 | XA505 | 76 | | | XA508 | 71 | | | 168 | 9 | | TINT10 | 02 | TINT1A | 01 | 1 | TQ2 | F4 | | 37A | | |
| 06485 | XA505 | 77 | | | XA507 | 42 | | | 168 | 9 | | TWRQ2Q | 005 | TWRQ9A | 01 | 1 | TQ2 | F1 | | 38B | B05 | |
| 01645 | XA505 | 78 | | | XA505 | 74 | | | 168 | 9 | | SPIO18 | 13 | TINT1A | 01 | 2 | TQ2 | F4 | | 38A | | |
| 01644 | XA505 | 79 | | | XA505 | 78 | | | 168 | 9 | | SPIO18 | 12 | TWRQ9A | 01 | 2 | TQ2 | F1 | | 39B | B05 | |
| 04457 | XA505 | 80 | | | | | | | | | | TINT1A | 04 | TINT1A | 00 | 1 | TQ2 | F4 | | 39A | | |
| 04609 | XA506 | 01 | | | XA509 | 38 | | | 168 | 9 | | TLAD3S | 02 | TLAD3S | 00 | 1 | TQ2 | A2 | | 02B | LOOK AHEAD DELAY C | |
| 00890 | XA506 | 02 | | | | | | | | | | GND | 01 | | | | TQ2 | | | C1A | | |
| 04080 | XA506 | 03 | | | XA406 | 40 | | | 168 | 9 | | TDIRIS | 04 | URUN1A | 01 | 1 | TQ2 | A3 | | 02A | B05 | |
| CONNECTOR XA506 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA506
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 357

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------------|------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 04606 | | XA506 | 04 | | XA509 | 36 | | | 16B | 9 | | | | | | | | | | |
| 04597 | | XA506 | 05 | | | | | | | | | | | | | | | | | |
| 04598 | | XA506 | 06 | | XA518 | 57 | | | 16B | 9 | | | | | | | | | | B05 |
| 04325 | | XA506 | 07 | | XA522 | 41 | | | 16B | 9 | | | | | | | | | | B05 |
| 04603 | | XA506 | 08 | | | | | | | | | | | | | | | | | |
| 05403 | | XA506 | 09 | | | | | | | | | | | | | | | | | B05 |
| 03481 | | XA506 | 10 | | | | | | | | | | | | | | | | | B08 |
| 06044 | | XA506 | 11 | | | | | | | | | | | | | | | | | |
| 00165 | | XA506 | 12 | | | | | | | | | | | | | | | | | |
| 01662 | | XA506 | 13 | | XA507 | 08 | | | 16B | 9 | | | | | | | | | | |
| 05838 | | XA506 | 14 | | XA505 | 19 | | | 16B | 9 | | | | | | | | | | |
| 06041 | | XA506 | 15 | | XA526 | 29 | | | 16B | 9 | | | | | | | | | | |
| 00891 | | XA506 | 16 | | | | | | | | | | | | | | | | | |
| 05846 | | XA506 | 17 | | XA511 | 08 | | | 16B | 9 | | | | | | | | | | |
| 05831 | | XA506 | 18 | | XA506 | 24 | | | 16B | 9 | | | | | | | | | | |
| 05852 | | XA506 | 19 | | | | | | | | | | | | | | | | | |
| 05694 | | XA506 | 20 | | XA508 | 26 | | | 16B | 9 | | | | | | | | | | |
| 05842 | | XA506 | 21 | | XA525 | 30 | | | 16B | 9 | | | | | | | | | | |
| 05826 | | XA506 | 22 | | XA505 | 24 | | | 16B | 9 | | | | | | | | | | |
| 04479 | | XA506 | 23 | | | | | | | | | | | | | | | | | |
| 05832 | | XA506 | 24 | | XA515 | 25 | | | 16B | 9 | | | | | | | | | | |
| 04480 | | XA506 | 25 | | XA509 | 55 | | | 16B | 9 | | | | | | | | | | |
| 05825 | | XA506 | 26 | | XA506 | 10 | | | 16B | 9 | | | | | | | | | | |
| 04471 | | XA506 | 27 | | XA509 | 41 | | | 16B | 9 | | | | | | | | | | B08 |
| 00166 | | XA506 | 28 | | | | | | | | | | | | | | | | | |
| 01655 | | XA506 | 29 | | XA504 | 26 | | | 16B | 9 | | | | | | | | | | |
| 04590 | | XA506 | 30 | | XA407 | 78 | | | 16B | 9 | | | | | | | | | | B05 |
| 01671 | | XA506 | 31 | | XA514 | 80 | | | 16B | 9 | | | | | | | | | | C03 |
| 00892 | | XA506 | 32 | | | | | | | | | | | | | | | | | |
| 03400 | | XA506 | 33 | | XA509 | 66 | | | 16B | 9 | | | | | | | | | | B05 |
| 04593 | | XA506 | 34 | | XA505 | 33 | | | 16B | 9 | | | | | | | | | | |
| 04602 | | XA506 | 35 | | XA506 | 08 | | | 16B | 9 | | | | | | | | | | |
| 04582 | | XA506 | 36 | | XA509 | 65 | | | 16B | 9 | | | | | | | | | | |
| 05748 | | XA506 | 37 | | XA504 | 40 | | | 16B | 9 | | | | | | | | | | |
| 06394 | | XA506 | 38 | | | | | | | | | | | | | | | | | |
| 04587 | | XA506 | 39 | | | | | | | | | | | | | | | | | |
| 06395 | | XA506 | 40 | | XA515 | 22 | | | 16B | 9 | | | | | | | | | | |
| 07905 | | XA506 | 41 | | | | | | | | | | | | | | | | | |
| 01634 | | XA506 | 42 | | XA503 | 38 | | | 16B | 9 | | | | | | | | | | |
| 07862 | | XA506 | 43 | | XA506 | 50 | | | 16B | 9 | | | | | | | | | | |
| 00893 | | XA506 | 44 | | | | | | | | | | | | | | | | | |
| 05126 | | XA506 | 45 | | | | | | | | | | | | | | | | | |
| 05117 | | XA506 | 46 | | XA505 | 59 | | | 16B | 9 | | | | | | | | | | |
| 05130 | | XA506 | 47 | | | | | | | | | | | | | | | | | |
| 07891 | | XA506 | 48 | | XA435 | 37 | | | 16B | 9 | | | | | | | | | | |
| 01649 | | XA506 | 49 | | XA505 | 50 | | | 16B | 9 | | | | | | | | | | |
| 07863 | | XA506 | 50 | | | | | | | | | | | | | | | | | |
| 05128 | | XA506 | 51 | | | | | | | | | | | | | | | | | |
| 04568 | | XA506 | 52 | | XA505 | 47 | | | 16B | 9 | | | | | | | | | | |
| 04290 | | XA506 | 53 | | XA527 | 07 | | | 16B | 9 | | | | | | | | | | |
| CONNECTOR XA506 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA506
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 358

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SPEC. TEST INSTR. | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|--------|-------------|------|-------|-------------------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SH FLD | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 06234 | | XA506 | 54 | | | | | | | | | TT0PBP | 03 | TKRS00 | 01 | 1 | TQ2 | D1 | | 25A | | |
| 03922 | | XA506 | 55 | | XA415 | 33 | | | 16B | 9 | | TC52BP | 005 | TREG2A | 01 | 2 | TQ2 | E3 | | 29B | B05 | |
| 04571 | | XA506 | 56 | | | | | | | | | TKRS1A | 02 | TKRS00 | 01 | 2 | TQ2 | D1 | | 26A | | |
| 05077 | | XA506 | 57 | | | | | | | | | TREG2A | 02 | TREG2A | 00 | 1 | TQ2 | E3 | | 30B | | |
| 00894 | | XA506 | 58 | | | | | | | | | GND | 01 | | | | TQ2 | | | 27A | | |
| 01648 | | XA506 | 59 | | | | | | | | | TCSD10 | 03 | TREWCA | 01 | 1 | TQ2 | E4 | | 31B | B02 | |
| 05074 | | XA506 | 60 | | XA508 | 75 | | | 16B | 9 | | TREG1A | 01 | TREG1A | 00 | 1 | TQ2 | E2 | | 28A | | |
| 01672 | | XA506 | 61 | | | | | | | | | TRUNCO | 02 | TREWCA | 01 | 2 | TQ2 | E4 | | 32B | B02 | |
| 04221 | | XA506 | 62 | | XA515 | 78 | | | 16B | 9 | | TEB2R0 | 01 | TREG1A | 01 | 1 | TQ2 | E2 | | 29A | | |
| 03401 | | XA506 | 63 | | XA511 | 56 | | | 16B | 9 | | TREWCA | 01 | TREWCA | 00 | 1 | TQ2 | E4 | | 33B | B02 | |
| 08109 | | XA506 | 64 | | | | | | | | | TC40BP | 05 | TREG1A | 01 | 2 | TQ2 | E2 | | 30A | B02 | |
| 05147 | | XA506 | 65 | | XA507 | 55 | | | 16B | 9 | | TREQ1S | 01 | TREQ1A | 01 | 1 | TQ2 | F3 | | 34B | C05 | |
| 05138 | | XA506 | 66 | | XA510 | 53 | | | 16B | 9 | | TREQ0S | 02 | TREQ0S | 00 | 1 | TQ2 | E1 | | 31A | | |
| 00895 | | XA506 | 67 | | | | | | | | | GND | 01 | | | | TQ2 | | | 40A | | |
| 05136 | | XA506 | 68 | | | | | | | | | TREQ0R | 02 | TREQ0S | 01 | 1 | TQ2 | E1 | | 32A | | |
| 05141 | | XA506 | 69 | | | | | | | | | TREQ1A | 02 | TREQ1A | 00 | 1 | TQ2 | F3 | | 35A | | |
| 05131 | | XA506 | 70 | | XA504 | 76 | | | 16B | 9 | | TREQ0A | 01 | TREQ0S | 01 | 2 | TQ2 | E1 | | 33A | | |
| 05111 | | XA506 | 71 | | | | | | | | | TREN2R | 02 | TREN2S | 01 | 1 | TQ2 | F2 | | 36A | | |
| 05113 | | XA506 | 72 | | XA507 | 71 | | | 16B | 9 | | TREN2S | 02 | TREN2S | 00 | 1 | TQ2 | F2 | | 34A | | |
| 05109 | | XA506 | 73 | | | | | | | | | TREN2A | 03 | TREN2S | 01 | 2 | TQ2 | F2 | | 36B | | |
| 05689 | | XA506 | 74 | | XA504 | 75 | | | 16B | 9 | | TSCK1B | 36 | TREQ1A | 01 | 2 | TQ2 | F3 | | 35B | | |
| 05078 | | XA506 | 75 | | XA508 | 78 | | | 16B | 9 | | TREG3A | 01 | TREG3A | 00 | 1 | TQ2 | F1 | | 37B | | |
| 04911 | | XA506 | 76 | | XA509 | 19 | | | 16B | 9 | | TNSG3R | 01 | TNSG3S | 01 | 1 | TQ2 | F4 | | 37A | | |
| 04307 | | XA506 | 77 | | XA527 | 08 | | | 16B | 9 | | TEB5BP | 01 | TREG3A | 01 | 1 | TQ2 | F1 | | 38B | | |
| 04923 | | XA506 | 78 | | | | | | | | | TNSG6A | 02 | TNSG3S | 01 | 2 | TQ2 | F4 | | 38A | | |
| 03928 | | XA506 | 79 | | XA411 | 11 | | | 16B | 9 | | TC54BP | 01 | TREG3A | 01 | 2 | TQ2 | F1 | | 39B | B05 | |
| 04915 | | XA506 | 80 | | | | | | | | | TNSG3S | 03 | TNSG3S | 00 | 1 | TQ2 | F4 | | 39A | GAP DETECT COUNTER | |
| 06409 | | XA507 | 01 | | | | | | | | | TWEN0S | 02 | TWEN0R | 01 | 1 | TS8 | A1 | | 02B | | |
| 00896 | | XA507 | 02 | | | | | | | | | GND | 01 | | | | TS8 | | | 01A | | |
| 00434 | | XA507 | 03 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 06411 | | XA507 | 04 | | | | | | | | | TWEN1A | 02 | TWEN0R | 01 | 2 | TS8 | A1 | | 04A | | |
| 04386 | | XA507 | 05 | | XA517 | 47 | | | 16B | 9 | | TFPR10X | 06 | TWEN0R | 01 | 3 | TS8 | A1 | | 03B | B05 | |
| 06329 | | XA507 | 06 | | XA502 | 18 | | | 16B | 9 | | TRDY10X | 004 | TWEN0R | 01 | 4 | TS8 | A1 | | 05A | B08 | |
| 07423 | | XA507 | 07 | | XA502 | 07 | | | 16B | 9 | | TXRS1B | 20 | TWEN0R | 01 | 5 | TS8 | A1 | | 03A | | |
| 01663 | | XA507 | 08 | | XA442 | 61 | | | 16B | 9 | | SPI018 | 31 | TWEN0R | 01 | 6 | TS8 | A1 | | 06A | | |
| 00435 | | XA507 | 09 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 01298 | | XA507 | 10 | | XA510 | 69 | | | 16B | 9 | | SPI003 | 33 | TWEN0R | 01 | 7 | TS8 | A1 | | 07A | B08 | |
| 06405 | | XA507 | 11 | | XA512 | 08 | | | 16B | 9 | | TWEN0R | 01 | TWEN0R | 00 | 1 | TS8 | A1 | | 05B | | |
| 00167 | | XA507 | 12 | | | | | | | | | +5V | 01 | | | | TS8 | | | | | |
| 01669 | | XA507 | 13 | | XA507 | 25 | | | 16B | 9 | | SPI019 | 03 | TWEN0R | 01 | 8 | TS8 | A1 | | 06B | | |
| 06611 | | XA507 | 14 | | | | | | | | | TWRI0S | 05 | TWRI0R | 01 | 1 | TS8 | B1 | | 09A | | |
| 00436 | | XA507 | 15 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 00897 | | XA507 | 16 | | | | | | | | | GND | 01 | | | | TS8 | | | 21B | | |
| 00437 | | XA507 | 17 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 05100 | | XA507 | 18 | | XA504 | 04 | | | 16B | 9 | | TREN1S | 04 | TWRI0R | 01 | 2 | TS8 | B1 | | 10A | | |
| 06613 | | XA507 | 19 | | | | | | | | | TWRI1A | 02 | TWRI0R | 01 | 3 | TS8 | B1 | | 09B | | |
| 06518 | | XA507 | 20 | | XA507 | 70 | | | 16B | 9 | | SPI020 | 005 | TWRI0R | 01 | 4 | TS8 | B1 | | 11A | B02 | |
| 00438 | | XA507 | 21 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| CONNECTOR (XA507) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA507
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 359

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO | |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|------------------|
| | PREFIX | CONNECTOR | PIN | SN FC | PREFIX | CONNECTOR | PIN | SN FC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | SPEC LIST IN USE |
| 07125 | | XA507 | 22 | | | XA429 | 59 | | | 16B | 9 | | TXDPEA | 02 | TWRIOR | 01 | 5 | TS8 | B1 | | | | | |
| 06604 | | XA507 | 23 | | | XA512 | 24 | | | 16B | 9 | | TWRIOR | 01 | TWRIOR | 00 | 1 | TS8 | B1 | | | 12A | | 802 |
| 07422 | | XA507 | 24 | | | XA507 | 07 | | | 16B | 9 | | TXRS1B | 19 | TWRIOR | 01 | 6 | TS8 | B1 | | | 13A | | |
| 01670 | | XA507 | 25 | | | XA506 | 31 | | | 16B | 9 | | SPIO19 | 04 | TWRIOR | 01 | 7 | TS8 | B1 | | | 13B | | |
| 01633 | | XA507 | 26 | | | XA506 | 42 | | | 16B | 9 | | SPIO18 | 01 | TWRIOR | 01 | 8 | TS8 | B1 | | | 14A | | |
| 00439 | | XA507 | 27 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 00168 | | XA507 | 28 | | | | | | | | | | +5V | 01 | | | | TS8 | | | | | | |
| 00440 | | XA507 | 29 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 06591 | | XA507 | 30 | | | XA511 | 23 | | | 16B | 9 | | TWRITQ | 06 | TWRQ0A | 01 | 1 | TS8 | C1 | | | 15A | | |
| 04613 | | XA507 | 31 | | | XA517 | 41 | | | 16B | 9 | | TLCCOR | 01 | TWRQ0A | 01 | 2 | TS8 | C1 | | | 15B | | |
| 00898 | | XA507 | 32 | | | | | | | | | | GND | 01 | | | | TS8 | | | | 27A | | |
| 00441 | | XA507 | 33 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 06690 | | XA507 | 34 | | | XA513 | 09 | | | 16B | 9 | | TWRQ3P | 01 | TWRQ0A | 01 | 3 | TS8 | C1 | | | 16A | | |
| 06658 | | XA507 | 35 | | | XA509 | 10 | | | 16B | 9 | | TWRQ0A | 01 | TWRQ0A | 00 | 1 | TS8 | C1 | | | 17B | | |
| 06704 | | XA507 | 36 | | | XA436 | 31 | | | 16B | 9 | | TWRQ4Q | 01 | TWRQ0A | 01 | 4 | TS8 | C1 | | | 17A | | |
| 05747 | | XA507 | 37 | | | XA506 | 37 | | | 16B | 9 | | TSCL3B | 30 | TWRQ0A | 01 | 5 | TS8 | C1 | | | 18B | | |
| 01299 | | XA507 | 38 | | | | | | | | | | TWRQ0P | 02 | TWRQ0A | 01 | 6 | TS8 | C1 | | | 18A | | 805 |
| 00442 | | XA507 | 39 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 01716 | | XA507 | 40 | | | XA513 | 11 | | | 16B | 9 | | TWRQ1P | 01 | TWRQ0A | 01 | 7 | TS8 | C1 | | | 19A | | 805 |
| 00443 | | XA507 | 41 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 01667 | | XA507 | 42 | | | XA514 | 78 | | | 16B | 9 | | TWRQ2Q | 01 | TWRQ0A | 01 | 8 | TS8 | C1 | | | 20A | | C01 |
| 04729 | | XA507 | 43 | | | XA540 | 55 | | | 16B | 9 | | TLRC0Q | 01 | TLRCAA | 01 | 1 | TS8 | D1 | | | 23B | | |
| 00899 | | XA507 | 44 | | | | | | | | | | GND | 01 | | | | TS8 | | | | 40A | | |
| 00444 | | XA507 | 45 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 04734 | | XA507 | 46 | | | XA540 | 63 | | | 16B | 9 | | TLRC1Q | 01 | TLRCAA | 01 | 2 | TS8 | D1 | | | 21A | | |
| 04695 | | XA507 | 47 | | | XA407 | 53 | | | 16B | 9 | | TLRCAA | 01 | TLRCAA | 00 | 1 | TS8 | D1 | | | 25B | | |
| 04741 | | XA507 | 48 | | | | | | | | | | TLRC2Q | 03 | TLRCAA | 01 | 3 | TS8 | D1 | | | 22A | | |
| 04746 | | XA507 | 49 | | | | | | | | | | TLRC3Q | 03 | TLRCAA | 01 | 4 | TS8 | D1 | | | 26B | | |
| 04751 | | XA507 | 50 | | | | | | | | | | TLRC4Q | 03 | TLRCAA | 01 | 5 | TS8 | D1 | | | 23A | | |
| 00445 | | XA507 | 51 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 04756 | | XA507 | 52 | | | | | | | | | | TLRC5Q | 03 | TLRCAA | 01 | 6 | TS8 | D1 | | | 24A | | |
| 00446 | | XA507 | 53 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 04759 | | XA507 | 54 | | | XA540 | 78 | | | 16B | 9 | | TLRC6Q | 01 | TLRCAA | 01 | 7 | TS8 | D1 | | | 25A | | |
| 05148 | | XA507 | 55 | | | XA510 | 57 | | | 16B | 9 | | TREQ1S | 02 | TREQ4A | 01 | 1 | TS8 | E1 | | | 29B | | |
| 04764 | | XA507 | 56 | | | XA541 | 74 | | | 16B | 9 | | TLRC7Q | 01 | TLRCAA | 01 | 8 | TS8 | D1 | | | 26A | | C01 |
| 00447 | | XA507 | 57 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 00900 | | XA507 | 58 | | | | | | | | | | GND | 01 | | | | TS8 | | | | | | |
| 05163 | | XA507 | 59 | | | | | | | | | | TREQ4A | 02 | TREQ4A | 00 | 1 | TS8 | E1 | | | 31B | | |
| 05115 | | XA507 | 60 | | | XA431 | 17 | | | 16B | 9 | | TREN2S | 04 | TREQ4A | 01 | 2 | TS8 | E1 | | | 28A | | |
| 04808 | | XA507 | 61 | | | XA512 | 11 | | | 16B | 9 | | TMO2BP | 04 | TREQ4A | 01 | 3 | TS8 | E1 | | | 32B | | |
| 04818 | | XA507 | 62 | | | | | | | | | | TMO3BP | 04 | TREQ4A | 01 | 4 | TS8 | E1 | | | 29A | | |
| 00448 | | XA507 | 63 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 04836 | | XA507 | 64 | | | XA511 | 13 | | | 16B | 9 | | TMO4BQ | 05 | TREQ4A | 01 | 5 | TS8 | E1 | | | 30A | | |
| 00449 | | XA507 | 65 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 06033 | | XA507 | 66 | | | XA515 | 55 | | | 16B | 9 | | TS29CP | 01 | TREQ4A | 01 | 6 | TS8 | E1 | | | 31A | | |
| 00901 | | XA507 | 67 | | | | | | | | | | GND | 01 | | | | TS8 | | | | | | |
| 05743 | | XA507 | 68 | | | XA509 | 61 | | | 16B | 9 | | TSCL3B | 26 | TREQ4A | 01 | 7 | TS8 | E1 | | | 32A | | |
| 00450 | | XA507 | 69 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 01700 | | XA507 | 70 | | | XA507 | 79 | | | 16B | 9 | | SPIO20 | 01 | TREQ4A | 01 | 8 | TS8 | E1 | | | 33A | | |
| 05114 | | XA507 | 71 | | | XA507 | 60 | | | 16B | 9 | | TREN2S | 03 | TREN2R | 01 | 1 | TS8 | F1 | | | 36A | | |
| CONNECTOR XA507 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA507
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 360

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | REQ. MISC. | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|--|--------|-----------|-----|-------|--------|-----------|-----|-------|-------|------|-------|------------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FT | PREFIX | CONNECTOR | PIN | SH FT | GROUP | CODE | COLOR | | | | | | | | | | | | |
| 05094 | | XA507 | 72 | | | | | | | | | | TREN1A | 03 | TREN2R | 01 | 2 | TS8 | F1 | | 34A | | |
| 04918 | | XA507 | 73 | | XA508 | 62 | | | 16B | 9 | | | TNSG5A | 01 | TREN2R | 01 | 3 | TS8 | F1 | | 36B | | |
| 07897 | | XA507 | 74 | | XA428 | 22 | | | 16B | 9 | | | TXXDIA | 00 | TREN2R | 01 | 4 | TS8 | F1 | | 35B | A03 | |
| 07467 | | XA507 | 75 | | | | | | | | | | TXRS2B | 32 | TREN2R | 01 | 5 | TS8 | F1 | | 37B | | |
| 05110 | | XA507 | 76 | | XA506 | 71 | | | 16B | 9 | | | TREN2R | 01 | TREN2R | 00 | 1 | TS8 | F1 | | 37A | | |
| 01673 | | XA507 | 77 | | XA517 | 80 | | | 16B | 9 | | | TREN3A | 01 | TREN2R | 01 | 6 | TS8 | F1 | | 38B | | |
| 01290 | | XA507 | 78 | | XA504 | 77 | | | 16B | 9 | | | SPI003 | 25 | TREN2R | 01 | 7 | TS8 | F1 | | 38A | | |
| 01701 | | XA507 | 79 | | XA511 | 79 | | | 16B | 9 | | | SPI020 | 02 | TREN2R | 01 | 8 | TS8 | F1 | | 39B | | |
| 00451 | | XA507 | 80 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 05867 | | XA508 | 01 | | | | | | | | | | TSPAFQ | 02 | TNSGEA | 01 | 1 | TD4 | A2 | | 02B | | |
| 00902 | | XA508 | 02 | | | | | | | | | | GND | 01 | | | | TD4 | | | 01A | | |
| 00452 | | XA508 | 03 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 06086 | | XA508 | 04 | | XA508 | 43 | | | 16B | 9 | | | TTMOCO | 01 | TNSGEA | 01 | 2 | TD4 | A2 | | 04A | | |
| 04908 | | XA508 | 05 | | | | | | | | | | TNSG2S | 10 | TNSGEA | 01 | 3 | TD4 | A2 | | 03B | | |
| 05856 | | XA508 | 06 | | XA505 | 56 | | | 16B | 9 | | | TSPACP | 04 | TNSGDO | 01 | 1 | TD4 | A1 | | 05A | | |
| 05759 | | XA508 | 07 | | XA509 | 03 | | | 16B | 9 | | | TSCK3B | 42 | TNSGEA | 01 | 4 | TD4 | A2 | | 03A | | |
| 05862 | | XA508 | 08 | | XA515 | 07 | | | 16B | 9 | | | TSPAFP | 02 | TNSGDO | 01 | 2 | TD4 | A1 | | 06A | | |
| 04863 | | XA508 | 09 | | | | | | | | | | TNSGEA | 02 | TNSGEA | 00 | 1 | TD4 | A2 | | 04B | SPACE FILE REQUEST | |
| 04448 | | XA508 | 10 | | | | | | | | | | THISPP | 04 | TNSGDO | 01 | 3 | TD4 | A1 | | 07A | | |
| 04860 | | XA508 | 11 | | XA410 | 75 | | | 16B | 9 | | | TNSGDO | 01 | TNSGDO | 00 | 1 | TD4 | A1 | | 05B | | |
| 00169 | | XA508 | 12 | | | | | | | | | | +5V | 01 | | | | TD4 | | | | | |
| 01717 | | XA508 | 13 | | XA509 | 05 | | | 16B | 9 | | | SPI020 | 18 | TNSGDO | 01 | 4 | TD4 | A1 | | 06B | | |
| 04079 | | XA508 | 14 | | XA506 | 03 | | | 16B | 9 | | | TDIRIS | 03 | TNSGJA | 01 | 1 | TD4 | B2 | | 09A | | |
| 00453 | | XA508 | 15 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 00903 | | XA508 | 16 | | | | | | | | | | GND | 01 | | | | TD4 | | | 20B | | |
| 00454 | | XA508 | 17 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 04700 | | XA508 | 18 | | XA408 | 63 | | | 16B | 9 | | | TLRCBA | 02 | TNSGJA | 01 | 2 | TD4 | B2 | | 10A | | |
| 04907 | | XA508 | 19 | | XA508 | 05 | | | 16B | 9 | | | TNSG2S | 09 | TNSGJA | 01 | 3 | TD4 | B2 | | 09B | | |
| 05761 | | XA508 | 20 | | XA508 | 34 | | | 16B | 9 | | | TSCK3B | 44 | TNSGJA | 01 | 4 | TD4 | B2 | | 11A | | |
| 04867 | | XA508 | 21 | | XA526 | 27 | | | 16B | 9 | | | TNSGJA | 02 | TNSGJA | 00 | 1 | TD4 | B2 | | 10B | LRC PARITY ERROR D | |
| 04881 | | XA508 | 22 | | XA508 | 49 | | | 16B | 9 | | | TNSG0S | 01 | TNSG2A | 01 | 1 | TD4 | B1 | | 12A | | |
| 04895 | | XA508 | 23 | | | | | | | | | | TNSG2A | 02 | TNSG2A | 00 | 1 | TD4 | B1 | | 11B | | |
| 05885 | | XA508 | 24 | | XA407 | 30 | | | 16B | 9 | | | TSPNIS | 03 | TNSG2A | 01 | 2 | TD4 | B1 | | 13A | | |
| 08050 | | XA508 | 25 | | | | | | 16B | 9 | | | T080U0 | 03 | TNSG2A | 01 | 3 | TD4 | B1 | | 12B | B05 | |
| 05695 | | XA508 | 26 | | XA510 | 26 | | | 16B | 9 | | | TSCK1B | 42 | TNSG2A | 01 | 4 | TD4 | B1 | | 14A | | |
| 00455 | | XA508 | 27 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 00170 | | XA508 | 28 | | | | | | | | | | +5V | 01 | | | | TD4 | | | | | |
| 00456 | | XA508 | 29 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 01460 | | XA508 | 30 | | | | | | | | | | THISPQ | 03 | TFST6A | 01 | 1 | TD4 | C2 | | 15A | | |
| 01668 | | XA508 | 31 | | XA518 | 75 | | | 16B | 9 | | | TWRG2S | 01 | TFST6A | 01 | 2 | TD4 | C2 | | 15B | | |
| 00904 | | XA508 | 32 | | | | | | | | | | GND | 01 | | | | TD4 | | | 21B | | |
| 03402 | | XA508 | 33 | | XA418 | 66 | | | 16B | 9 | | | TFST6A | 01 | TFST6A | 00 | 1 | TD4 | C2 | | 16B | | |
| 01300 | | XA508 | 34 | | XA509 | 25 | | | 16B | 9 | | | TSCK3B | 445 | TFST6A | 01 | 3 | TD4 | C2 | | 16A | | |
| 04887 | | XA508 | 35 | | XA512 | 48 | | | 16B | 9 | | | TNSG1R | 02 | TNSG1R | 00 | 1 | TD4 | C1 | | 17B | | |
| 01714 | | XA508 | 36 | | XA508 | 50 | | | 16B | 9 | | | SPI020 | 15 | TFST6A | 01 | 4 | TD4 | C2 | | 17A | | |
| 04892 | | XA508 | 37 | | XA512 | 46 | | | 16B | 9 | | | TNSG1S | 03 | TNSG1R | 01 | 1 | TD4 | C1 | | 18B | | |
| 04910 | | XA508 | 38 | | | | | | | | | | TNSG3A | 02 | TNSG1R | 01 | 2 | TD4 | C1 | | 18A | | |
| 00457 | | XA508 | 39 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| CONNECTOR XA508 CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA508
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 361

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FTG | PREFIX | CONNECTOR | PIN | SH FTG | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 05087 | | XA508 | 40 | | | XA518 | 23 | | | | | | TRENOS | 02 | TNSG1R | 01 | 3 | TD4 | C1 | | 19A | | |
| 00458 | | XA508 | 41 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 07425 | | XA508 | 42 | | | XA509 | 42 | | | 16B | 9 | | TXRS1B | 22 | TNSG1R | 01 | 4 | TD4 | C1 | | 20A | | |
| 06087 | | XA508 | 43 | | | XA505 | 30 | | | 16B | 9 | | TTMDC0 | 02 | TNSG1A | 01 | 1 | TD4 | D2 | | 23B | | |
| 00905 | | XA508 | 44 | | | | | | | | | | GND | 01 | | | | TD4 | | | | 27A | |
| 04865 | | XA508 | 45 | | | | | | | | | | TNSG1A | 02 | TNSG1A | 00 | 1 | TD4 | D2 | | 24B | TAPE MARK DETECTED | |
| 04899 | | XA508 | 46 | | | XA511 | 48 | | | 16B | 9 | | TNSG2S | 01 | TNSG1A | 01 | 2 | TD4 | D2 | | 21A | | |
| 04880 | | XA508 | 47 | | | | | | | | | | TNSGOR | 03 | TNSGOR | 00 | 1 | TD4 | D1 | | 25B | | |
| 05746 | | XA508 | 48 | | | XA507 | 37 | | | 16B | 9 | | TSCL3B | 29 | TNSG1A | 01 | 3 | TD4 | D2 | | 22A | | |
| 04882 | | XA508 | 49 | | | XA512 | 52 | | | 16B | 9 | | TNSG0S | 02 | TNSGOR | 01 | 1 | TD4 | D1 | | 26B | | |
| 01715 | | XA508 | 50 | | | XA508 | 13 | | | 16B | 9 | | SPT020 | 16 | TNSG1A | 01 | 4 | TD4 | D2 | | 23A | | |
| 00459 | | XA508 | 51 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 04885 | | XA508 | 52 | | | | | | | | | | TNSG1A | 02 | TNSGOR | 01 | 2 | TD4 | D1 | | 24A | | |
| 00460 | | XA508 | 53 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 05086 | | XA508 | 54 | | | XA508 | 40 | | | 16B | 9 | | TRENOS | 01 | TNSGOR | 01 | 3 | TD4 | D1 | | 25A | | |
| 05083 | | XA508 | 55 | | | | | | | | | | TRENOA | 04 | TKBR50 | 01 | 1 | TD4 | E2 | | 29B | | |
| 07466 | | XA508 | 56 | | | XA507 | 75 | | | 16B | 9 | | TXRS2B | 31 | TNSGOR | 01 | 4 | TD4 | D1 | | 26A | | |
| 04527 | | XA508 | 57 | | | XA505 | 62 | | | 16B | 9 | | TKBR50 | 01 | TKBR50 | 00 | 1 | TD4 | E2 | | 30B | | |
| 00906 | | XA508 | 58 | | | | | | | | | | GND | 01 | | | | TD4 | | | | 40A | |
| 06622 | | XA508 | 59 | | | XA511 | 49 | | | 16B | 9 | | TWRI2A | 01 | TWRI2A | 00 | 1 | TD4 | E1 | | 31B | | |
| 04876 | | XA508 | 60 | | | XA512 | 56 | | | 16B | 9 | | TNSGOA | 02 | TKBR50 | 01 | 2 | TD4 | E2 | | 28A | | |
| 06607 | | XA508 | 61 | | | XA510 | 56 | | | 16B | 9 | | TWRI0S | 01 | TWRI2A | 01 | 1 | TD4 | E1 | | 32B | | |
| 04919 | | XA508 | 62 | | | XA512 | 39 | | | 16B | 9 | | TNSG5A | 02 | TKBR50 | 01 | 3 | TD4 | E2 | | 29A | | |
| 00461 | | XA508 | 63 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 07465 | | XA508 | 64 | | | XA508 | 56 | | | 16B | 9 | | TXRS2B | 30 | TKBR50 | 01 | 4 | TD4 | E2 | | 30A | | |
| 00462 | | XA508 | 65 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 06632 | | XA508 | 66 | | | XA505 | 70 | | | 16B | 9 | | TWRI2R | 08 | TWRI2A | 01 | 2 | TD4 | E1 | | 31A | | |
| 00907 | | XA508 | 67 | | | | | | | | | | GND | 01 | | | | TD4 | | | | 40B | |
| 06640 | | XA508 | 68 | | | XA510 | 51 | | | 16B | 9 | | TWRI3R | 01 | TWRI2A | 01 | 3 | TD4 | E1 | | 32A | | |
| 04463 | | XA508 | 69 | | | XA503 | 48 | | | 16B | 9 | | TINT2A | 03 | TINT2A | 00 | 1 | TD4 | E2 | | 35A | | |
| 05742 | | XA508 | 70 | | | XA507 | 68 | | | 16B | 9 | | TSCL3B | 25 | TWRI2A | 01 | 4 | TD4 | E1 | | 33A | | |
| 04460 | | XA508 | 71 | | | | | | | | | | TINT10 | 03 | TINT2A | 01 | 1 | TD4 | E2 | | 36A | | |
| 05066 | | XA508 | 72 | | | XA425 | 57 | | | 16B | 9 | | TREDBP | 02 | TINT2A | 01 | 2 | TD4 | F2 | | 34A | | |
| 05172 | | XA508 | 73 | | | XA407 | 19 | | | 16B | 9 | | TREWDP | 02 | TINT2A | 01 | 3 | TD4 | F2 | | 36B | | |
| 06060 | | XA508 | 74 | | | XA502 | 77 | | | 16B | 9 | | TTASLP | 02 | TINT2A | 01 | 4 | TD4 | F2 | | 35B | | |
| 05075 | | XA508 | 75 | | | | | | | | | | TREG1A | 02 | TREG00 | 01 | 1 | TD4 | F1 | | 37B | | |
| 05073 | | XA508 | 76 | | | | | | | | | | TREG00 | 02 | TREG00 | 00 | 1 | TD4 | F1 | | 37A | ERASE STOP | |
| 05076 | | XA508 | 77 | | | XA506 | 57 | | | 16B | 9 | | TREG2A | 01 | TREG00 | 01 | 2 | TD4 | F1 | | 38B | | |
| 05079 | | XA508 | 78 | | | | | | | | | | TREG3A | 02 | TREG00 | 01 | 3 | TD4 | F1 | | 38A | | |
| 08043 | | XA508 | 79 | | | | | | | | | | T009SA | 03 | TREG00 | 01 | 4 | TD4 | F1 | | 39B | | |
| 00463 | | XA508 | 80 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 06696 | | XA509 | 01 | | | XA510 | 33 | | | 16B | 9 | | TWR03S | 01 | TWR05A | 01 | 1 | TT3 | A2 | | 02B | | |
| 00908 | | XA509 | 02 | | | | | | | | | | GND | 01 | | | | TT3 | | | | 01B | |
| 05760 | | XA509 | 03 | | | XA508 | 20 | | | 16B | 9 | | TSCK3B | 43 | TWR05A | 01 | 2 | TT3 | A2 | | 02A | | |
| 06665 | | XA509 | 04 | | | XA510 | 06 | | | 16B | 9 | | TWR00S | 01 | TWR00S | 00 | 1 | TT3 | A1 | | 04A | | |
| 01718 | | XA509 | 05 | | | XA512 | 05 | | | 16B | 9 | | SPT020 | 19 | TWR05A | 01 | 3 | TT3 | A2 | | 03B | | |
| 06664 | | XA509 | 06 | | | | | | | | | | TWR00R | 03 | TWR00S | 01 | 1 | TT3 | A1 | | 05A | | |
| 06707 | | XA509 | 07 | | | XA511 | 05 | | | 16B | 9 | | TWR05A | 02 | TWR05A | 00 | 1 | TT3 | A2 | | 03A | | |
| CONNECTOR XA509 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1377

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA509
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 363

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------|-------------|------|-------|--------|--------|----------|--------|--------|------------------|-------|---------------------|--------------------|--------------------|------------------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 00912 | | XA509 | 58 | | | | | | | | | GND | 01 | | | TT3 | | | | 40B | |
| 03493 | | XA509 | 59 | | XA522 | 34 | | | 16B | 9 | | TBUSYR | 04 | TSC11A | 01 | 2 | TT3 | F3 | | 31B | |
| 04073 | | XA509 | 60 | | XA519 | 23 | | | 16B | 9 | | TDIRIR | 04 | TINT9A | 01 | 2 | TT3 | E2 | | 28A | |
| 05744 | | XA509 | 61 | | XA509 | 62 | | | 16B | 9 | | TSCL3B | 27 | TSC11A | 01 | 3 | TT3 | F3 | | 32B | |
| 05745 | | XA509 | 62 | | XA508 | 48 | | | 16B | 9 | | TSCL3B | 28 | TINT9A | 01 | 3 | TT3 | E2 | | 29A | |
| 05652 | | XA509 | 63 | | XA503 | 71 | | | 16B | 9 | | TSC11A | 01 | TSC11A | 00 | 1 | TT3 | F3 | | 33B | |
| 04478 | | XA509 | 64 | | XA506 | 23 | | | 16B | 9 | | UINT7A | 02 | UINT7A | 00 | 1 | TT3 | E1 | | 30A | B05 |
| 04583 | | XA509 | 65 | | XA509 | 75 | | | 16B | 9 | | TLAD0S | 03 | TLAD0R | 01 | 1 | TT3 | F2 | | 34B | |
| 04348 | | XA509 | 66 | | XA518 | 62 | | | 16B | 9 | | TXGN2A | 02 | UINT7A | 01 | 1 | TT3 | E1 | | 31A | B05 |
| 00913 | | XA509 | 67 | | | | | | | | | GND | 01 | | | TT3 | | | | | |
| 04078 | | XA509 | 68 | | XA508 | 14 | | | 16B | 9 | | TDIRIS | 02 | UINT7A | 01 | 2 | TT3 | E1 | | 32A | B05 |
| 06574 | | XA509 | 69 | | XA425 | 31 | | | 16B | 9 | | TWRIEQ | 01 | TNSGMA | 01 | 1 | TT3 | F3 | | 35A | A07 |
| 05741 | | XA509 | 70 | | XA508 | 70 | | | 16B | 9 | | TSCL3B | 24 | UINT7A | 01 | 3 | TT3 | E1 | | 33A | B05 |
| 04586 | | XA509 | 71 | | XA506 | 39 | | | 16B | 9 | | TLAD1A | 01 | TLAD0R | 01 | 2 | TT3 | F2 | | 36A | |
| 07464 | | XA509 | 72 | | XA508 | 64 | | | 16B | 9 | | TXRS2B | 29 | TLAD0R | 01 | 3 | TT3 | F2 | | 34A | |
| 04576 | | XA509 | 73 | | XA505 | 31 | | | 16B | 9 | | TLAD0A | 01 | TLAD0A | 00 | 1 | TT3 | F1 | | 36B | |
| 04580 | | XA509 | 74 | | | | | | | | | TLAD0R | 03 | TLAD0R | 00 | 1 | TT3 | F2 | | 35B | |
| 04584 | | XA509 | 75 | | XA510 | 74 | | | 16B | 9 | | TLAD0S | 04 | TLAD0A | 01 | 1 | TT3 | F1 | | 37B | |
| 06556 | | XA509 | 76 | | XA410 | 69 | | | 16B | 9 | | TWRG2S | 04 | TNSGMA | 01 | 2 | TT3 | F3 | | 37A | |
| 03798 | | XA509 | 77 | | XA409 | 59 | | | 16B | 9 | | TCZR00 | 02 | TLAD0A | 01 | 2 | TT3 | F1 | | 38B | |
| 05740 | | XA509 | 78 | | XA509 | 70 | | | 16B | 9 | | TSCL3B | 23 | TNSGMA | 01 | 3 | TT3 | F3 | | 38A | |
| 05688 | | XA509 | 79 | | XA506 | 74 | | | 16B | 9 | | TSCK1B | 35 | TLAD0A | 01 | 3 | TT3 | F1 | | 39B | |
| 04873 | | XA509 | 80 | | XA503 | 74 | | | 16B | 9 | | TNSGMA | 01 | TNSGMA | 00 | 1 | TT3 | F3 | | 39A | ERASE STOP |
| 06675 | | XA510 | 01 | | XA511 | 17 | | | 16B | 9 | | TWRQ1S | 01 | TWRQ1R | 01 | 1 | TT3 | A2 | | 02B | |
| 00914 | | XA510 | 02 | | | | | | | | | GND | 01 | | | TT3 | | | | 01B | |
| 06688 | | XA510 | 03 | | XA512 | 21 | | | 16B | 9 | | TWRQ3A | 01 | TWRQ1R | 01 | 2 | TT3 | A2 | | 02A | |
| 06663 | | XA510 | 04 | | XA509 | 06 | | | 16B | 9 | | TWRQ0R | 02 | TWRQ0R | 00 | 1 | TT3 | A1 | | 04A | |
| 07418 | | XA510 | 05 | | XA510 | 10 | | | 16B | 9 | | TXRS1B | 15 | TWRQ1R | 01 | 3 | TT3 | A2 | | 03B | |
| 06666 | | XA510 | 06 | | XA512 | 18 | | | 16B | 9 | | TWRQ0S | 02 | TWRQ0R | 01 | 1 | TT3 | A1 | | 05A | |
| 06674 | | XA510 | 07 | | | | | | | | | TWRQ1R | 02 | TWRQ1R | 00 | 1 | TT3 | A2 | | 03A | |
| 06669 | | XA510 | 08 | | XA418 | 60 | | | 16B | 9 | | TWRQ1A | 02 | TWRQ0R | 01 | 2 | TT3 | A1 | | 06A | |
| 06687 | | XA510 | 09 | | | | | | | | | TWRQ2S | 03 | TWRQ4A | 01 | 1 | TT3 | A3 | | 04B | |
| 07419 | | XA510 | 10 | | XA509 | 18 | | | 16B | 9 | | TXRS1B | 16 | TWRQ0R | 01 | 3 | TT3 | A1 | | 07A | |
| 04782 | | XA510 | 11 | | XA514 | 33 | | | 16B | 9 | | TMWCBP | 02 | TWRQ4A | 01 | 2 | TT3 | A3 | | 05B | |
| 00173 | | XA510 | 12 | | | | | | | | | +5V | 01 | | | TT3 | | | | | |
| 05697 | | XA510 | 13 | | XA513 | 10 | | | 16B | 9 | | TSCK1B | 44 | TWRQ4A | 01 | 3 | TT3 | A3 | | 06B | B05 |
| 05860 | | XA510 | 14 | | | | | | | | | TSPACQ | 03 | TNSGCA | 01 | 1 | TT3 | B2 | | 09A | |
| 06700 | | XA510 | 15 | | | | | | | | | TWRQ4A | 02 | TWRQ4A | 00 | 1 | TT3 | A3 | | 07B | |
| 00915 | | XA510 | 16 | | | | | | | | | GND | 01 | | | TT3 | | | | 21B | |
| 04903 | | XA510 | 17 | | XA509 | 22 | | | 16B | 9 | | TNSG2S | 05 | TNSGCA | 01 | 2 | TT3 | B2 | | 08B | |
| 05771 | | XA510 | 18 | | XA511 | 10 | | | 16B | 9 | | TSCK3B | 54 | TNSGCA | 01 | 3 | TT3 | B2 | | 10A | |
| 04857 | | XA510 | 19 | | | | | | | | | TNSGCA | 02 | TNSGCA | 00 | 1 | TT3 | B2 | | 09B | SPACE RECORD REQ |
| 04916 | | XA510 | 20 | | XA512 | 31 | | | 16B | 9 | | TNSG4A | 01 | TNSG4A | 00 | 1 | TT3 | B1 | | 11A | |
| 04872 | | XA510 | 21 | | | | | | | | | TNSGK0 | 02 | TNSGKA | 01 | 1 | TT3 | B3 | | 10B | |
| 04890 | | XA510 | 22 | | XA509 | 29 | | | 16B | 9 | | TNSG1S | 01 | TNSG4A | 01 | 1 | TT3 | B1 | | 12A | |
| 04905 | | XA510 | 23 | | XA509 | 23 | | | 16B | 9 | | TNSG2S | 07 | TNSGKA | 01 | 2 | TT3 | B3 | | 11B | |
| 08046 | | XA510 | 24 | | | | | | | | | T002M0 | 02 | TNSG4A | 01 | 2 | TT3 | B1 | | 13A | C03 |
| 05763 | | XA510 | 25 | | XA509 | 30 | | | 16B | 9 | | TSCK3B | 46 | TNSGKA | 01 | 3 | TT3 | B3 | | 12B | |
| CONNECTOR XA510 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA510
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 364

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SER NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | FCO NO | |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|--------|--------|----------|--------|--------|------------------|-------|---------------------|--------------------|--------------------|--------------------|-----------------|
| | PREFIX | CONNECTOR | PIN | OR PC | PREFIX | CONNECTOR | PIN | OR PC | MULTI GROUP | CODE | COLOR | IDENY | | | | | | | | | | | | SPEC INST INSEC |
| 05696 | | XA510 | 26 | | | XA510 | 13 | | | 16B | 9 | | | TSCK1B | 43 | TNSG4A | 01 | 3 | TT3 | B1 | | 14A | | |
| 04870 | | XA510 | 27 | | | XA510 | 13 | | | | | | | TNSGKA | 02 | TNSGKA | 00 | 1 | TT3 | B3 | | 13B | SPACE FILE START | |
| 00174 | | XA510 | 28 | | | | | | | | | | | +5V | 01 | | | | TT3 | | | | | |
| 06686 | | XA510 | 29 | | | XA510 | 09 | | | 16B | 9 | | | TWRQ2S | 02 | TWRQ2R | 01 | 1 | TT3 | C2 | | 14B | | |
| 06706 | | XA510 | 30 | | | XA509 | 07 | | | 16B | 9 | | | TWRQ5A | 01 | TWRQ2R | 01 | 2 | TT3 | C2 | | 15A | | |
| 06684 | | XA510 | 31 | | | | | | | | | | | TWRQ2R | 03 | TWRQ2R | 00 | 1 | TT3 | C2 | | 15B | | |
| 00916 | | XA510 | 32 | | | | | | | | | | | GND | 01 | | | | TT3 | | | 27A | | |
| 06697 | | XA510 | 33 | | | XA512 | 38 | | | 16B | 9 | | | TWRQ3S | 02 | TWRQ3R | 01 | 1 | TT3 | C3 | | 16B | | |
| 07429 | | XA510 | 34 | | | XA510 | 37 | | | 16B | 9 | | | TMR50A | 03 | TWRQ2R | 01 | 3 | TT3 | C2 | | 16A | B08 | |
| 06712 | | XA510 | 35 | | | XA511 | 30 | | | 16B | 9 | | | TWRQ7A | 01 | TWRQ3R | 01 | 2 | TT3 | C3 | | 17B | | |
| 05913 | | XA510 | 36 | | | XA509 | 13 | | | 16B | 9 | | | TSTPOR | 04 | TSTPOR | 00 | 1 | TT3 | C1 | | 17A | | |
| 07428 | | XA510 | 37 | | | | | | | | | | | TMR50A | 04 | TWRQ3R | 01 | 3 | TT3 | C3 | | 18B | B08 | |
| 05923 | | XA510 | 38 | | | | | | | | | | | TSTPOS | 05 | TSTPOR | 01 | 1 | TT3 | C1 | | 18A | | |
| 06695 | | XA510 | 39 | | | | | | | | | | | TWRQ3R | 02 | TWRQ3R | 00 | 1 | TT3 | C3 | | 19B | | |
| 05924 | | XA510 | 40 | | | XA408 | 66 | | | 16B | 9 | | | TSTP1A | 01 | TSTPOR | 01 | 2 | TT3 | C1 | | 19A | | |
| 06634 | | XA510 | 41 | | | XA511 | 66 | | | 16B | 9 | | | TWRI2S | 01 | TWRI6A | 01 | 1 | TT3 | D2 | | 22B | | |
| 07427 | | XA510 | 42 | | | XA513 | 36 | | | 16B | 9 | | | TXRS1B | 24 | TSTPOR | 01 | 3 | TT3 | C1 | | 20A | B08 | |
| 06651 | | XA510 | 43 | | | | | | | | | | | TWRI6A | 02 | TWRI6A | 00 | 1 | TT3 | D2 | | 23B | | |
| 00917 | | XA510 | 44 | | | | | | | | | | | GND | 01 | | | | TT3 | | | 40A | | |
| 06644 | | XA510 | 45 | | | XA505 | 45 | | | 16B | 9 | | | TWRI3S | 02 | TWRI3R | 01 | 1 | TT3 | D3 | | 24B | | |
| 08066 | | XA510 | 46 | | | XA522 | 75 | | | 16B | 9 | | | T198U0 | 01 | TWRI6A | 01 | 2 | TT3 | D2 | | 21A | B05 | |
| 06648 | | XA510 | 47 | | | XA511 | 60 | | | 16B | 9 | | | TWRI5A | 01 | TWRI3R | 01 | 2 | TT3 | D3 | | 25B | | |
| 05684 | | XA510 | 48 | | | XA509 | 56 | | | 16B | 9 | | | TSCK1B | 31 | TWRI6A | 01 | 3 | TT3 | D2 | | 22A | | |
| 07460 | | XA510 | 49 | | | XA510 | 61 | | | 16B | 9 | | | TXRS2B | 25 | TWRI3R | 01 | 3 | TT3 | D3 | | 26B | | |
| 06615 | | XA510 | 50 | | | XA504 | 62 | | | 16B | 9 | | | TWRI1R | 02 | TWRI1R | 00 | 1 | TT3 | D1 | | 23A | | |
| 06641 | | XA510 | 51 | | | XA505 | 41 | | | 16B | 9 | | | TWRI3R | 02 | TWRI3R | 00 | 1 | TT3 | D3 | | 27B | | |
| 06618 | | XA510 | 52 | | | XA511 | 51 | | | 16B | 9 | | | TWRI1S | 02 | TWRI1R | 01 | 1 | TT3 | D1 | | 24A | | |
| 05139 | | XA510 | 53 | | | | | | | | | | | TREQ0S | 03 | TREQ0R | 01 | 1 | TT3 | E2 | | 28B | | |
| 06639 | | XA510 | 54 | | | | | | | | | | | TWRI3A | 02 | TWRI1R | 01 | 2 | TT3 | D1 | | 25A | | |
| 05135 | | XA510 | 55 | | | XA506 | 68 | | | 16B | 9 | | | TREQ0R | 01 | TREQ0R | 00 | 1 | TT3 | E2 | | 29B | | |
| 06608 | | XA510 | 56 | | | XA515 | 43 | | | 16B | 9 | | | TWRI0S | 02 | TWRI1R | 01 | 3 | TT3 | D1 | | 26A | | |
| 05149 | | XA510 | 57 | | | XA512 | 30 | | | 16B | 9 | | | TREQ1S | 03 | TREQ1R | 01 | 1 | TT3 | E3 | | 30B | | |
| 00918 | | XA510 | 58 | | | | | | | | | | | GND | 01 | | | | TT3 | | | 40B | | |
| 05157 | | XA510 | 59 | | | XA525 | 11 | | | 16B | 9 | | | TREQ3A | 02 | TREQ1R | 01 | 2 | TT3 | E3 | | 31B | B05 | |
| 05140 | | XA510 | 60 | | | XA506 | 69 | | | 16B | 9 | | | TREQ1A | 01 | TREQ0R | 01 | 2 | TT3 | E2 | | 28A | | |
| 07461 | | XA510 | 61 | | | XA510 | 62 | | | 16B | 9 | | | TXRS2B | 26 | TREQ1R | 01 | 3 | TT3 | E3 | | 32B | | |
| 07462 | | XA510 | 62 | | | XA510 | 70 | | | 16B | 9 | | | TXRS2B | 27 | TREQ0R | 01 | 3 | TT3 | E2 | | 29A | | |
| 05145 | | XA510 | 63 | | | XA512 | 34 | | | 16B | 9 | | | TREQ1R | 02 | TREQ1R | 00 | 1 | TT3 | E3 | | 33B | | |
| 04646 | | XA510 | 64 | | | | | | | | | | | TLCC3R | 02 | TLCC3R | 00 | 1 | TT3 | E1 | | 30A | | |
| 04579 | | XA510 | 65 | | | XA509 | 74 | | | 16B | 9 | | | TLAD0R | 02 | TLAD0S | 01 | 1 | TT3 | F2 | | 34B | | |
| 04647 | | XA510 | 66 | | | XA511 | 57 | | | 16B | 9 | | | TLCC3S | 01 | TLCC3R | 01 | 1 | TT3 | E1 | | 31A | | |
| 00919 | | XA510 | 67 | | | | | | | | | | | GND | 01 | | | | TT3 | | | | | |
| 04643 | | XA510 | 68 | | | XA512 | 63 | | | 16B | 9 | | | TLCC3A | 01 | TLCC3R | 01 | 2 | TT3 | E1 | | 32A | | |
| 04702 | | XA510 | 69 | | | | | | | | | | | SPI003 | 34 | TTM0CA | 01 | 1 | TT3 | F3 | | 35A | B08 | |
| 07463 | | XA510 | 70 | | | XA509 | 72 | | | 16B | 9 | | | TXRS2B | 28 | TLCC3R | 01 | 3 | TT3 | E1 | | 33A | | |
| 04456 | | XA510 | 71 | | | XA505 | 80 | | | 16B | 9 | | | TINT1A | 03 | TLAD0S | 01 | 2 | TT3 | F2 | | 36A | | |
| 04465 | | XA510 | 72 | | | XA509 | 43 | | | 16B | 9 | | | TINT5A | 01 | TLAD0S | 01 | 3 | TT3 | F2 | | 34A | | |
| 03693 | | XA510 | 73 | | | XA418 | 07 | | | 16B | 9 | | | TCRSCA | 00 | TCRSCA | 00 | 1 | TT3 | F1 | | 36B | | |
| 04585 | | XA510 | 74 | | | | | | | | | | | TLAD0S | 05 | TLAD0S | 00 | 1 | TT3 | F2 | | 35B | LOOK AHEAD DELAY C | |
| 04494 | | XA510 | 75 | | | XA514 | 49 | | | 16B | 9 | | | TKA01Q | 06 | TCRSCA | 01 | 1 | TT3 | F1 | | 37B | | |
| CONNECTOR XA510 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1379

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA510
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 365

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|------|-------------|------|-------|--------|---------|----------|--------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | DRG | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 04548 | | XA510 | 76 | | XA514 | 59 | | | 168 | 9 | | TKC00P | 02 | TTMDCA | 01 | 2 | TT3 | F3 | | | |
| 04504 | | XA510 | 77 | | XA503 | 06 | | | 168 | 9 | | TKA02P | 05 | TCRSCA | 01 | 2 | TT3 | F1 | | | 37A |
| 04555 | | XA510 | 78 | | XA513 | 61 | | | 168 | 9 | | TKC01Q | 01 | TTMDCA | 01 | 3 | TT3 | F3 | | | 38B |
| 05739 | | XA510 | 79 | | XA509 | 78 | | | 168 | 9 | | TSC13B | 22 | TCRSCA | 01 | 3 | TT3 | F1 | | | 39A |
| 06085 | | XA510 | 80 | | | | | | | | | TTMDCA | 02 | TTMDCA | 00 | 1 | TT3 | F3 | | | 39B |
| 04797 | | XA511 | 01 | | XA512 | 04 | | | 168 | 9 | | TM00S0 | 01 | TM00S0 | 00 | 1 | TQ2 | A2 | | | 02B |
| 00920 | | XA511 | 02 | | | | | | | | | GND | 01 | | | | TQ2 | | | | 01A |
| 05151 | | XA511 | 03 | | XA512 | 36 | | | 168 | 9 | | TREQ2A | 01 | TM01S0 | 01 | 1 | TQ2 | A3 | | | 02A |
| 05229 | | XA511 | 04 | | | | | | | | | TRMROA | 02 | TM00S0 | 01 | 1 | TQ2 | A2 | | | 04A |
| 06708 | | XA511 | 05 | | XA425 | 75 | | | 168 | 9 | | TWRQ5A | 03 | TM00S0 | 01 | 2 | TQ2 | A2 | | | 03B |
| 05824 | | XA511 | 06 | | XA506 | 26 | | | 168 | 9 | | TSNC1A | 02 | TSNC1A | 00 | 1 | TQ2 | A1 | | | 05A |
| 06624 | | XA511 | 07 | | | | | | | | | TWR12A | 03 | TM01S0 | 01 | 2 | TQ2 | A3 | | | 01A |
| 05847 | | XA511 | 08 | | XA515 | 19 | | | 168 | 9 | | TSNC2S | 04 | TSNC1A | 01 | 1 | TQ2 | A1 | | | 06A |
| 04803 | | XA511 | 09 | | XA512 | 03 | | | 168 | 9 | | TM01S0 | 01 | TM01S0 | 00 | 1 | TQ2 | A3 | | | 04B |
| 05772 | | XA511 | 10 | | XA515 | 13 | | | 168 | 9 | | TSCK3B | 55 | TSNC1A | 01 | 2 | TQ2 | A1 | | | 07A |
| 04810 | | XA511 | 11 | | XA514 | 34 | | | 168 | 9 | | TM02B0 | 01 | TM0CPA | 01 | 1 | TQ2 | A4 | | | 05B |
| 00175 | | XA511 | 12 | | | | | | | | | +5V | 01 | | | | TQ2 | | | | |
| 04837 | | XA511 | 13 | | XA512 | 13 | | | 168 | 9 | | TM04BQ | 06 | TM0CPA | 01 | 2 | TQ2 | A4 | | | 06B |
| 06496 | | XA511 | 14 | | XA517 | 48 | | | 168 | 9 | | TADSAA | 01 | TADSAA | 00 | 1 | TQ2 | B2 | | | 09A |
| 04789 | | XA511 | 15 | | XA513 | 42 | | | 168 | 9 | | TM0CPA | 01 | TM0CPA | 00 | 1 | TQ2 | A4 | | | 07B |
| 00921 | | XA511 | 16 | | | | | | | | | GND | 01 | | | | TQ2 | | | | 01B |
| 06676 | | XA511 | 17 | | XA516 | 66 | | | 168 | 9 | | TWRQ1S | 02 | TWRQ1A | 01 | 1 | TQ2 | B3 | | | 08B |
| 05535 | | XA511 | 18 | | XA421 | 43 | | | 168 | 9 | | TADSAOX | 00C | TADSAA | 01 | 1 | TQ2 | B2 | | | 10A |
| 05770 | | XA511 | 19 | | XA510 | 18 | | | 168 | 9 | | TSCK3B | 53 | TWRQ1A | 01 | 2 | TQ2 | B3 | | | 09B |
| 01721 | | XA511 | 20 | | XA513 | 15 | | | 168 | 9 | | SPIO20 | 22 | TADSAA | 01 | 2 | TQ2 | B2 | | | 11A |
| 06668 | | XA511 | 21 | | XA510 | 08 | | | 168 | 9 | | TWRQ1A | 01 | TWRQ1A | 00 | 1 | TQ2 | B3 | | | 10B |
| 04825 | | XA511 | 22 | | XA514 | 38 | | | 168 | 9 | | TM03RA | 01 | TM03RA | 00 | 1 | TQ2 | B1 | | | 12A |
| 06592 | | XA511 | 23 | | XA515 | 06 | | | 168 | 9 | | TWRITQ | 07 | TWRQ6A | 01 | 1 | TQ2 | B4 | | | 11B |
| 04792 | | XA511 | 24 | | | | | | | | | TM00BP | 02 | TM03RA | 01 | 1 | TQ2 | B1 | | | 13A |
| 06008 | | XA511 | 25 | | XA516 | 55 | | | 168 | 9 | | TSTR90 | 01 | TWRQ6A | 01 | 2 | TQ2 | B4 | | | 12B |
| 04800 | | XA511 | 26 | | | | | | | | | TM01BP | 02 | TM03RA | 01 | 2 | TQ2 | B1 | | | 14A |
| 06710 | | XA511 | 27 | | XA509 | 08 | | | 168 | 9 | | TWRQ6A | 01 | TWRQ6A | 00 | 1 | TQ2 | B4 | | | 13B |
| 00176 | | XA511 | 28 | | | | | | | | | +5V | 01 | | | | TQ2 | | | | |
| 04902 | | XA511 | 29 | | XA510 | 17 | | | 168 | 9 | | TNSG2S | 04 | TNSG6A | 01 | 1 | TQ2 | C3 | | | 14B |
| 06713 | | XA511 | 30 | | | | | | | | | TWRQ7A | 02 | TWRQ7A | 00 | 1 | TQ2 | C2 | | | 15A |
| 05765 | | XA511 | 31 | | XA511 | 37 | | | 168 | 9 | | TSCK3B | 48 | TNSG6A | 01 | 2 | TQ2 | C3 | | | 15B |
| 00922 | | XA511 | 32 | | | | | | | | | GND | 01 | | | | TQ2 | | | | 20B |
| 04922 | | XA511 | 33 | | XA506 | 78 | | | 168 | 9 | | TNSG6A | 01 | TNSG6A | 00 | 1 | TQ2 | C3 | | | 16B |
| 06683 | | XA511 | 34 | | XA510 | 31 | | | 168 | 9 | | TWRQ2R | 02 | TWRQ7A | 01 | 1 | TQ2 | C2 | | | 16A |
| 04897 | | XA511 | 35 | | XA512 | 29 | | | 168 | 9 | | TNSG2R | 02 | TNSG7A | 01 | 1 | TQ2 | C4 | | | 17B |
| 05683 | | XA511 | 36 | | XA411 | 52 | | | 168 | 9 | | TSCL1B | 30 | TWRQ7A | 01 | 2 | TQ2 | C2 | | | 17A |
| 05766 | | XA511 | 37 | | XA511 | 50 | | | 168 | 9 | | TSCK3B | 49 | TNSG7A | 01 | 2 | TQ2 | C4 | | | 18B |
| 06685 | | XA511 | 38 | | XA510 | 29 | | | 168 | 9 | | TWRQ2S | 01 | TWRQ2S | 00 | 1 | TQ2 | C1 | | | 18A |
| 04925 | | XA511 | 39 | | | | | | | | | TNSG7A | 02 | TNSG7A | 00 | 1 | TQ2 | C4 | | | 19B |
| 06682 | | XA511 | 40 | | XA511 | 34 | | | 168 | 9 | | TWRQ2R | 01 | TWRQ2S | 01 | 1 | TQ2 | C1 | | | 19A |
| 06311 | | XA511 | 41 | | XA509 | 39 | | | 168 | 9 | | TWDBCA | 01 | TWDBCA | 01 | 1 | TQ2 | D3 | | | 22B |
| 07223 | | XA511 | 42 | | XA520 | 41 | | | 168 | 9 | | TXED3A | 01 | TWRQ2S | 01 | 2 | TQ2 | C1 | | | 20A |
| 01712 | | XA511 | 43 | | XA509 | 34 | | | 168 | 9 | | SPIO20 | 13 | TWDBCA | 01 | 2 | TQ2 | D3 | | | 23B |
| CONNECTOR XA511 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

H78-14 1380

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA511
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 366

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | SPEC INET MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|------|-------------|------|----------------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SIZE | MULTI GROUP | CODE | | | | | | | | | | | | |
| 00923 | | XA511 | 44 | | | | | | | | GND | 01 | | | | | | | 21B | | |
| 06315 | | XA511 | 45 | XA516 | 49 | | | 16B | 9 | | TWDBC0 | 01 | TWDBC0 | 00 | 1 | TQ2 | D3 | | 24B | | |
| 04909 | | XA511 | 46 | XA508 | 38 | | | 16B | 9 | | TNSG3A | 01 | TNSG3A | 00 | 1 | TQ2 | D2 | | 21A | | |
| 06614 | | XA511 | 47 | XA510 | 50 | | | 16B | 9 | | TWRI1R | 01 | TWRI1S | 01 | 1 | TQ2 | D4 | | 25B | | |
| 04900 | | XA511 | 48 | XA512 | 33 | | | 16B | 9 | | TNSG2S | 02 | TNSG3A | 01 | 1 | TQ2 | D2 | | 22A | | |
| 06623 | | XA511 | 49 | XA511 | 07 | | | 16B | 9 | | TWRI2A | 02 | TWR11S | 01 | 2 | TQ2 | D4 | | 24B | | |
| 05767 | | XA511 | 50 | XA512 | 49 | | | 16B | 9 | | TSCK3B | 50 | TNSG3A | 01 | 2 | TQ2 | D2 | | 23A | | |
| 06619 | | XA511 | 51 | XA512 | 70 | | | 16B | 9 | | TWRI1S | 03 | TWR11S | 00 | 1 | TQ2 | D4 | | 27B | | |
| 03403 | | XA511 | 52 | XA543 | 43 | | | 16B | 9 | | TREWC0 | 01 | TREWC0 | 00 | 1 | TQ2 | D1 | | 24A | B02 | |
| 04645 | | XA511 | 53 | XA510 | 64 | | | 16B | 9 | | TLCC3R | 01 | TLCC3S | 01 | 1 | TQ2 | E3 | | 28B | | |
| 01711 | | XA511 | 54 | XA511 | 43 | | | 16B | 9 | | SPIO20 | 12 | TREWC0 | 01 | 1 | TQ2 | D1 | | 25A | B02 | |
| 04652 | | XA511 | 55 | XA518 | 51 | | | 16B | 9 | | TLCC6A | 01 | TLCC3S | 01 | 2 | TQ2 | E3 | | 29B | | |
| 01679 | | XA511 | 56 | XA543 | 50 | | | 16B | 9 | | TREWC0 | 02 | TREWC0 | 01 | 2 | TQ2 | D1 | | 26A | B08 | |
| 04648 | | XA511 | 57 | XA512 | 23 | | | 16B | 9 | | TLCC3S | 02 | TLCC3S | 00 | 1 | TQ2 | E3 | | 30B | | |
| 00924 | | XA511 | 58 | | | | | | | | GND | 01 | | | | | | | 27A | | |
| 04638 | | XA511 | 59 | XA512 | 57 | | | 16B | 9 | | TLCC2S | 01 | TLCC2R | 01 | 1 | TQ2 | E4 | | 31B | | |
| 06649 | | XA511 | 60 | | | | | | | | TWRI5A | 02 | TWR15A | 00 | 1 | TQ2 | E2 | | 28A | | |
| 04628 | | XA511 | 61 | XA518 | 41 | | | 16B | 9 | | TLCC1S | 02 | TLCC2R | 01 | 2 | TQ2 | E4 | | 32B | | |
| 06630 | | XA511 | 62 | XA511 | 68 | | | 16B | 9 | | TWRI2R | 06 | TWR15A | 01 | 1 | TQ2 | E2 | | 29A | | |
| 04636 | | XA511 | 63 | XA512 | 79 | | | 16B | 9 | | TLCC2R | 03 | TLCC2R | 00 | 1 | TQ2 | E4 | | 33B | | |
| 05687 | | XA511 | 64 | XA509 | 79 | | | 16B | 9 | | TSCK1B | 34 | TWR15A | 01 | 2 | TQ2 | E2 | | 30A | | |
| 05341 | | XA511 | 65 | XA503 | 35 | | | 16B | 9 | | TRT0PA | 02 | TWPE00 | 01 | 1 | TQ2 | F3 | | 34B | B05 | |
| 06635 | | XA511 | 66 | XA512 | 68 | | | 16B | 9 | | TWRI2S | 02 | TWR12S | 00 | 1 | TQ2 | E1 | | 31A | | |
| 00925 | | XA511 | 67 | | | | | | | | GND | 01 | | | | | | | 40A | | |
| 06631 | | XA511 | 68 | XA508 | 66 | | | 16B | 9 | | TWRI2R | 07 | TWR12S | 01 | 1 | TQ2 | E1 | | 32A | | |
| 06519 | | XA511 | 69 | XA512 | 73 | | | 16B | 9 | | TWPE00 | 01 | TWPE00 | 00 | 1 | TQ2 | F3 | | 35A | | |
| 06647 | | XA511 | 70 | | | | | | | | TWRI4A | 02 | TWR12S | 01 | 2 | TQ2 | E1 | | 33A | | |
| 06365 | | XA511 | 71 | XA518 | 31 | | | 16B | 9 | | TWDDFA | 02 | TWDDFO | 01 | 1 | TQ2 | F2 | | 36A | | |
| 06380 | | XA511 | 72 | | | | | | | | TWDDFO | 06 | TWDDFO | 00 | 1 | TQ2 | F2 | | 34A | | |
| 01703 | | XA511 | 73 | XA514 | 05 | | | 16B | 9 | | SPIO20 | 04 | TWDDFO | 01 | 2 | TQ2 | F2 | | 34B | C01 | |
| 04866 | | XA511 | 74 | XA508 | 21 | | | 16B | 9 | | TNSGJA | 01 | TWPE00 | 01 | 2 | TQ2 | F3 | | 35B | B05 | |
| 06374 | | XA511 | 75 | | | | | | | | TWDDFA | 05 | TWDDFA | 00 | 1 | TQ2 | F1 | | 37B | | |
| 01704 | | XA511 | 76 | | | | | | | | TSNCO5 | 04 | USTP50 | 01 | 1 | TQ2 | F4 | | 37A | B08 | |
| 06364 | | XA511 | 77 | XA511 | 71 | | | 16B | 9 | | TWDDFA | 01 | TWDDFA | 01 | 1 | TQ2 | F1 | | 38B | | |
| 01678 | | XA511 | 78 | XA412 | 39 | | | 16B | 9 | | TBUSYS | 005 | USTP50 | 01 | 2 | TQ2 | F4 | | 38A | B08 | |
| 01702 | | XA511 | 79 | XA511 | 73 | | | 16B | 9 | | SPIO20 | 03 | TWDDFA | 01 | 2 | TQ2 | F1 | | 39B | | |
| 03404 | | XA511 | 80 | | | | | | | M | USTP50 | 01 | USTP50 | 00 | 1 | TQ2 | F4 | | 39A | B08 | |
| 04795 | | XA512 | 01 | XA513 | 39 | | | 16B | 9 | | TMO0SA | 01 | TMO0SA | 00 | 1 | TQ2 | A2 | | 02B | | |
| 00926 | | XA512 | 02 | | | | | | | | GND | 01 | | | | | | | 01A | | |
| 04804 | | XA512 | 03 | | | | | | | | TMO1S0 | 02 | TMO1SA | 01 | 1 | TQ2 | A3 | | 02A | | |
| 04798 | | XA512 | 04 | | | | | | | | TMO0S0 | 02 | TMO0SA | 01 | 1 | TQ2 | A2 | | 04A | | |
| 01719 | | XA512 | 05 | XA512 | 07 | | | 16B | 9 | | SPIO20 | 20 | TMO0SA | 01 | 2 | TQ2 | A2 | | 03B | | |
| 06408 | | XA512 | 06 | XA507 | 01 | | | 16B | 9 | | TWENOS | 01 | TWENOS | 00 | 1 | TQ2 | A1 | | 05A | WRITE ENABLE F/F | |
| 01720 | | XA512 | 07 | XA511 | 20 | | | 16B | 9 | | SPIO20 | 21 | TMO1SA | 01 | 2 | TQ2 | A3 | | 03A | | |
| 06406 | | XA512 | 08 | XA520 | 70 | | | 16B | 9 | | TWENOR | 02 | TWENOS | 01 | 1 | TQ2 | A1 | | 06A | | |
| 04801 | | XA512 | 09 | XA513 | 29 | | | 16B | 9 | | TMO1SA | 01 | TMO1SA | 00 | 1 | TQ2 | A3 | | 04B | | |
| 06402 | | XA512 | 10 | XA515 | 23 | | | 16B | 9 | | TWENOA | 01 | TWENOS | 01 | 2 | TQ2 | A1 | | 07A | | |
| 04809 | | XA512 | 11 | | | | | | | | TMO2BP | 05 | TMO1CPA | 01 | 1 | TQ2 | A4 | | 05B | | |
| CONNECTOR (XA512) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

H78-14 1381

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA512
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 367

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS (AND) OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|----------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DR FEG | PREFIX | CONNECTOR | PIN | DR FEG | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 00177 | | XA512 | 12 | | | | | | | | | | +5V | 01 | | | TQ2 | | | | | | |
| 04838 | | XA512 | 13 | | | | | | | | | | TMO4BQ | 07 | TM1CPA | 01 2 | TQ2 | A4 | | | 06B | | |
| 06679 | | XA512 | 14 | | | | | | | | | | TWRQ2A | 02 | TWRQ2A | 00 1 | TQ2 | B2 | | | 09A | | |
| 04840 | | XA512 | 15 | | | | | | | | | | TM1CPA | 02 | TM1CPA | 00 1 | TQ2 | A4 | | | 07B | | |
| 00927 | | XA512 | 16 | | | | | | | | | | GND | 01 | | | TQ2 | | | | 01B | | |
| 06662 | | XA512 | 17 | | XA510 | 04 | | | | 16B | 9 | | TWRQ0R | 01 | TWRQ3A | 01 1 | TQ2 | B3 | | | 08B | | |
| 06667 | | XA512 | 18 | | | | | | | | | | TWR00S | 03 | TWRQ2A | 01 1 | TQ2 | B2 | | | 10A | | |
| 05681 | | XA512 | 19 | | XA512 | 37 | | | | 16B | 9 | | TSCL1B | 28 | TWRQ3A | 01 2 | TQ2 | B3 | | | 09R | | |
| 05680 | | XA512 | 20 | | XA512 | 19 | | | | 16B | 9 | | TSCL1B | 27 | TWRQ2A | 01 2 | TQ2 | B2 | | | 11A | | |
| 06689 | | XA512 | 21 | | | | | | | | | | TWRQ3A | 02 | TWRQ3A | 00 1 | TQ2 | B3 | | | 10R | | |
| 06610 | | XA512 | 22 | | XA507 | 14 | | | | 16B | 9 | | TWR10S | 04 | TWR10S | 00 1 | TQ2 | B1 | | | 12A | WRITE COUNTER BIT | |
| 04649 | | XA512 | 23 | | | | | | | | | | TLCC3S | 03 | TLCC1A | 01 1 | TQ2 | B4 | | | 11B | | |
| 06605 | | XA512 | 24 | | XA515 | 73 | | | | 16B | 9 | | TWR10R | 02 | TWR10S | 01 1 | TQ2 | B1 | | | 13A | | |
| 05769 | | XA512 | 25 | | XA511 | 19 | | | | 16B | 9 | | TSCK3B | 52 | TLCC1A | 01 2 | TQ2 | B4 | | | 12R | B05 | |
| 06563 | | XA512 | 26 | | XA410 | 73 | | | | 16B | 9 | | TWRG6A | 02 | TWR10S | 01 2 | TQ2 | B1 | | | 14A | | |
| 04623 | | XA512 | 27 | | | | | | | | | | TLCC1A | 03 | TLCC1A | 00 1 | TQ2 | B4 | | | 13B | | |
| 00178 | | XA512 | 28 | | | | | | | | | | +5V | 01 | | | TQ2 | | | | | | |
| 04898 | | XA512 | 29 | | | | | | | | | | TNSG2R | 03 | TNSG2S | 01 1 | TQ2 | C3 | | | 14B | | |
| 05150 | | XA512 | 30 | | | | | | | | | | TREQ1S | 04 | TREQ1S | 00 1 | TQ2 | C2 | | | 15A | | |
| 04917 | | XA512 | 31 | | | | | | | | | | TNSG4A | 02 | TNSG2S | 01 2 | TQ2 | C3 | | | 15B | | |
| 00928 | | XA512 | 32 | | | | | | | | | | GND | 01 | | | TQ2 | | | | 20B | | |
| 04901 | | XA512 | 33 | | XA511 | 29 | | | | 16B | 9 | | TNSG2S | 03 | TNSG2S | 00 1 | TQ2 | C3 | | | 16B | GAP DETECT COUNTER | |
| 05146 | | XA512 | 34 | | | | | | | | | | TREQ1R | 03 | TREQ1S | 01 1 | TQ2 | C2 | | | 16A | | |
| 04914 | | XA512 | 35 | | XA506 | 80 | | | | 16B | 9 | | TNSG3S | 02 | TNSG5A | 01 1 | TQ2 | C4 | | | 17B | | |
| 05152 | | XA512 | 36 | | XA505 | 27 | | | | 16B | 9 | | TREQ2A | 02 | TREQ1S | 01 2 | TQ2 | C2 | | | 17A | | |
| 05682 | | XA512 | 37 | | XA511 | 36 | | | | 16B | 9 | | TSCL1B | 29 | TNSG5A | 01 2 | TQ2 | C4 | | | 18B | | |
| 06698 | | XA512 | 38 | | | | | | | | | | TWRQ3S | 03 | TWRQ3S | 00 1 | TQ2 | C1 | | | 18A | | |
| 04920 | | XA512 | 39 | | XA509 | 24 | | | | 16B | 9 | | TNSG5A | 03 | TNSG5A | 00 1 | TQ2 | C4 | | | 19B | | |
| 06694 | | XA512 | 40 | | XA510 | 39 | | | | 16B | 9 | | TWRQ3R | 01 | TWRQ3S | 01 1 | TQ2 | C1 | | | 19A | | |
| 04845 | | XA512 | 41 | | | | | | | | | | TNDA1A | 02 | TNDA10 | 01 1 | TQ2 | D3 | | | 22B | | |
| 06699 | | XA512 | 42 | | XA510 | 15 | | | | 16B | 9 | | TWRQ4A | 01 | TWRQ3S | 01 2 | TQ2 | C1 | | | 20A | | |
| 04849 | | XA512 | 43 | | | | | | | | | | TNDA2A | 02 | TNDA10 | 01 2 | TQ2 | D3 | | | 23B | | |
| 00929 | | XA512 | 44 | | | | | | | | | | GND | 01 | | | TQ2 | | | | 21B | | |
| 04847 | | XA512 | 45 | | | | | | | | | | TNDA10 | 02 | TNDA10 | 00 1 | TQ2 | D3 | | | 24B | | |
| 04893 | | XA512 | 46 | | | | | | | | | | TNSG1S | 04 | TNSG1S | 00 1 | TQ2 | D2 | | | 21A | GAP DETECT COUNTER | |
| 06643 | | XA512 | 47 | | XA510 | 45 | | | | 16B | 9 | | TWR13S | 01 | TWR13A | 01 1 | TQ2 | D4 | | | 25B | | |
| 04888 | | XA512 | 48 | | XA521 | 77 | | | | 16B | 9 | | TNSG1R | 03 | TNSG1S | 01 1 | TQ2 | D2 | | | 22A | | |
| 05768 | | XA512 | 49 | | XA512 | 25 | | | | 16B | 9 | | TSCK3B | 51 | TWR13A | 01 2 | TQ2 | D4 | | | 26B | B05 | |
| 04894 | | XA512 | 50 | | XA508 | 23 | | | | 16B | 9 | | TNSG2A | 01 | TNSG1S | 01 2 | TQ2 | D2 | | | 23A | | |
| 06638 | | XA512 | 51 | | XA510 | 54 | | | | 16B | 9 | | TWR13A | 01 | TWR13A | 00 1 | TQ2 | D4 | | | 27B | | |
| 04883 | | XA512 | 52 | | | | | | | | | | TNSG0S | 03 | TNSG0S | 00 1 | TQ2 | D1 | | | 24A | GAP DETECT COUNTER | |
| 04634 | | XA512 | 53 | | XA512 | 59 | | | | 16B | 9 | | TLCC2R | 01 | TLCC2S | 01 1 | TQ2 | E3 | | | 28B | | |
| 04879 | | XA512 | 54 | | XA508 | 47 | | | | 16B | 9 | | TNSGOR | 02 | TNSG0S | 01 1 | TQ2 | D1 | | | 25A | | |
| 04651 | | XA512 | 55 | | | | | | | | | | TLCC4A | 02 | TLCC2S | 01 2 | TQ2 | E3 | | | 29B | | |
| 04877 | | XA512 | 56 | | | | | | | | | | TNSG0A | 03 | TNSG0S | 01 2 | TQ2 | D1 | | | 26A | | |
| 04639 | | XA512 | 57 | | XA518 | 45 | | | | 16B | 9 | | TLCC2S | 02 | TLCC2S | 00 1 | TQ2 | E3 | | | 30B | WRITE LRC CHAR COL | |
| 00930 | | XA512 | 58 | | | | | | | | | | GND | 01 | | | TQ2 | | | | 27A | | |
| 04635 | | XA512 | 59 | | XA511 | 63 | | | | 16B | 9 | | TLCC2R | 02 | TLCC3A | 01 1 | TQ2 | F4 | | | 31B | | |
| 06603 | | XA512 | 60 | | | | | | | | | | UWR10A | 02 | UWR10A | 00 1 | TQ2 | E2 | | | 28A | B05 | |
| 05686 | | XA512 | 61 | | XA511 | 64 | | | | 16B | 9 | | TSCK1B | 33 | TLCC3A | 01 2 | TQ2 | F4 | | | 32B | | |
| CONNECTOR (XA512) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1382

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA512
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 368

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SPEC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OF CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO | | | |
|---|--------|-----------|-----|-------|--------|-----------|------|-------|-------------|------|----------------|--------|--------|----------|--------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|-------|-------|-----|
| | PREFIX | CONNECTOR | PIN | SH #2 | PREFIX | CONNECTOR | PIN | SH #2 | MULTI GROUP | CODE | | | | | | | | | | | | | COLOR | IDENT | |
| 06590 | | XA512 | 62 | | | XA507 | 30 | | | | | | TWRITQ | 05 | UWRIOA | 01 | 1 | TQ2 | E2 | | | | | | |
| 04644 | | XA512 | 63 | | | | | | | | | | TLCC3A | 02 | TLCC3A | 00 | 1 | TQ2 | E4 | | | B05 | | | |
| 06547 | | XA512 | 64 | | | | | | | | | | TWRG1S | 06 | UWRIOA | 01 | 2 | TQ2 | E2 | | | | | | |
| 06804 | | XA512 | 65 | | | XA518 | 55 | | | | | | UH4BCA | 02 | UWDDGO | 01 | 1 | TQ2 | F3 | | | B05 | | | |
| 06629 | | XA512 | 66 | | | XA511 | 62 | | | | | | TWRI2R | 05 | TWRI2R | 00 | 1 | TQ2 | E1 | | | B05 | | | |
| 00931 | | XA512 | 67 | | | | | | | | | | GND | 01 | | | | TQ2 | | | | | | | |
| 06636 | | XA512 | 68 | | | XA516 | 47 | | | | | | TWRI2S | 03 | TWRI2R | 01 | 1 | TQ2 | E1 | | | | | | |
| 06385 | | XA512 | 69 | | | | | | | | | | UWDDGO | 05 | UWDDGO | 00 | 1 | TQ2 | F3 | | | | B05 | | |
| 06620 | | XA512 | 70 | | | XA505 | 68 | | | | | | TWRI1S | 04 | TWRI2R | 01 | 2 | TQ2 | E1 | | | | B05 | | |
| 06589 | | XA512 | 71 | | | XA512 | 62 | | | | | | TWRI1Q | 04 | TWPEOA | 01 | 1 | TQ2 | F2 | | | | B05 | | |
| 06517 | | XA512 | 72 | | | | | | | | M | | TWPEOA | 01 | TWPEOA | 00 | 1 | TQ2 | F2 | | | | B05 | | |
| 06520 | | XA512 | 73 | | | | | | | | | | TWPEO0 | 02 | TWPEOA | 01 | 2 | TQ2 | F2 | | | | B05 | | |
| 06807 | | XA512 | 74 | | | XA512 | 78 | | | | | | UW58CA | 02 | UWDDGO | 01 | 2 | TQ2 | F3 | | | | B05 | | |
| 04713 | | XA512 | 75 | | | XA410 | 08 | | | | | | TLRCRA | 01 | TLRCRA | 00 | 1 | TQ2 | F1 | | | | B05 | | |
| 06803 | | XA512 | 76 | | | XA512 | 65 | | | | | | UW4BCA | 01 | UWDDHO | 01 | 1 | TQ2 | F4 | | | | B05 | | |
| 04627 | | XA512 | 77 | | | XA511 | 61 | | | | | | TLCC1S | 01 | TLRCRA | 01 | 1 | TQ2 | F1 | | | | B05 | | |
| 06808 | | XA512 | 78 | | | | | | | | | | UW58CA | 03 | UWDDHO | 01 | 2 | TQ2 | F4 | | | | B05 | | |
| 04637 | | XA512 | 79 | | | | | | | | | | TLCC2R | 04 | TLRCRA | 01 | 2 | TQ2 | F1 | | | | B05 | | |
| 06391 | | XA512 | 80 | | | | | | | | | | UWDDHO | 06 | UWDDHO | 00 | 1 | TQ2 | F4 | | | | B05 | | |
| 05703 | | XA513 | 01 | | | XA514 | 76 | | | | | | TWRQ2P | 01 | TWRQ3N | 01 | 1 | TDD | BN | | | 02B | | C01 | |
| 00932 | | XA513 | 02 | | | | | | | | | | GND | 01 | | | | TDD | | | | | | | |
| 01685 | | XA513 | 03 | | | XA513 | 14 | | | | | | SPIO19 | 19 | TWRQ3Q | 01 | 1 | TDD | BQ | | | 01B | | C01 | |
| 06657 | | XA513 | 04 | | | | | | | | | | TWRQCP | 06 | TWRQ3P | 01 | 1 | TDD | BP | | | 04A | | | |
| 06680 | | XA513 | 05 | | | | | | | | | | TWRQ4P | 03 | TWRQ3I | 01 | 1 | TDD | BT | | | 03B | | B05 | |
| 06656 | | XA513 | 06 | | | XA513 | 04 | | | | | | TWRQCP | 05 | TWRQ1P | 01 | 1 | TDD | AP | | | 05A | | | |
| 06693 | | XA513 | 07 | | | | | | | | | | TWRQ3Q | 02 | TWRQ3Q | 00 | 1 | TDD | BQ | | | 03A | | | |
| 06660 | | XA513 | 08 | | | XA514 | 13 | | | | | | TWRQ0Q | 01 | TWRQ1I | 01 | 1 | TDD | AT | | | 06A | | | |
| 06691 | | XA513 | 09 | | | | | | | | | | TWRQ3P | 02 | TWRQ3P | 00 | 1 | TDD | BP | | | 04B | | | |
| 05699 | | XA513 | 10 | | | XA514 | 10 | | | | | | TSCK1B | 46 | TWRQ1N | 01 | 1 | TDD | AN | | | 07A | | | |
| 08348 | | XA513 | 11 | | | XA514 | 08 | | | | | | TWRQ1P | 02 | TWRQ1P | 00 | 1 | TDD | AP | | | 05B | | | B05 |
| 00179 | | XA513 | 12 | | | | | | | | | | +5V | 01 | | | | TDD | | | | | | | |
| 06672 | | XA513 | 13 | | | | | | | | | | TWRQ1Q | 02 | TWRQ1Q | 00 | 1 | TDD | AQ | | | 06B | | | B05 |
| 05698 | | XA513 | 14 | | | XA514 | 17 | | | | | | SPIO19 | 20 | | | | TDD | DN | | | 09A | | | C01 |
| 01722 | | XA513 | 15 | | | XA514 | 15 | | | | | | SPIO20 | 23 | TWRQ1Q | 01 | 1 | TDD | AQ | | | 07B | | | |
| 00933 | | XA513 | 16 | | | | | | | | | | GND | 01 | | | | TDD | | | | | | | |
| 01686 | | XA513 | 17 | | | | | | | | | | SPIO08 | 34 | | | | TDD | DQ | | | 08B | | | C01 |
| 05142 | | XA513 | 18 | | | XA513 | 63 | | | | | | SPIO20 | 07 | | | | TDD | DI | | | 10A | | | C01 |
| 05155 | | XA513 | 19 | | | | | | | | | | SPO | 02 | | | | TDD | DQ | | | 09B | | | C01 |
| 05124 | | XA513 | 20 | | | XA507 | 78 | | | | | | SPIO03 | 24 | | | | TDD | DP | | | 11A | | | C01 |
| 08291 | | XA513 | 21 | | | | | | | | | | SPO | 01 | | | | TDD | DP | | | 10B | | | C01 |
| 05123 | | XA513 | 22 | | | XA513 | 75 | | | | | | TREQCP | 05 | TREQQP | 01 | 1 | TDD | CP | | | 12A | | | C01 |
| 08289 | | XA513 | 23 | | | | | | | | | | TREQQP | 01 | TREQQP | 00 | 1 | TDD | CP | | | 11B | | | |
| 05166 | | XA513 | 24 | | | XA514 | 23 | | | | | | TREQ1P | 02 | TREQQI | 01 | 1 | TDD | CI | | | 13A | | | B05 |
| 05134 | | XA513 | 25 | | | | | | | | | | TREQ0Q | 02 | TREQ0Q | 00 | 1 | TDD | CQ | | | 12B | | | |
| 05679 | | XA513 | 26 | | | XA512 | 20 | | | | | | TSCL1B | 26 | TREQ0N | 01 | 1 | TDD | CN | | | 14A | | | |
| 01725 | | XA513 | 27 | | | XA514 | 39 | | | | | | SPIO20 | 26 | TREQ0Q | 01 | 1 | TDD | CQ | | | 13B | | | |
| 00180 | | XA513 | 28 | | | | | | | | | | +5V | 01 | | | | TDD | | | | | | | |
| 04802 | | XA513 | 29 | | | | | | | | | | TMO1SA | 02 | TMO1BQ | 01 | 1 | TDD | FQ | | | 14B | | | |
| CONNECTOR (XA513) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA513
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 369

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------------|------|-------|-------|--------|--------|----------|--------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 04839 | | XA513 | 30 | | XA512 | 15 | | | | | | TM1CPA | 01 | TM01BN | 01 | 1 | TDD | FN | | 15A | |
| 08268 | | XA513 | 31 | | | | | | | | M | TM01BQ | 01 | TM01BQ | 00 | 1 | TDD | FQ | | 15B | |
| 00934 | | XA513 | 32 | | | | | | | | | GND | 01 | | | | TDD | | | 21B | |
| 04799 | | XA513 | 33 | | XA511 | 26 | | | | | | TM01BP | 01 | TM01BP | 00 | 1 | TDD | FP | | 16B | |
| 07239 | | XA513 | 34 | | XA424 | 29 | | | | | | TXGN1A | 01 | TM01BI | 01 | 1 | TDD | FI | | 16A | |
| 04791 | | XA513 | 35 | | XA511 | 24 | | | | | | TM00BP | 01 | TM00BP | 00 | 1 | TDD | EP | | 17B | |
| 07430 | | XA513 | 36 | | XA513 | 38 | | | | | | TXRS1B | 27 | TM01BP | 01 | 1 | TDD | FP | | 17A | |
| 04794 | | XA513 | 37 | | | | | | | | | TM00BQ | 02 | TM00BQ | 00 | 1 | TDD | FQ | | 18B | |
| 07431 | | XA513 | 38 | | XA513 | 51 | | | | | | TXRS1B | 28 | TM00BP | 01 | 1 | TDD | EP | | 18A | |
| 04796 | | XA513 | 39 | | | | | | | | | TM00SA | 02 | TM00BQ | 01 | 1 | TDD | FQ | | 19B | |
| 07238 | | XA513 | 40 | | XA513 | 34 | | | | | | TXGN1A | 01 | TM00BI | 01 | 1 | TDD | EI | | 19A | |
| 01681 | | XA513 | 41 | | XA514 | 41 | | | | | | SPI019 | 15 | TKB00Q | 01 | 1 | TDD | HQ | | 22B | |
| 04790 | | XA513 | 42 | | | | | | | | | TM0CPA | 02 | TM00BN | 01 | 1 | TDD | EN | | 20A | |
| 04536 | | XA513 | 43 | | XA514 | 48 | | | | | | TKB00Q | 03 | TKB00Q | 00 | 1 | TDD | HQ | | 23B | |
| 00935 | | XA513 | 44 | | | | | | | | | GND | 01 | | | | TDD | | | 27A | |
| 04532 | | XA513 | 45 | | XA437 | 72 | | | | | | TKB00P | 04 | TKB00P | 00 | 1 | TDD | HP | | 24B | |
| 04515 | | XA513 | 46 | | XA514 | 46 | | | | | | TKBCP0 | 01 | TKB00N | 01 | 1 | TDD | HN | | 21A | |
| 04482 | | XA513 | 47 | | XA514 | 52 | | | | | | TKA00P | 01 | TKA00P | 00 | 1 | TDD | GP | | 25B | |
| 04540 | | XA513 | 48 | | XA514 | 45 | | | | | | TKB01P | 03 | TKB00I | 01 | 1 | TDD | HI | | 22A | |
| 08254 | | XA513 | 49 | | | | | | | | M | TKA00Q | 01 | TKA00Q | 00 | 1 | TDD | GO | | 24B | |
| 04521 | | XA513 | 50 | | XA514 | 50 | | | | | | TKBRSA | 01 | TKB00P | 01 | 1 | TDD | HP | | 23A | |
| 07432 | | XA513 | 51 | | XA515 | 56 | | | | | | TXRS1B | 29 | TKA00Q | 01 | 1 | TDD | GO | | 27B | |
| 04567 | | XA513 | 52 | | | | | | | | | TKR0A | 02 | TKA00P | 01 | 1 | TDD | GP | | 24A | |
| 01680 | | XA513 | 53 | | XA513 | 41 | | | | | | SPI019 | 14 | TKC02Q | 01 | 1 | TDD | KQ | | 28B | |
| 01710 | | XA513 | 54 | | XA511 | 54 | | | | | | SPI020 | 11 | TKA00I | 01 | 1 | TDD | GI | | 25A | |
| 04561 | | XA513 | 55 | | | | | | | | | TKC02Q | 02 | TKC02Q | 00 | 1 | TDD | KQ | | 29B | |
| 04503 | | XA513 | 56 | | XA510 | 77 | | | | | | TKA02P | 04 | TKA00N | 01 | 1 | TDD | GN | | 26A | |
| 04558 | | XA513 | 57 | | XA503 | 04 | | | | | | TKC02P | 02 | TKC02P | 00 | 1 | TDD | KP | | 30B | |
| 00936 | | XA513 | 58 | | | | | | | | | GND | 01 | | | | TDD | | | 40A | |
| 04554 | | XA513 | 59 | | | | | | | | | TKC01P | 03 | TKC01P | 00 | 1 | TDD | JP | | 31B | |
| 04519 | | XA513 | 60 | | XA505 | 57 | | | | | | TKBCP0 | 05 | TKC02N | 01 | 1 | TDD | KN | | 28A | |
| 04556 | | XA513 | 61 | | | | | | | | | TKC01Q | 02 | TKC01Q | 00 | 1 | TDD | JQ | | 32B | |
| 04564 | | XA513 | 62 | | XA406 | 45 | | | | | | TKC290 | 01 | TKC02I | 01 | 1 | TDD | KI | | 29A | |
| 01707 | | XA513 | 63 | | XA514 | 63 | | | | | | SPI020 | 08 | TKC01Q | 01 | 1 | TDD | JQ | | 33B | |
| 04525 | | XA513 | 64 | | XA505 | 60 | | | | | | TKBRSA | 05 | TKC02P | 01 | 1 | TDD | KP | | 30A | |
| 01587 | | XA513 | 65 | | XA514 | 65 | | | | | | SPI015 | 01 | | 01 | 1 | TDD | MQ | | 34B | |
| 04524 | | XA513 | 66 | | XA513 | 64 | | | | | | TKBRSA | 04 | TKC01P | 01 | 1 | TDD | JP | | 31A | |
| 00937 | | XA513 | 67 | | | | | | | | | GND | 01 | | | | TDD | | | 40B | |
| 04550 | | XA513 | 68 | | XA514 | 61 | | | | | | TKC00Q | 01 | TKC01I | 01 | 1 | TDD | JI | | 32A | |
| 03405 | | XA513 | 69 | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | MP | | 35A | |
| 04518 | | XA513 | 70 | | XA513 | 60 | | | | | | TKBCP0 | 04 | TKC01N | 01 | 1 | TDD | JN | | 33A | |
| 01467 | | XA513 | 71 | | XA502 | 05 | | | | | | SPI009 | 07 | | 01 | 1 | TDD | MT | | 36A | B05 |
| 01582 | | XA513 | 72 | | | | | | | | | SPI013 | 13 | | 01 | 1 | TDD | MN | | 34A | |
| 01586 | | XA513 | 73 | | XA525 | 74 | | | | | | SPI014 | 04 | | 01 | 1 | TDD | MP | | 36B | B05 |
| 03406 | | XA513 | 74 | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | MO | | 35B | |
| 01289 | | XA513 | 75 | | | | | | | | | TREQCP | 06 | TREQ2P | 01 | 1 | TDD | LP | | 37B | C01 |
| 03407 | | XA513 | 76 | | XA514 | 14 | | | | | | TREQ2P | 01 | TREQ2P | 00 | 1 | TDD | LP | | 37A | C01 |
| 01706 | | XA513 | 77 | | XA524 | 74 | | | | | | TREQ5A | 01 | TREQ2I | 01 | 1 | TDD | IT | | 38B | C01 |
| 03408 | | XA513 | 78 | | | | | | | | | TREQ2Q | 02 | TREQ2Q | 00 | 1 | TDD | LQ | | 38A | C01 |
| 01677 | | XA513 | 79 | | XA513 | 24 | | | | | | TREQ1P | 01 | TREQ2N | 01 | 1 | TDD | LN | | 39B | C01 |
| CONNECTOR XA513 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA513
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CICF5 DATE 09-03-82 PAGE 370

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------------|------|-------|-------|--------|--------|----------|--------|--------|------------------|-------|---------------------|-------------|-----|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | AND | OR | | |
| 04537 | | XA514 | 48 | | | | | | | | | TKB00Q | 04 | TKB01I | 01 | 1 | TDD | HI | | 22A | | |
| 04495 | | XA514 | 49 | | XA526 | 68 | | 16B | 9 | | | TKA01Q | 07 | TKA01Q | 00 | 1 | TDD | GO | | 26B | BYTE TIMING COUNT | |
| 04522 | | XA514 | 50 | | XA514 | 66 | | 16B | 9 | | | TKBRSA | 02 | TKB01P | 01 | 1 | TDD | HP | | 23A | | |
| 01709 | | XA514 | 51 | | XA513 | 54 | | 16B | 9 | | | SPI020 | 10 | TKA01Q | 01 | 1 | TDD | GO | | 27B | | |
| 04483 | | XA514 | 52 | | XA526 | 66 | | 16B | 9 | | | TKA00P | 02 | TKA01P | 01 | 1 | TDD | GP | | 24A | | |
| 01465 | | XA514 | 53 | | XA508 | 33 | | 16B | 9 | | | TFST6A | 00 | THSPRQ | 01 | 1 | TDD | KQ | | 28B | | C03 |
| 04502 | | XA514 | 54 | | XA513 | 56 | | 16B | 9 | | | TKA02P | 03 | TKA01I | 01 | 1 | TDD | GT | | 25A | | |
| 03409 | | XA514 | 55 | | XA524 | 60 | | 16B | 9 | | | THSPRQ | 01 | THSPRQ | 00 | 1 | TDD | KQ | | 29B | | C03 |
| 05673 | | XA514 | 56 | | XA514 | 42 | | 16B | 9 | | | TSCL1B | 20 | TKA01N | 01 | 1 | TDD | GN | | 26A | | |
| 03410 | | XA514 | 57 | | | | | | | | M | THSPRP | 01 | THSPRP | 00 | 1 | TDD | KP | | 30B | | C03 |
| 00942 | | XA514 | 58 | | | | | | | | | GND | 01 | | | | TDD | | | 40A | | |
| 04549 | | XA514 | 59 | | | | | | | | | TKC00P | 03 | TKC00P | 00 | 1 | TDD | JP | | 31B | | |
| 01287 | | XA514 | 60 | | | | | | | | | THSPRA | 03 | THSPRN | 01 | 1 | TDD | KN | | 28A | | C03 |
| 04551 | | XA514 | 61 | | | | | | | | | TKC00Q | 02 | TKC00Q | 00 | 1 | TDD | JQ | | 32B | FIRST BYTE COUNTER | |
| 01675 | | XA514 | 62 | | XA506 | 33 | | 16B | 9 | | | TXGN2A | 00 | THSPRI | 01 | 1 | TDD | KI | | 29A | | C03 |
| 01708 | | XA514 | 63 | | XA514 | 51 | | 16B | 9 | | | SPI020 | 09 | TKC00Q | 01 | 1 | TDD | JQ | | 33B | | |
| 01457 | | XA514 | 64 | | XA511 | 78 | | 16B | 9 | | | TBUSYS | 00 | THSPRP | 01 | 1 | TDD | KP | | 30A | | C03 |
| 01588 | | XA514 | 65 | | XA546 | 70 | | 16B | 9 | | | SPI015 | 02 | | 01 | 1 | TDD | MQ | | 34B | | |
| 04523 | | XA514 | 66 | | XA513 | 66 | | 16B | 9 | | | TKBRSA | 03 | TKC00P | 01 | 1 | TDD | JP | | 31A | | |
| 00943 | | XA514 | 67 | | | | | | | | | GND | 01 | | | | TDD | | | 40B | | |
| 04557 | | XA514 | 68 | | XA513 | 57 | | 16B | 9 | | | TKC02P | 01 | TKC00I | 01 | 1 | TDD | JI | | 32A | | |
| 03411 | | XA514 | 69 | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | MP | | 35A | | |
| 04517 | | XA514 | 70 | | XA513 | 70 | | 16B | 9 | | | TKBCP0 | 03 | TKC00N | 01 | 1 | TDD | JN | | 33A | | |
| 01466 | | XA514 | 71 | | XA513 | 71 | | 16B | 9 | | | SPI009 | 06 | | 01 | 1 | TDD | MI | | 36A | | |
| 01581 | | XA514 | 72 | | XA513 | 72 | | 16B | 9 | | | SPI013 | 12 | | 01 | 1 | TDD | MN | | 34A | | |
| 01585 | | XA514 | 73 | | XA513 | 73 | | 16B | 9 | | | SPI014 | 03 | | 01 | 1 | TDD | MP | | 36B | | |
| 03412 | | XA514 | 74 | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | MQ | | 35B | | |
| 01288 | | XA514 | 75 | | XA514 | 06 | | 16B | 9 | | | TWRQCP | 03 | TWRQ2P | 01 | 1 | TDD | LP | | 37B | | C01 |
| 03413 | | XA514 | 76 | | XA436 | 30 | | 16B | 9 | | | TWRQ2P | 02 | TWRQ2P | 00 | 1 | TDD | LP | | 37A | | C01 |
| 01705 | | XA514 | 77 | | XA505 | 75 | | 16B | 9 | | | TWRQ9A | 01 | TWRQ2I | 01 | 1 | TDD | LI | | 38B | | C01 |
| 03414 | | XA514 | 78 | | | | | | | | | TWRQ2Q | 02 | TWRQ2Q | 00 | 1 | TDD | LQ | | 38A | | C01 |
| 01676 | | XA514 | 79 | | | | | | | | | TWRQ1P | 04 | TWRQ2M | 01 | 1 | TDD | LN | | 39B | | C01 |
| 01458 | | XA514 | 80 | | XA513 | 80 | | 16B | 9 | | | SPI019 | 10 | TWRQ2Q | 01 | 1 | TDD | LQ | | 39A | | C01 |
| 05056 | | XA515 | 01 | | XA412 | 68 | | 16B | 9 | | | TREADP | 02 | TLRCCO | 01 | 1 | TD4 | A2 | | 02B | | |
| 00944 | | XA515 | 02 | | | | | | | | | GND | 01 | | | | TD4 | | | 01A | | |
| 00464 | | XA515 | 03 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 05855 | | XA515 | 04 | | XA508 | 06 | | 16B | 9 | | | TSPACP | 03 | TLRCCO | 01 | 2 | TD4 | A2 | | 04A | | |
| 06393 | | XA515 | 05 | | XA506 | 38 | | 16B | 9 | | | TWENCA | 02 | TLRCCO | 01 | 3 | TD4 | A2 | | 03B | | |
| 06593 | | XA515 | 06 | | XA425 | 43 | | 16B | 9 | | | TWRITQ | 08 | TLCCOA | 01 | 1 | TD4 | A1 | | 05A | | |
| 05863 | | XA515 | 07 | | XA527 | 40 | | 16B | 9 | | | TSPAFP | 03 | TLRCCO | 01 | 4 | TD4 | A2 | | 03A | | |
| 07210 | | XA515 | 08 | | XA435 | 49 | | 16B | 9 | | | TXEB1Q | 03 | TLCCOA | 01 | 2 | TD4 | A1 | | 06A | | |
| 04706 | | XA515 | 09 | | XA518 | 52 | | 16B | 9 | | | TLRCCO | 01 | TLRCCO | 00 | 1 | TD4 | A2 | | 04B | | |
| 04223 | | XA515 | 10 | | XA410 | 78 | | 16B | 9 | | | TEBZRO | 03 | TLCCOA | 01 | 3 | TD4 | A1 | | 07A | | |
| 04612 | | XA515 | 11 | | | | | | | | | TLCCOA | 02 | TLCCOA | 00 | 1 | TD4 | A1 | | 05B | | |
| 00193 | | XA515 | 12 | | | | | | | | | +5V | 01 | | | | TD4 | | | | | |
| 05773 | | XA515 | 13 | | XA515 | 20 | | 16B | 9 | | | TSCK3B | 56 | TLCCOA | 01 | 4 | TD4 | A1 | | 06B | | |
| 06397 | | XA515 | 14 | | XA519 | 17 | | 16B | 9 | | | TWENCO | 03 | TFPE1A | 01 | 1 | TD4 | B2 | | 09A | | |
| 00465 | | XA515 | 15 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| CONNECTOR (XA515) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA514
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 371

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|-------------------|--------|---------------------------------|-----|------|--------|-----------|-----|------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|---------------------|--------|
| | PREFIX | CONNECTOR | PIN | SHFG | PREFIX | CONNECTOR | PIN | SHFG | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 04537 | | XA514 | 48 | | | | | | | | | | TKB00Q | 04 | TKB01I | 01 | 1 | TDD | HI | | 22A | | |
| 04495 | | XA514 | 49 | | XA526 | 68 | | | 16B | 9 | | | TKA01Q | 07 | TKA01Q | 00 | 1 | TDD | GO | | 24B | BYTE TIMING COUNTER | |
| 04522 | | XA514 | 50 | | XA514 | 66 | | | 16B | 9 | | | TKBRSA | 02 | TKB01P | 01 | 1 | TDD | HP | | 23A | | |
| 01709 | | XA514 | 51 | | XA513 | 54 | | | 16B | 9 | | | SPI020 | 10 | TKA01Q | 01 | 1 | TDD | GO | | 27B | | |
| 04483 | | XA514 | 52 | | XA526 | 66 | | | 16B | 9 | | | TKA00P | 02 | TKA01P | 01 | 1 | TDD | GP | | 24A | | |
| 01465 | | XA514 | 53 | | XA508 | 33 | | | 16B | 9 | | | TFST6A | 00 | THSPRQ | 01 | 1 | TDD | KQ | | 28B | C03 | |
| 04502 | | XA514 | 54 | | XA513 | 56 | | | 16B | 9 | | | TKA02P | 03 | TKA01I | 01 | 1 | TDD | GI | | 25A | | |
| 03409 | | XA514 | 55 | | XA524 | 60 | | | 16B | 9 | | | THSPRQ | 01 | THSPRQ | 00 | 1 | TDD | KQ | | 29B | C03 | |
| 05673 | | XA514 | 56 | | XA514 | 42 | | | 16B | 9 | | | TSCL1B | 20 | TKA01N | 01 | 1 | TDD | GN | | 26A | | |
| 03410 | | XA514 | 57 | | | | | | | | M | | THSPRP | 01 | THSPRP | 00 | 1 | TDD | KP | | 30B | C03 | |
| 00942 | | XA514 | 58 | | | | | | | | | | GND | 01 | | | | TDD | | | 40A | | |
| 04549 | | XA514 | 59 | | | | | | | | | | TKC00P | 03 | TKC00P | 00 | 1 | TDD | JP | | 31B | | |
| 01287 | | XA514 | 60 | | | | | | | | | | THSPRA | 03 | THSPRN | 01 | 1 | TDD | KN | | 28A | C03 | |
| 04551 | | XA514 | 61 | | | | | | | | | | TKC00Q | 02 | TKC00Q | 00 | 1 | TDD | JQ | | 32B | FIRST BYTE COUNTER | |
| 01675 | | XA514 | 62 | | XA506 | 33 | | | 16B | 9 | | | TXGN2A | 00 | THSPRI | 01 | 1 | TDD | KI | | 29A | C03 | |
| 01708 | | XA514 | 63 | | XA514 | 51 | | | 16B | 9 | | | SPI020 | 09 | TKC00Q | 01 | 1 | TDD | JQ | | 33B | | |
| 01457 | | XA514 | 64 | | XA511 | 78 | | | 16B | 9 | | | TBUSYS | 00 | THSPRP | 01 | 1 | TDD | KP | | 30A | C03 | |
| 01588 | | XA514 | 65 | | XA546 | 70 | | | 16B | 9 | | | SPI015 | 02 | | 01 | 1 | TDD | MQ | | 34B | | |
| 04523 | | XA514 | 66 | | XA513 | 66 | | | 16B | 9 | | | TKBRSA | 03 | TKC00P | 01 | 1 | TDD | JP | | 31A | | |
| 00943 | | XA514 | 67 | | | | | | | | | | GND | 01 | | | | TDD | | | 40B | | |
| 04557 | | XA514 | 68 | | XA513 | 57 | | | 16B | 9 | | | TKC02P | 01 | TKC00I | 01 | 1 | TDD | JI | | 32A | | |
| 03411 | | XA514 | 69 | | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | MP | | 35A | | |
| 04517 | | XA514 | 70 | | XA513 | 70 | | | 16B | 9 | | | TKBCPO | 03 | TKC00N | 01 | 1 | TDD | JN | | 33A | | |
| 01466 | | XA514 | 71 | | XA513 | 71 | | | 16B | 9 | | | SPI009 | 06 | | 01 | 1 | TDD | MI | | 36A | | |
| 01581 | | XA514 | 72 | | XA513 | 72 | | | 16B | 9 | | | SPI013 | 12 | | 01 | 1 | TDD | MN | | 34A | | |
| 01585 | | XA514 | 73 | | XA513 | 73 | | | 16B | 9 | | | SPI014 | 03 | | 01 | 1 | TDD | MP | | 36B | | |
| 03412 | | XA514 | 74 | | | | | | | | | | SPO | 01 | | 00 | 1 | TDD | MQ | | 35B | | |
| 01288 | | XA514 | 75 | | XA514 | 06 | | | 16B | 9 | | | TWRQCP | 03 | TWRQ2P | 01 | 1 | TDD | LP | | 37B | C01 | |
| 03413 | | XA514 | 76 | | XA436 | 30 | | | 16B | 9 | | | TWRQ2P | 02 | TWRQ2P | 00 | 1 | TDD | LP | | 37A | C01 | |
| 01705 | | XA514 | 77 | | XA505 | 75 | | | 16B | 9 | | | TWRQ9A | 01 | TWRQ2I | 01 | 1 | TDD | LI | | 38B | C01 | |
| 03414 | | XA514 | 78 | | | | | | | | | | TWRQ2Q | 02 | TWRQ2Q | 00 | 1 | TDD | LQ | | 38A | C01 | |
| 01676 | | XA514 | 79 | | | | | | | | | | TWRQ1P | 04 | TWRQ2M | 01 | 1 | TDD | LN | | 39B | C01 | |
| 01458 | | XA514 | 80 | | XA513 | 80 | | | 16B | 9 | | | SPI019 | 10 | TWRQ2Q | 01 | 1 | TDD | LQ | | 39A | C01 | |
| 05056 | | XA515 | 01 | | XA412 | 68 | | | 16B | 9 | | | TREADP | 02 | TLRCCO | 01 | 1 | TD4 | A2 | | 02B | | |
| 00944 | | XA515 | 02 | | | | | | | | | | GND | 01 | | | | TD4 | | | 01A | | |
| 00464 | | XA515 | 03 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 05855 | | XA515 | 04 | | XA508 | 06 | | | 16B | 9 | | | TSPACP | 03 | TLRCCO | 01 | 2 | TD4 | A2 | | 04A | | |
| 06393 | | XA515 | 05 | | XA506 | 38 | | | 16B | 9 | | | TWENCA | 02 | TLRCCO | 01 | 3 | TD4 | A2 | | 03B | | |
| 06593 | | XA515 | 06 | | XA425 | 43 | | | 16B | 9 | | | TWRITQ | 08 | TLCCOA | 01 | 1 | TD4 | A1 | | 05A | | |
| 05863 | | XA515 | 07 | | XA527 | 40 | | | 16B | 9 | | | TSPAEP | 03 | TLRCCO | 01 | 4 | TD4 | A2 | | 03A | | |
| 07210 | | XA515 | 08 | | XA435 | 49 | | | 16B | 9 | | | TXEB1Q | 03 | TLCCOA | 01 | 2 | TD4 | A1 | | 06A | | |
| 04706 | | XA515 | 09 | | XA518 | 52 | | | 16B | 9 | | | TLRCCO | 01 | TLRCCO | 00 | 1 | TD4 | A2 | | 04B | | |
| 04223 | | XA515 | 10 | | XA410 | 78 | | | 16B | 9 | | | TEBZRO | 03 | TLCCOA | 01 | 3 | TD4 | A1 | | 07A | | |
| 04612 | | XA515 | 11 | | | | | | | | | | TLCCOA | 02 | TLCCOA | 00 | 1 | TD4 | A1 | | 05B | | |
| 00193 | | XA515 | 12 | | | | | | | | | | +5V | 01 | | | | TD4 | | | | | |
| 05773 | | XA515 | 13 | | XA515 | 20 | | | 16B | 9 | | | TSCK3B | 56 | TLCCOA | 01 | 4 | TD4 | A1 | | 06B | | |
| 06397 | | XA515 | 14 | | XA519 | 17 | | | 16B | 9 | | | TWENCO | 03 | TFPE1A | 01 | 1 | TD4 | B2 | | 09A | | |
| 00465 | | XA515 | 15 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA515
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| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DI FIC | PREFIX | CONNECTOR | PIN | DI FIC | MULTI-GROUP | CODE | COLOR | IDENI | | | | | | | | | | | |
| 00945 | | XA515 | 16 | | | | | | | | | | GND | 01 | | | | | | | | | |
| 00466 | | XA515 | 17 | | | | | | | | | | DNW | 01 | | | | | | | | 20B | |
| 06325 | | XA515 | 18 | | XA519 | 19 | | | | 16B | 9 | | TWDBSA | 02 | TFPE1A | 01 | 2 | TD4 | B2 | | | 10A | |
| 05848 | | XA515 | 19 | | XA418 | 71 | | | | 16B | 9 | | TSNC2S | 05 | TFPE1A | 01 | 3 | TD4 | B2 | | | 09B | |
| 05774 | | XA515 | 20 | | XA418 | 79 | | | | 16B | 9 | | TSCK3B | 57 | TFPE1A | 01 | 4 | TD4 | B2 | | | 11A | |
| 04382 | | XA515 | 21 | | XA526 | 39 | | | | 16B | 9 | | TFPE1A | 01 | TFPE1A | 00 | 1 | TD4 | B2 | | | 10B | |
| 06396 | | XA515 | 22 | | XA515 | 14 | | | | 16B | 9 | | TWENCO | 02 | TWENOA | 01 | 1 | TD4 | B1 | | | 12A | |
| 06403 | | XA515 | 23 | | XA516 | 41 | | | | 16B | 9 | | TWENOA | 02 | TWENOA | 00 | 1 | TD4 | B1 | | | 11B | |
| 04387 | | XA515 | 24 | | XA507 | 05 | | | | 16B | 9 | | TFPR10X | 05 | TWENOA | 01 | 2 | TD4 | B1 | | | 13A | B05 |
| 05833 | | XA515 | 25 | | XA518 | 54 | | | | 16B | 9 | | TSNC1S | 05 | TWENOA | 01 | 3 | TD4 | B1 | | | 12B | |
| 05677 | | XA515 | 26 | | XA514 | 26 | | | | 16B | 9 | | TSCL1B | 24 | TWENOA | 01 | 4 | TD4 | B1 | | | 14A | |
| 00467 | | XA515 | 27 | | | | | | | | | | DNW | 01 | | | | | | | | | |
| 00184 | | XA515 | 28 | | | | | | | | | | +5V | 01 | | | | | | | | | |
| 00468 | | XA515 | 29 | | | | | | | | | | DNW | 01 | | | | | | | | | |
| 06575 | | XA515 | 30 | | XA508 | 30 | | | | 16B | 9 | | THISPO | 02 | TWRG4A | 01 | 1 | TD4 | C2 | | | 15A | A07 |
| 06542 | | XA515 | 31 | | XA515 | 38 | | | | 16B | 9 | | TWRG1S | 01 | TWRG4A | 01 | 2 | TD4 | C2 | | | 15B | |
| 00946 | | XA515 | 32 | | | | | | | | | | GND | 01 | | | | | | | | | |
| 06561 | | XA515 | 33 | | | | | | | | | | TWRG4A | 02 | TWRG4A | 00 | 1 | TD4 | C2 | | | 21B | |
| 05072 | | XA515 | 34 | | XA520 | 14 | | | | 16B | 9 | | T080U0 | 01 | TWRG4A | 01 | 3 | TD4 | C2 | | | 16A | B05 |
| 06562 | | XA515 | 35 | | XA512 | 26 | | | | 16B | 9 | | TWRG6A | 01 | TWRG6A | 00 | 1 | TD4 | C1 | | | 17B | |
| 05676 | | XA515 | 36 | | XA515 | 26 | | | | 16B | 9 | | TSCL1B | 23 | TWRG6A | 01 | 4 | TD4 | C2 | | | 17A | |
| 06601 | | XA515 | 37 | | | | | | | | | | TWRIT0 | 07 | TWRG6A | 01 | 1 | TD4 | C1 | | | 18B | |
| 06543 | | XA515 | 38 | | XA516 | 59 | | | | 16B | 9 | | TWRG1S | 02 | TWRG6A | 01 | 2 | TD4 | C1 | | | 18A | |
| 00469 | | XA515 | 39 | | | | | | | | | | DNW | 01 | | | | | | | | | |
| 08100 | | XA515 | 40 | | XA506 | 64 | | | | 16B | 9 | | TC40BP | 04 | TWRG6A | 01 | 3 | TD4 | C1 | | | 19A | C05 |
| 00470 | | XA515 | 41 | | | | | | | | | | DNW | 01 | | | | | | | | | |
| 05675 | | XA515 | 42 | | XA515 | 36 | | | | 16B | 9 | | TSCL1B | 22 | TWRG6A | 01 | 4 | TD4 | C1 | | | 20A | |
| 06609 | | XA515 | 43 | | XA512 | 22 | | | | 16B | 9 | | TWR10S | 03 | TNDA1A | 01 | 1 | TD4 | D2 | | | 23B | |
| 00947 | | XA515 | 44 | | | | | | | | | | GND | 01 | | | | | | | | | |
| 04844 | | XA515 | 45 | | XA512 | 41 | | | | 16B | 9 | | TNDA1A | 01 | TNDA1A | 00 | 1 | TD4 | D2 | | | 27A | |
| 04878 | | XA515 | 46 | | XA512 | 54 | | | | 16B | 9 | | TNSGOR | 01 | TNDA1A | 01 | 2 | TD4 | D2 | | | 21A | |
| 06526 | | XA515 | 47 | | XA517 | 53 | | | | 16B | 9 | | TWRGOR | 01 | TWRGOR | 00 | 1 | TD4 | D1 | | | 25B | |
| 08095 | | XA515 | 48 | | | | | | | | | | TC41BP | 03 | TNDA1A | 01 | 3 | TD4 | D2 | | | 22A | C05 |
| 06532 | | XA515 | 49 | | | | | | | | | | TWRG0S | 05 | TWRGOR | 01 | 1 | TD4 | D1 | | | 26B | |
| 05734 | | XA515 | 50 | | XA515 | 64 | | | | 16B | 9 | | TSCL3B | 17 | TNDA1A | 01 | 4 | TD4 | D2 | | | 23A | |
| 00471 | | XA515 | 51 | | | | | | | | | | DNW | 01 | | | | | | | | | |
| 06536 | | XA515 | 52 | | XA516 | 69 | | | | 16B | 9 | | TWRG1A | 02 | TWRGOR | 01 | 2 | TD4 | D1 | | | 24A | |
| 00472 | | XA515 | 53 | | | | | | | | | | DNW | 01 | | | | | | | | | |
| 04477 | | XA515 | 54 | | XA509 | 64 | | | | 16B | 9 | | UJNT7A | 01 | TWRGOR | 01 | 3 | TD4 | D1 | | | 25A | B05 |
| 06034 | | XA515 | 55 | | XA521 | 75 | | | | 16B | 9 | | TS29CP | 02 | TMCP0A | 01 | 1 | TD4 | E2 | | | 29B | |
| 07433 | | XA515 | 56 | | XA516 | 50 | | | | 16B | 9 | | TXRS1B | 30 | TWRGOR | 01 | 4 | TD4 | D1 | | | 26A | |
| 04774 | | XA515 | 57 | | | | | | | | | | TMCP0A | 02 | TMCP0A | 00 | 1 | TD4 | E2 | | | 30B | |
| 00948 | | XA515 | 58 | | | | | | | | | | GND | 01 | | | | | | | | | |
| 06549 | | XA515 | 59 | | | | | | | | | | TWRG2A | 02 | TWRG2A | 00 | 1 | TD4 | E1 | | | 40A | |
| 04819 | | XA515 | 60 | | XA514 | 37 | | | | 16B | 9 | | TM03BQ | 01 | TMCP0A | 01 | 2 | TD4 | E2 | | | 31B | |
| 06531 | | XA515 | 61 | | XA515 | 49 | | | | 16B | 9 | | TWRG0S | 04 | TWRG2A | 01 | 1 | TD4 | E1 | | | 32B | |
| 04835 | | XA515 | 62 | | XA507 | 64 | | | | 16B | 9 | | TM04BQ | 04 | TMCP0A | 01 | 3 | TD4 | E2 | | | 29A | |
| 00473 | | XA515 | 63 | | | | | | | | | | DNW | 01 | | | | | | | | | |
| 05735 | | XA515 | 64 | | XA515 | 74 | | | | 16B | 9 | | TSCL3B | 18 | TMCP0A | 01 | 4 | TD4 | E2 | | | 30A | |
| 00474 | | XA515 | 65 | | | | | | | | | | DNW | 01 | | | | | | | | | |
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DRAWING NUMBER

149015-880

CONNECTOR

UNIT ASSEMBLY NO.

149015

REV C

INDEX XA515

UNIT ASSEMBLY NAME

CARD CAGE ASSEMBLY FCU

FILE IDENT

T39C1FC5

DATE

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| RECORD NUMBER | FROM | | | TO | WIRE | | | SPEC INST MISC | S | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | SIGNAL DESCRIPTION | ECO NO |
|--|--------|-----------|-----|----|--------|-----------|-----|----------------|-----|--------|----------|------|--------|------------------|-------|---------------------|-------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | | | | | | | | | | | | |
| 03797 | | XA515 | 66 | | XA509 | 77 | | | | | TCZ570 | 01 | TWRG2A | 01 | 2 | TD4 | E1 | | |
| 00949 | | XA515 | 67 | | | | | | | | GND | 01 | | | | TD4 | | | |
| 03809 | | XA515 | 68 | | XA518 | 46 | | | | | TCZR70 | 01 | TWRG2A | 01 | 3 | TD4 | E1 | | |
| 04633 | | XA515 | 69 | | | | | | | | TLCC2A | 02 | TLCC2A | 00 | 1 | TD4 | F2 | | |
| 05672 | | XA515 | 70 | | XA514 | 56 | | | | | TSCL1B | 19 | TWRG2A | 01 | 4 | TD4 | E1 | | |
| 04619 | | XA515 | 71 | | XA504 | 55 | | | | | TLCC0S | 03 | TLCC2A | 01 | 1 | TD4 | F2 | | |
| 04784 | | XA515 | 72 | | XA517 | 77 | | | | | TWRG1R | 00 | TLCC2A | 01 | 2 | TD4 | F2 | | |
| 06606 | | XA515 | 73 | | | | | | | | TWR1OR | 03 | TLCC2A | 01 | 3 | TD4 | F2 | | A07 |
| 05736 | | XA515 | 74 | | XA516 | 74 | | | | | TSCL3B | 19 | TLCC2A | 01 | 4 | TD4 | F2 | | |
| 05061 | | XA515 | 75 | | XA521 | 14 | | | | | TREADQ | 02 | TREN1A | 01 | 1 | TD4 | F1 | | |
| 05093 | | XA515 | 76 | | XA507 | 72 | | | | | TREN1A | 02 | TREN1A | 00 | 1 | TD4 | F1 | | |
| 07208 | | XA515 | 77 | | XA410 | 77 | | | | | TXEB1Q | 01 | TREN1A | 01 | 2 | TD4 | F1 | | |
| 04222 | | XA515 | 78 | | XA515 | 10 | | | | | TEBZRO | 02 | TREN1A | 01 | 3 | TD4 | F1 | | |
| 05738 | | XA515 | 79 | | XA510 | 79 | | | | | TSCL3B | 21 | TREN1A | 01 | 4 | TD4 | F1 | | |
| 00475 | | XA515 | 80 | | | | | | | | DNW | 01 | | | | TD4 | | | |
| 05309 | | XA516 | 01 | | | | | | | | TRST1A | 09 | TRST1A | 00 | 1 | TQ2 | A2 | | 02B |
| 00950 | | XA516 | 02 | | | | | | | | GND | 01 | | | | TQ2 | | | 01A |
| 05300 | | XA516 | 03 | | | | | | | | TRST00 | 03 | TRST4A | 01 | 1 | TQ2 | A3 | | 02A |
| 05311 | | XA516 | 04 | | XA516 | 11 | | | 16B | 9 | TRST10 | 02 | TRST1A | 01 | 1 | TQ2 | A2 | | 04A |
| 01733 | | XA516 | 05 | | XA516 | 10 | | | 16B | 9 | SPI020 | 34 | TRST1A | 01 | 2 | TQ2 | A2 | | 03B |
| 05297 | | XA516 | 06 | | | | | | | | TRST0A | 09 | TRST0A | 00 | 1 | TQ2 | A1 | | 05A |
| 01732 | | XA516 | 07 | | XA516 | 05 | | | 16B | 9 | SPI020 | 33 | TRST4A | 01 | 2 | TQ2 | A3 | | 03A |
| 05299 | | XA516 | 08 | | XA516 | 03 | | | 16B | 9 | TRST00 | 02 | TRST0A | 01 | 1 | TQ2 | A1 | | 06A |
| 05321 | | XA516 | 09 | | | | | | | | TRST4A | 09 | TRST4A | 00 | 1 | TQ2 | A3 | | 04B |
| 01734 | | XA516 | 10 | | XA442 | 76 | | | 16B | 9 | SPI020 | 35 | TRST0A | 01 | 2 | TQ2 | A1 | | 07A |
| 05312 | | XA516 | 11 | | | | | | | | TRST10 | 03 | TRST5A | 01 | 1 | TQ2 | A4 | | 05B |
| 00185 | | XA516 | 12 | | | | | | | | +5V | 01 | | | | TQ2 | | | |
| 01731 | | XA516 | 13 | | XA516 | 07 | | | 16B | 9 | SPI020 | 32 | TRST5A | 01 | 2 | TQ2 | A4 | | 06B |
| 05263 | | XA516 | 14 | | | | | | | | TRRS2A | 05 | TRRS2A | 00 | 1 | TQ2 | B2 | | 09A |
| 05330 | | XA516 | 15 | | | | | | | | TRST5A | 09 | TRST5A | 00 | 1 | TQ2 | A4 | | 07B |
| 00951 | | XA516 | 16 | | | | | | | | GND | 01 | | | | TQ2 | | | 01B |
| 05246 | | XA516 | 17 | | XA516 | 23 | | | 16B | 9 | TEB4R0 | 04 | TRRS4A | 01 | 1 | TQ2 | B3 | | 08B |
| 05247 | | XA516 | 18 | | XA516 | 17 | | | 16B | 9 | TEB4R0 | 03 | TRRS2A | 01 | 1 | TQ2 | B2 | | 10A |
| 01730 | | XA516 | 19 | | XA516 | 13 | | | 16B | 9 | SPI020 | 31 | TRRS4A | 01 | 2 | TQ2 | B3 | | 09B |
| 01729 | | XA516 | 20 | | XA516 | 19 | | | 16B | 9 | SPI020 | 30 | TRRS2A | 01 | 2 | TQ2 | B2 | | 11A |
| 05273 | | XA516 | 21 | | | | | | | | TRRS4A | 05 | TRRS4A | 00 | 1 | TQ2 | B3 | | 10B |
| 05243 | | XA516 | 22 | | | | | | | | TRRS0A | 05 | TRRS0A | 00 | 1 | TQ2 | B1 | | 12A |
| 05245 | | XA516 | 23 | | XA516 | 24 | | | 16B | 9 | TEB4R0 | 05 | TRRS6A | 01 | 1 | TQ2 | B4 | | 11B |
| 05244 | | XA516 | 24 | | XA516 | 29 | | | 16B | 9 | TEB4R0 | 06 | TRRS0A | 01 | 1 | TQ2 | B1 | | 13A |
| 01727 | | XA516 | 25 | | XA516 | 26 | | | 16B | 9 | SPI020 | 28 | TRRS6A | 01 | 2 | TQ2 | B4 | | 12B |
| 01728 | | XA516 | 26 | | XA516 | 20 | | | 16B | 9 | SPI020 | 29 | TRRS0A | 01 | 2 | TQ2 | B1 | | 14A |
| 05283 | | XA516 | 27 | | | | | | | | TRRS6A | 05 | TRRS6A | 00 | 1 | TQ2 | B4 | | 13B |
| 00186 | | XA516 | 28 | | | | | | | | +5V | 01 | | | | TQ2 | | | |
| 05255 | | XA516 | 29 | | XA516 | 35 | | | 16B | 9 | TEB4R0 | 07 | TRRS5A | 01 | 1 | TQ2 | C3 | | 14B |
| 05268 | | XA516 | 30 | | | | | | | | TRRS3A | 05 | TRRS3A | 00 | 1 | TQ2 | C2 | | 15A |
| 01752 | | XA516 | 31 | | XA517 | 31 | | | 16B | 9 | SPI021 | 17 | TRRS5A | 01 | 2 | TQ2 | C3 | | 15B |
| 00952 | | XA516 | 32 | | | | | | | | GND | 01 | | | | TQ2 | | | 20B |
| 05274 | | XA516 | 33 | | XA532 | 50 | | | 16B | 9 | TRRS5A | 01 | TRRS5A | 00 | 1 | TQ2 | C3 | | 16B |
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DRAWING NUMBER

149015-880

CONNECTOR

UNIT ASSEMBLY NO. 149015

REV C

INDEX XA516

UNIT ASSEMBLY NAME

CARD CAGE ASSEMBLY IFCU

FILE IDENT

T39C1FC5

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| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|--------|---------|----------|--------|--------|------------------|-------|---------------------|--------------------|--------------------|--------------------|
| | PREFIX | CONNECTOR | PIN | SR FC | PREFIX | CONNECTOR | PIN | SR FC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 05257 | | XA516 | 34 | | | XA516 | 40 | | | | 16B | 9 | | TEB4R0 | 09 | TRRS3A | 01 | 1 | TQ2 | C2 | 16A | | |
| 05256 | | XA516 | 35 | | | XA516 | 34 | | | | 16B | 9 | | TEB4R0 | 08 | TRRS7A | 01 | 1 | TQ2 | C4 | 17B | | B08 |
| 01748 | | XA516 | 36 | | | XA516 | 42 | | | | 16B | 9 | | SPI021 | 13 | TRRS3A | 01 | 2 | TQ2 | C2 | 17A | | B08 |
| 01751 | | XA516 | 37 | | | XA516 | 31 | | | | 16B | 9 | | SPI021 | 16 | TRRS7A | 01 | 2 | TQ2 | C4 | 18B | | |
| 05249 | | XA516 | 38 | | | XA530 | 73 | | | | 16B | 9 | | TRRS1A | 01 | TRRS1A | 00 | 1 | TQ2 | C1 | 18A | | |
| 05284 | | XA516 | 39 | | | XA532 | 73 | | | | 16B | 9 | | TRRS7A | 01 | TRRS7A | 00 | 1 | TQ2 | C4 | 19B | | OUTPUT DATA REG OD |
| 05258 | | XA516 | 40 | | | | | | | | | | | TEB4R0 | 10 | TRRS1A | 01 | 1 | TQ2 | C1 | 19A | | B08 |
| 06404 | | XA516 | 41 | | | | | | | | | | | TWEN0A | 03 | UWLS00 | 01 | 1 | TQ2 | D3 | 22B | | B05 |
| 01749 | | XA516 | 42 | | | XA516 | 43 | | | | 16B | 9 | | SPI021 | 14 | TRRS1A | 01 | 2 | TQ2 | C1 | 20A | | |
| 01750 | | XA516 | 43 | | | XA516 | 37 | | | | 16B | 9 | | SPI021 | 15 | UWLS00 | 01 | 2 | TQ2 | D3 | 23B | | B05 |
| 00953 | | XA516 | 44 | | | | | | | | | | | GND | 01 | | | | TQ2 | | 21B | | |
| 06514 | | XA516 | 45 | | | XA517 | 34 | | | | 16B | 9 | | UWLS00 | 01 | UWLS00 | 00 | 1 | TQ2 | D3 | 24B | | B05 |
| 04725 | | XA516 | 46 | | | XA517 | 40 | | | | 16B | 9 | | TLRCS0 | 01 | TLRCS0 | 00 | 1 | TQ2 | D2 | 21A | | |
| 06637 | | XA516 | 47 | | | XA543 | 36 | | | | 16B | 9 | | TWRI2S | 04 | UWLK0A | 01 | 1 | TQ2 | D4 | 25B | | B05 |
| 04705 | | XA516 | 48 | | | | | | | | | | | TLRCCA | 02 | TLRCS0 | 01 | 1 | TQ2 | D2 | 22A | | |
| 06316 | | XA516 | 49 | | | XA543 | 34 | | | | 16B | 9 | | TWDBC0 | 02 | UWLK0A | 01 | 2 | TQ2 | D4 | 26B | | B05 |
| 07434 | | XA516 | 50 | | | XA518 | 61 | | | | 16B | 9 | | TXRS1B | 31 | TLRCS0 | 01 | 2 | TQ2 | D2 | 23A | | |
| 06472 | | XA516 | 51 | | | | | | | | | | | UWLK0A | 03 | UWLK0A | 00 | 1 | TQ2 | D4 | 27B | | B05 |
| 04968 | | XA516 | 52 | | | | | | | | | | | TRDBCA | 03 | TRDBCA | 00 | 1 | TQ2 | D1 | 24A | | |
| 06533 | | XA516 | 53 | | | XA524 | 51 | | | | 16B | 9 | | TWRG00 | 01 | TWRG0A | 01 | 1 | TQ2 | E3 | 28B | | |
| 04971 | | XA516 | 54 | | | XA546 | 56 | | | | 16B | 9 | | TRDBC0X | 01 | TRDBCA | 01 | 1 | TQ2 | D1 | 25A | | |
| 06009 | | XA516 | 55 | | | XA516 | 78 | | | | 16B | 9 | | TSTR90 | 02 | TWRG0A | 01 | 2 | TQ2 | E3 | 29B | | |
| 01742 | | XA516 | 56 | | | XA517 | 49 | | | | 16B | 9 | | SPI021 | 07 | TRDBCA | 01 | 2 | TQ2 | D1 | 26A | | |
| 06524 | | XA516 | 57 | | | XA517 | 55 | | | | 16B | 9 | | TWRG0A | 01 | TWRG0A | 00 | 1 | TQ2 | E1 | 30B | | |
| 00954 | | XA516 | 58 | | | | | | | | | | | GND | 01 | | | | TQ2 | | 27A | | |
| 06544 | | XA516 | 59 | | | XA517 | 63 | | | | 16B | 9 | | TWRG1S | 03 | TWRG1R | 01 | 1 | TQ2 | E4 | 31B | | |
| 04768 | | XA516 | 60 | | | | | | | | | | | TLTE0A | 02 | TLTE0A | 00 | 1 | TQ2 | E2 | 28A | | |
| 06530 | | XA516 | 61 | | | XA515 | 61 | | | | 16B | 9 | | TWRG0S | 03 | TWRG1R | 01 | 2 | TQ2 | E4 | 32B | | |
| 04680 | | XA516 | 62 | | | XA523 | 09 | | | | 16B | 9 | | TLPT4S | 01 | TLTE0A | 01 | 1 | TQ2 | E2 | 29A | | |
| 06539 | | XA516 | 63 | | | XA517 | 59 | | | | 16B | 9 | | TWRG1R | 02 | TWRG1R | 00 | 1 | TQ2 | E4 | 33B | | |
| 07198 | | XA516 | 64 | | | XA428 | 26 | | | | 16B | 9 | | TXEA00 | 01 | TLTE0A | 01 | 2 | TQ2 | E2 | 30A | | |
| 06555 | | XA516 | 65 | | | XA509 | 76 | | | | 16B | 9 | | TWRG2S | 03 | TWRG1A | 01 | 1 | TQ2 | F3 | 34B | | |
| 06677 | | XA516 | 66 | | | | | | | | | | | TWRQ1S | 03 | TWRQ1S | 00 | 1 | TQ2 | E1 | 31A | | |
| 00955 | | XA516 | 67 | | | | | | | | | | | GND | 01 | | | | TQ2 | | 40A | | |
| 06673 | | XA516 | 68 | | | XA510 | 07 | | | | 16B | 9 | | TWRQ1R | 01 | TWRQ1S | 01 | 1 | TQ2 | E1 | 32A | | |
| 06537 | | XA516 | 69 | | | | | | | | | | | TWRG1A | 03 | TWRG1A | 00 | 1 | TQ2 | F3 | 35A | | |
| 06578 | | XA516 | 70 | | | XA512 | 14 | | | | 16B | 9 | | TWRQ2A | 01 | TWRQ1S | 01 | 2 | TQ2 | E1 | 33A | | |
| 08297 | | XA516 | 71 | | | XA521 | 10 | | | | 16B | 9 | | SPI022 | 015 | | | | TQ2 | F2 | 36A | | |
| 08336 | | XA516 | 72 | | | | | | | | | | | SPO | 01 | | | | TQ2 | F2 | 34A | | |
| 01737 | | XA516 | 73 | | | XA517 | 70 | | | | 16B | 9 | | SPI021 | 02 | | | | TQ2 | F2 | 36B | | |
| 05737 | | XA516 | 74 | | | XA515 | 79 | | | | 16B | 9 | | TSC13B | 20 | TWRG1A | 01 | 2 | TQ2 | F3 | 35B | | |
| 06401 | | XA516 | 75 | | | | | | | | | | | TWENCO | 07 | TWENCO | 00 | 1 | TQ2 | F1 | 37B | | |
| 05883 | | XA516 | 76 | | | XA518 | 65 | | | | 16B | 9 | | TSPNIS | 01 | TRENOA | 01 | 1 | TQ2 | F4 | 37A | | |
| 06580 | | XA516 | 77 | | | XA524 | 45 | | | | 16B | 9 | | TWR1TP | 02 | TWENCO | 01 | 1 | TQ2 | F1 | 38B | | |
| 06010 | | XA516 | 78 | | | XA518 | 72 | | | | 16B | 9 | | TSTR90 | 03 | TRENOA | 01 | 2 | TQ2 | F4 | 38A | | |
| 06572 | | XA516 | 79 | | | XA503 | 20 | | | | 16B | 9 | | TWR1EP | 04 | TWENCO | 01 | 2 | TQ2 | F1 | 39B | | |
| 05082 | | XA516 | 80 | | | XA508 | 55 | | | | 16B | 9 | | TRENOA | 03 | TRENOA | 00 | 1 | TQ2 | F4 | 39A | | |

H78-14 1387

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA517
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 375

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|------|-------------|------|-------|--------|---------|----------|--------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | NO | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 05310 | | XA517 | 01 | | XA516 | 04 | | | 16B | 9 | | TRST10 | 01 | TRST10 | 00 | 1 | TQ2 | A2 | | 02B | |
| 00956 | | XA517 | 02 | | | | | | | | | GND | 01 | | | 1 | TQ2 | | | 01A | |
| 06729 | | XA517 | 03 | | | | | | | | | UWRT8A | 02 | URRS00 | 01 | 1 | TQ2 | A3 | | 02A | B05 |
| 06726 | | XA517 | 04 | | XA518 | 07 | | | 16B | 9 | | TWRT7A | 01 | TRST10 | 01 | 1 | TQ2 | A2 | | 04A | |
| 01754 | | XA517 | 05 | | XA517 | 10 | | | 16B | 9 | | SPI021 | 19 | TRST10 | 01 | 2 | TQ2 | A2 | | 03B | |
| 05298 | | XA517 | 06 | | XA516 | 08 | | | 16B | 9 | | TRST00 | 01 | TRST00 | 00 | 1 | TQ2 | A1 | | 05A | |
| 07455 | | XA517 | 07 | | XA517 | 13 | | | 16B | 9 | | TXRS2B | 20 | URRS00 | 01 | 2 | TQ2 | A3 | | 03A | B05 |
| 06724 | | XA517 | 08 | | XA518 | 04 | | | 16B | 9 | | TWRT6A | 01 | TRST00 | 01 | 1 | TQ2 | A1 | | 06A | |
| 05248 | | XA517 | 09 | | | | | | | | M | URRS00 | 05 | URRS00 | 00 | 1 | TQ2 | A3 | | 04B | B05 |
| 01755 | | XA517 | 10 | | XA517 | 20 | | | 16B | 9 | | SPI021 | 20 | TRST00 | 01 | 2 | TQ2 | A1 | | 07A | |
| 06731 | | XA517 | 11 | | | | | | | | | UWRT9A | 02 | URRS10 | 01 | 1 | TQ2 | A4 | | 05B | B05 |
| 00187 | | XA517 | 12 | | | | | | | | | +5V | 01 | | | | TQ2 | | | | |
| 07456 | | XA517 | 13 | | XA518 | 18 | | | 16B | 9 | | TXRS2B | 21 | URRS10 | 01 | 2 | TQ2 | A4 | | 06B | B05 |
| 06079 | | XA517 | 14 | | XA542 | 60 | | | 16B | 9 | | TTCP10 | 01 | TTCP10 | 00 | 1 | TQ2 | B2 | | 09A | |
| 05254 | | XA517 | 15 | | | | | | | | M | URRS10 | 01 | URRS10 | 00 | 1 | TQ2 | A4 | | 07B | B05 |
| 00957 | | XA517 | 16 | | | | | | | | | GND | 01 | | | | TQ2 | | | 01B | |
| 06099 | | XA517 | 17 | | | | | | | | | TTRS00 | 03 | TTRS0A | 01 | 1 | TQ2 | B3 | | 08B | |
| 04966 | | XA517 | 18 | | XA517 | 24 | | | 16B | 9 | | TRDBCA | 01 | TTCP10 | 01 | 1 | TQ2 | B2 | | 10A | |
| 01757 | | XA517 | 19 | | XA517 | 25 | | | 16B | 9 | | SPI021 | 22 | TTRS0A | 01 | 2 | TQ2 | B3 | | 09B | |
| 01756 | | XA517 | 20 | | XA517 | 19 | | | 16B | 9 | | SPI021 | 21 | TTCP10 | 01 | 2 | TQ2 | B2 | | 11A | |
| 06096 | | XA517 | 21 | | | | | | | | | TTRS0A | 06 | TTRS0A | 00 | 1 | TQ2 | B3 | | 10B | |
| 06078 | | XA517 | 22 | | | | | | | | | TTCP00 | 06 | TTCP00 | 00 | 1 | TQ2 | B1 | | 12A | |
| 06098 | | XA517 | 23 | | XA517 | 17 | | | 16B | 9 | | TTRS00 | 02 | TTRS1A | 01 | 1 | TQ2 | B4 | | 11B | |
| 04967 | | XA517 | 24 | | XA516 | 52 | | | 16B | 9 | | TRDBCA | 02 | TTCP00 | 07 | 1 | TQ2 | B1 | | 13A | |
| 01758 | | XA517 | 25 | | XA517 | 26 | | | 16B | 9 | | SPI021 | 23 | TTRS1A | 01 | 2 | TQ2 | B4 | | 12B | |
| 01759 | | XA517 | 26 | | XA519 | 26 | | | 16B | 9 | | SPI021 | 24 | TTCP00 | 01 | 2 | TQ2 | B1 | | 14A | |
| 06104 | | XA517 | 27 | | | | | | | | | TTRS1A | 05 | TTRS1A | 00 | 1 | TQ2 | B4 | | 13B | |
| 00188 | | XA517 | 28 | | | | | | | | | +5V | 01 | | | | TQ2 | | | | |
| 06470 | | XA517 | 29 | | XA517 | 35 | | | 16B | 9 | | UWLK0A | 01 | UWLK00 | 01 | 1 | TQ2 | C3 | | 14B | B05 |
| 06504 | | XA517 | 30 | | XA539 | 27 | | | 16B | 9 | | UWLS0A | 01 | UWLS0A | 00 | 1 | TQ2 | C2 | | 15A | B05 |
| 01753 | | XA517 | 31 | | XA517 | 05 | | | 16B | 9 | | SPI021 | 18 | UWLK00 | 01 | 2 | TQ2 | C3 | | 15B | B05 |
| 00958 | | XA517 | 32 | | | | | | | | | GND | 01 | | | | TQ2 | | | 20B | |
| 06478 | | XA517 | 33 | | | | | | | | | UWLK00 | 06 | UWLK00 | 00 | 1 | TQ2 | C3 | | 16B | B05 |
| 06515 | | XA517 | 34 | | | | | | | | | UWLS00 | 02 | UWLS0A | 01 | 1 | TQ2 | C2 | | 16A | B05 |
| 06471 | | XA517 | 35 | | XA516 | 51 | | | 16B | 9 | | UWLK0A | 02 | UWLK10 | 01 | 1 | TQ2 | C4 | | 17B | B05 |
| 01746 | | XA517 | 36 | | XA517 | 37 | | | 16B | 9 | | SPI021 | 11 | UWLS0A | 01 | 2 | TQ2 | C2 | | 17A | B05 |
| 01747 | | XA517 | 37 | | XA516 | 36 | | | 16B | 9 | | SPI021 | 12 | UWLK10 | 01 | 2 | TQ2 | C4 | | 18B | B05 |
| 04724 | | XA517 | 38 | | | | | | | | | TLRCSA | 10 | TLRCSA | 00 | 1 | TQ2 | C1 | | 18A | B05 |
| 06479 | | XA517 | 39 | | XA539 | 60 | | | 16B | 9 | | UWLK10 | 01 | UWLK10 | 00 | 1 | TQ2 | C4 | | 19B | B05 |
| 04726 | | XA517 | 40 | | | | | | | | | TLRCS0 | 02 | TLRCSA | 01 | 1 | TQ2 | C1 | | 19A | |
| 04614 | | XA517 | 41 | | XA518 | 36 | | | 16B | 9 | | TLCCOR | 02 | TLCCOS | 01 | 1 | TQ2 | D3 | | 22B | |
| 01745 | | XA517 | 42 | | XA517 | 36 | | | 16B | 9 | | SPI021 | 10 | TLRCSA | 01 | 2 | TQ2 | C1 | | 20A | |
| 04611 | | XA517 | 43 | | XA515 | 11 | | | 16B | 9 | | TLCCOA | 01 | TLCCOS | 01 | 2 | TQ2 | D3 | | 23B | |
| 00959 | | XA517 | 44 | | | | | | | | | GND | 01 | | | | TQ2 | | | 21B | |
| 04618 | | XA517 | 45 | | XA515 | 71 | | | 16B | 9 | | TLCCOS | 02 | TLCCOS | 00 | 1 | TQ2 | D3 | | 24B | |
| 06503 | | XA517 | 46 | | XA421 | 39 | | | 16B | 9 | | TADS10 | 01 | TADS10 | 00 | 1 | TQ2 | D2 | | 21A | B05 |
| 06330 | | XA517 | 47 | | | | | | | | | TFPR10X | 07 | TWDBSA | 01 | 1 | TQ2 | D4 | | 25B | B05 |
| 06497 | | XA517 | 48 | | XA517 | 54 | | | 16B | 9 | | TADSA | 02 | TADS10 | 01 | 1 | TQ2 | D2 | | 22A | B05 |
| 01743 | | XA517 | 49 | | XA517 | 50 | | | 16B | 9 | | SPI021 | 08 | TWDBSA | 01 | 2 | TQ2 | D4 | | 26B | B05 |
| 01744 | | XA517 | 50 | | XA517 | 42 | | | 16B | 9 | | SPI021 | 09 | TADS10 | 01 | 2 | TQ2 | D2 | | 23A | B05 |
| CONNECTOR (XA517) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

H78-14 1390

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA517
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 376

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|--------------------------------|-------|--------|-----------|-----|-------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FE | PREFIX | CONNECTOR | PIN | SH FE | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 06324 | | XA517 | 51 | | | XA515 | 18 | | | 16B | 9 | | TWDBSA | 01 | TWDBSA | 00 | 1 | TQ2 | D4 | | 27B | | |
| 06495 | | XA517 | 52 | | | XA421 | 37 | | | 16B | 9 | | TADS00 | 01 | TADS00 | 00 | 1 | TQ2 | D1 | | 24A | | |
| 06527 | | XA517 | 53 | | | | | | | | | | TWRG0R | 02 | TWRG0S | 01 | 1 | TQ2 | E3 | | 28B | | |
| 06498 | | XA517 | 54 | | | XA421 | 35 | | | 16B | 9 | | TADSAA | 03 | TADS00 | 01 | 1 | TQ2 | D1 | | 25A | B05 | |
| 06525 | | XA517 | 55 | | | | | | | | | | TWRG0A | 02 | TWRG0S | 01 | 2 | TQ2 | E3 | | 29B | | |
| 01741 | | XA517 | 56 | | | XA516 | 56 | | | 16B | 9 | | SPIO21 | 06 | TADS00 | 01 | 2 | TQ2 | D1 | | 26A | B05 | |
| 06529 | | XA517 | 57 | | | XA516 | 61 | | | 16B | 9 | | TWRG0S | 02 | TWRG0S | 00 | 1 | TQ2 | E3 | | 30B | | |
| 00960 | | XA517 | 58 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 27A | WRITE DELAY BIT 0 | |
| 06540 | | XA517 | 59 | | | XA522 | 49 | | | 16B | 9 | | TWRG1R | 03 | TWRG1S | 01 | 1 | TQ2 | E4 | | 31B | | |
| 04776 | | XA517 | 60 | | | | | | | | | | TMCP00 | 02 | TMCP00 | 00 | 1 | TQ2 | E2 | | 28A | | |
| 06548 | | XA517 | 61 | | | XA515 | 59 | | | 16B | 9 | | TWRG2A | 01 | TWRG1S | 01 | 2 | TQ2 | E4 | | 32B | | |
| 04773 | | XA517 | 62 | | | XA515 | 57 | | | 16B | 9 | | TMCP0A | 01 | TMCP00 | 01 | 1 | TQ2 | E2 | | 29A | | |
| 06545 | | XA517 | 63 | | | XA518 | 60 | | | 16B | 9 | | TWRG1S | 04 | TWRG1S | 00 | 1 | TQ2 | E4 | | 33B | | |
| 01740 | | XA517 | 64 | | | XA517 | 56 | | | 16B | 9 | | SPIO21 | 05 | TMCP00 | 01 | 2 | TQ2 | E2 | | 30A | WRITE DELAY BIT 1 | |
| 05095 | | XA517 | 65 | | | XA521 | 76 | | | 16B | 9 | | TREN1R | 01 | TREN1S | 01 | 1 | TQ2 | F3 | | 34B | | |
| 04777 | | XA517 | 66 | | | XA514 | 36 | | | 16B | 9 | | TMR50A | 01 | TMR50A | 00 | 1 | TQ2 | E1 | | 31A | | |
| 00961 | | XA517 | 67 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 40A | | |
| 04780 | | XA517 | 68 | | | | | | | | | | TMR500 | 02 | TMR50A | 01 | 1 | TQ2 | E1 | | 32A | | |
| 05097 | | XA517 | 69 | | | XA521 | 71 | | | 16B | 9 | | TREN1S | 01 | TREN1S | 00 | 1 | TQ2 | F3 | | 35A | FORWARD READ ENABL | |
| 01739 | | XA517 | 70 | | | XA517 | 64 | | | 16B | 9 | | SPIO21 | 04 | TMR50A | 01 | 2 | TQ2 | E1 | | 33A | | |
| 05084 | | XA517 | 71 | | | XA518 | 64 | | | 16B | 9 | | TREN0R | 01 | TREN0S | 01 | 1 | TQ2 | F2 | | 36A | | |
| 05089 | | XA517 | 72 | | | XA518 | 66 | | | 16B | 9 | | TREN0S | 04 | TREN0S | 00 | 1 | TQ2 | F2 | | 34A | READ REG READ ENAB | |
| 05081 | | XA517 | 73 | | | XA516 | 80 | | | 16B | 9 | | TREN0A | 02 | TREN0S | 01 | 2 | TQ2 | F2 | | 36B | | |
| 05108 | | XA517 | 74 | | | XA506 | 73 | | | 16B | 9 | | TREN2A | 02 | TREN1S | 01 | 2 | TQ2 | F3 | | 35B | | |
| 06559 | | XA517 | 75 | | | | | | | | | | TWRG3A | 02 | TWRG3A | 00 | 1 | TQ2 | F1 | | 37B | | |
| 01738 | | XA517 | 76 | | | | | | | | | | TREDBQ | 02 | TREN3A | 01 | 1 | TQ2 | F4 | | 37A | | |
| 06538 | | XA517 | 77 | | | XA516 | 63 | | | 16B | 9 | | TWRG1R | 01 | TWRG3A | 01 | 1 | TQ2 | F1 | | 38B | | |
| 01674 | | XA517 | 78 | | | | | | | | | | TS2890 | 03 | TREN3A | 01 | 2 | TQ2 | F4 | | 38A | | |
| 05671 | | XA517 | 79 | | | XA515 | 70 | | | 16B | 9 | | TSC11B | 18 | TWRG3A | 01 | 2 | TQ2 | F1 | | 39B | | |
| 03415 | | XA517 | 80 | | | | | | | | | | TREN3A | 02 | TREN3A | 00 | 1 | TQ2 | F4 | | 39A | B02 | |
| 06721 | | XA518 | 01 | | | XA518 | 09 | | | 16B | 9 | | TWRT30 | 04 | TWRT7A | 01 | 1 | TT3 | A2 | | 02B | | |
| 00962 | | XA518 | 02 | | | | | | | | | | GND | 01 | | | | TT3 | | | 01B | | |
| 07603 | | XA518 | 03 | | | | | | | | | | TXR3CS | 10 | TWRT7A | 01 | 2 | TT3 | A2 | | 02A | | |
| 06725 | | XA518 | 04 | | | | | | | | | | TWRT6A | 02 | TWRT6A | 00 | 1 | TT3 | A1 | | 04A | | |
| 07183 | | XA518 | 05 | | | XA518 | 13 | | | 16B | 9 | | TXDV1B | 38 | TWRT7A | 01 | 3 | TT3 | A2 | | 03B | | |
| 06720 | | XA518 | 06 | | | XA518 | 01 | | | 16B | 9 | | TWRT30 | 03 | TWRT6A | 01 | 1 | TT3 | A1 | | 05A | | |
| 06727 | | XA518 | 07 | | | | | | | | | | TWRT7A | 02 | TWRT7A | 00 | 1 | TT3 | A2 | | 03A | | |
| 07579 | | XA518 | 08 | | | XA528 | 77 | | | 16B | 9 | | TXR2CS | 01 | TWRT6A | 01 | 2 | TT3 | A1 | | 06A | | |
| 06722 | | XA518 | 09 | | | XA518 | 22 | | | 16B | 9 | | TWRT30 | 05 | UWRT8A | 01 | 1 | TT3 | A3 | | 04B | B08 | |
| 07185 | | XA518 | 10 | | | XA518 | 26 | | | 16B | 9 | | TXDV1B | 40 | TWR76A | 01 | 3 | TT3 | A1 | | 07A | | |
| 07578 | | XA518 | 11 | | | | | | | | | | TXR2CR | 07 | UWRT8A | 01 | 2 | TT3 | A3 | | 05B | B08 | |
| 00189 | | XA518 | 12 | | | | | | | | | | +5V | 01 | | | | TT3 | | | | | |
| 07184 | | XA518 | 13 | | | XA518 | 10 | | | 16B | 9 | | TXDV1B | 39 | UWRT8A | 01 | 3 | TT3 | A3 | | 06B | B08 | |
| 04095 | | XA518 | 14 | | | | | | | | | | TDRSCA | 02 | TDRS00 | 01 | 1 | TT3 | B2 | | 09A | | |
| 06728 | | XA518 | 15 | | | XA517 | 03 | | | 16B | 9 | | UWRT8A | 01 | UWRT8A | 00 | 1 | TT3 | A3 | | 07B | B08 | |
| 00963 | | XA518 | 16 | | | | | | | | | | GND | 01 | | | | TT3 | | | 21B | | |
| 07988 | | XA518 | 17 | | | XA432 | 14 | | | 16B | 9 | | TXODRA | 01 | TDRS00 | 01 | 2 | TT3 | B2 | | 08B | | |
| 07457 | | XA518 | 18 | | | XA518 | 42 | | | 16B | 9 | | TXRS2B | 22 | TDRS00 | 01 | 3 | TT3 | B2 | | 10A | B02 | |
| CONNECTOR | | XA518 | CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | | |

H78-14 1391

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA518
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 377

| RECORD NUMBER | PREFIX | CONNECTOR | PIN | SH FTG | PREFIX | CONNECTOR | PIN | SH FTG | MULTI GROUP | CODE | COLOR | IDENT | SPEC INCS MISC | SIGNAL | SEQ NO | EQUATION | TERM TYPE | FACT | CAI OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|-------|----------------|---------|--------|----------|-----------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| 04102 | | XA518 | 19 | | | XA520 | 53 | | | 168 | 9 | | | TDRS00 | 02 | TDRS00 | 00 | 1 | TT3 | B2 | | 09B | | |
| 06730 | | XA518 | 20 | | | XA517 | 11 | | | 168 | 9 | | | UWRT9A | 01 | UWRT9A | 00 | 1 | TT3 | B1 | | 11A | | B08 |
| 06090 | | XA518 | 21 | | | | | | | | | | | TTRSCA | 02 | TTRS00 | 01 | 1 | TT3 | B3 | | 10B | | |
| 06723 | | XA518 | 22 | | | | | | | | | | | TWRT30 | 06 | UWRT9A | 01 | 1 | TT3 | B1 | | 12A | | B08 |
| 05088 | | XA518 | 23 | | | XA517 | 72 | | | 168 | 9 | | | TREN0S | 03 | TTRS00 | 01 | 2 | TT3 | B3 | | 11B | | |
| 07588 | | XA518 | 24 | | | XA428 | 59 | | | 168 | 9 | | | TXR3CR | 01 | UWRT9A | 01 | 2 | TT3 | B1 | | 13A | | B08 |
| 07458 | | XA518 | 25 | | | | | | | 168 | 9 | | | TWRIE P | 06 | TTRS00 | 01 | 3 | TT3 | B3 | | 12B | | B02 |
| 07186 | | XA518 | 26 | | | | | | | | | | | TXDV1B | 41 | UWRT9A | 01 | 3 | TT3 | B1 | | 14A | | B08 |
| 06097 | | XA518 | 27 | | | XA517 | 23 | | | 168 | 9 | | | TTRS00 | 01 | TTRS00 | 00 | 1 | TT3 | B3 | | 13B | | |
| 00190 | | XA518 | 28 | | | | | | | | | | | +5V | 01 | | | | TT3 | | | | | |
| 06368 | | XA518 | 29 | | | XA509 | 33 | | | 168 | 9 | | | TWDDEPR | 02 | TWDDEA | 01 | 1 | TT3 | C2 | | 14B | | |
| 03942 | | XA518 | 30 | | | XA527 | 50 | | | 168 | 9 | | | TC70SQ | 04 | TWDDEA | 01 | 2 | TT3 | C2 | | 15A | | |
| 06366 | | XA518 | 31 | | | | | | | | | | | TWDDEA | 03 | TWDDEA | 00 | 1 | TT3 | C2 | | 15B | | |
| 00964 | | XA518 | 32 | | | | | | | | | | | GND | 01 | | | | TT3 | | | 27A | | |
| 06617 | | XA518 | 33 | | | XA510 | 52 | | | 168 | 9 | | | TWRI1S | 01 | TWRI4A | 01 | 1 | TT3 | C3 | | 16B | | |
| 03960 | | XA518 | 34 | | | XA416 | 45 | | | 168 | 9 | | | TC73BP | 05 | TWDDEA | 01 | 3 | TT3 | C2 | | 16A | | |
| 03811 | | XA518 | 35 | | | XA520 | 21 | | | 168 | 9 | | | TCZR70 | 03 | TWRI4A | 01 | 2 | TT3 | C3 | | 17B | | |
| 04615 | | XA518 | 36 | | | XA521 | 48 | | | 168 | 9 | | | TLCCOR | 03 | TLCCOR | 00 | 1 | TT3 | C1 | | 17A | | |
| 05667 | | XA518 | 37 | | | XA518 | 49 | | | 168 | 9 | | | TSCL1B | 14 | TWRI4A | 01 | 3 | TT3 | C3 | | 18B | | |
| 04617 | | XA518 | 38 | | | XA517 | 45 | | | 168 | 9 | | | TLCCOS | 01 | TLCCOR | 01 | 1 | TT3 | C1 | | 18A | | |
| 06646 | | XA518 | 39 | | | XA511 | 70 | | | 168 | 9 | | | TWRI4A | 01 | TWRI4A | 00 | 1 | TT3 | C3 | | 19B | | |
| 04622 | | XA518 | 40 | | | XA512 | 27 | | | 168 | 9 | | | TLCC1A | 02 | TLCCOR | 01 | 2 | TT3 | C1 | | 19A | | |
| 04629 | | XA518 | 41 | | | XA524 | 57 | | | 168 | 9 | | | TLCC1S | 03 | TLCC4A | 01 | 1 | TT3 | D2 | | 22B | | |
| 07459 | | XA518 | 42 | | | XA510 | 49 | | | 168 | 9 | | | TXRS2B | 24 | TLCCOR | 01 | 3 | TT3 | C1 | | 20A | | |
| 04650 | | XA518 | 43 | | | XA512 | 55 | | | 168 | 9 | | | TLCC4A | 01 | TLCC4A | 00 | 1 | TT3 | D2 | | 23B | | |
| 00965 | | XA518 | 44 | | | | | | | | | | | GND | 01 | | | | TT3 | | | 40A | | |
| 04640 | | XA518 | 45 | | | XA524 | 77 | | | 168 | 9 | | | TLCC2S | 03 | TLCC6A | 01 | 1 | TT3 | D3 | | 24B | | |
| 03810 | | XA518 | 46 | | | XA518 | 35 | | | 168 | 9 | | | TCZR70 | 02 | TLCC4A | 01 | 2 | TT3 | D2 | | 21A | | |
| 08074 | | XA518 | 47 | | | XA523 | 69 | | | 168 | 9 | | | T399U0 | 005 | TLCC6A | 01 | 2 | TT3 | D3 | | 25B | | B05 |
| 05669 | | XA518 | 48 | | | XA518 | 56 | | | 168 | 9 | | | TSCL1B | 16 | TLCC4A | 01 | 3 | TT3 | D2 | | 22A | | |
| 05668 | | XA518 | 49 | | | XA518 | 48 | | | 168 | 9 | | | TSCL1B | 15 | TLCC6A | 01 | 3 | TT3 | D3 | | 26B | | |
| 04704 | | XA518 | 50 | | | XA516 | 48 | | | 168 | 9 | | | TLRCCA | 01 | TLRCCA | 00 | 1 | TT3 | D1 | | 23A | | |
| 04653 | | XA518 | 51 | | | | | | | | | | | TLCC6A | 02 | TLCC6A | 00 | 1 | TT3 | D3 | | 27B | | |
| 04707 | | XA518 | 52 | | | | | | | | | | | TLRCCA | 02 | TLRCCA | 01 | 1 | TT3 | D1 | | 24A | | |
| 06588 | | XA518 | 53 | | | XA512 | 71 | | | 168 | 9 | | | TWRI TQ | 03 | UW4BCA | 01 | 1 | TT3 | E2 | | 28B | | B02 |
| 05834 | | XA518 | 54 | | | XA524 | 37 | | | 168 | 9 | | | TSNG1S | 06 | TLRCCA | 01 | 2 | TT3 | D1 | | 25A | | |
| 04805 | | XA518 | 55 | | | | | | | | | | | UW4BCA | 03 | UW4BCA | 00 | 1 | TT3 | E2 | | 29B | | B05 |
| 05670 | | XA518 | 56 | | | XA517 | 79 | | | 168 | 9 | | | TSCL1B | 17 | TLRCCA | 01 | 3 | TT3 | D1 | | 26A | | |
| 04599 | | XA518 | 57 | | | | | | | | | | | TLAD2R | 02 | TLAD2S | 01 | 1 | TT3 | E3 | | 30B | | |
| 00966 | | XA518 | 58 | | | | | | | | | | | GND | 01 | | | | TT3 | | | 40B | | |
| 04595 | | XA518 | 59 | | | XA509 | 50 | | | 168 | 9 | | | TLAD2A | 01 | TLAD2S | 01 | 2 | TT3 | E3 | | 31B | | |
| 06546 | | XA518 | 60 | | | XA512 | 64 | | | 168 | 9 | | | TWRC1S | 05 | UW4BCA | 01 | 2 | TT3 | E2 | | 28A | | B05 |
| 07435 | | XA518 | 61 | | | XA518 | 70 | | | 168 | 9 | | | TXRS1B | 32 | TLAD2S | 01 | 3 | TT3 | E3 | | 32B | | |
| 08104 | | XA518 | 62 | | | XA524 | 79 | | | 168 | 9 | | | TXGN2A | 03 | UW4BCA | 01 | 3 | TT3 | E2 | | 29A | | B05 |
| 04600 | | XA518 | 63 | | | XA502 | 36 | | | 168 | 9 | | | TLAD2S | 01 | TLAD2S | 00 | 1 | TT3 | E3 | | 33B | LOOK AHEAD DELAY C | |
| 05085 | | XA518 | 64 | | | | | | | | | | | TRENOR | 02 | TRENOR | 00 | 1 | TT3 | E1 | | 30A | | |
| 05884 | | XA518 | 65 | | | XA508 | 24 | | | 168 | 9 | | | TSPNIS | 02 | TREN2A | 01 | 1 | TT3 | F2 | | 34B | | B05 |
| 05090 | | XA518 | 66 | | | XA543 | 54 | | | 168 | 9 | | | TRENOS | 05 | TRENOR | 01 | 1 | TT3 | E1 | | 31A | | |
| 00967 | | XA518 | 67 | | | | | | | | | | | GND | 01 | | | | TT3 | | | | | |
| 04578 | | XA518 | 68 | | | XA510 | 65 | | | 168 | 9 | | | TLADOR | 01 | TRENOR | 01 | 2 | TT3 | E1 | | 32A | | |
| CONNECTOR XA518 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1392

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA518
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 378

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------------|------|-------|--------|--------|----------|--------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 04668 | XA519 | 37 | | XA519 | 31 | | | 168 | 9 | | TLPT1A | 08 | TBCP30 | 01 | 2 | TQ2 | C4 | 18B | | |
| 03440 | XA519 | 38 | | XA533 | 30 | | | 168 | 9 | | TBCP00 | 01 | TBCP00 | 00 | 1 | TQ2 | C1 | 18A | BUFFER REG CLOCK B | |
| 03455 | XA519 | 39 | | XA534 | 30 | | | 168 | 9 | | TBCP30 | 01 | TBCP30 | 00 | 1 | TQ2 | C4 | 19B | | |
| 05410 | XA519 | 40 | | XA519 | 41 | | | 168 | 9 | | TRWCOA | 05 | TBCP00 | 01 | 1 | TQ2 | C1 | 19A | | |
| 05411 | XA519 | 41 | | XA519 | 47 | | | 168 | 9 | | TRWCOA | 06 | TBCP60 | 01 | 1 | TQ2 | D3 | 22B | | |
| 04666 | XA519 | 42 | | XA519 | 36 | | | 168 | 9 | | TLPT1A | 06 | TBCP00 | 01 | 2 | TQ2 | C1 | 20A | | |
| 04665 | XA519 | 43 | | XA519 | 42 | | | 168 | 9 | | TLPT1A | 05 | TBCP60 | 01 | 2 | TQ2 | D3 | 23B | | |
| 00971 | XA519 | 44 | | | | | | | | | GND | 01 | | | | TQ2 | | 21B | | |
| 03470 | XA519 | 45 | | XA535 | 56 | | | 168 | 9 | | TBCP60 | 01 | TBCP60 | 00 | 1 | TQ2 | D3 | 24B | | |
| 03465 | XA519 | 46 | | XA535 | 26 | | | 168 | 9 | | TBCP50 | 01 | TBCP50 | 00 | 1 | TQ2 | D2 | 21A | | |
| 05412 | XA519 | 47 | | XA519 | 48 | | | 168 | 9 | | TRWCOA | 07 | TBCP70 | 01 | 1 | TQ2 | D4 | 25B | | |
| 05413 | XA519 | 48 | | XA519 | 54 | | | 168 | 9 | | TRWCOA | 08 | TBCP50 | 01 | 1 | TQ2 | D2 | 22A | | |
| 04664 | XA519 | 49 | | XA519 | 43 | | | 168 | 9 | | TLPT1A | 04 | TBCP70 | 01 | 2 | TQ2 | D4 | 26B | | |
| 04663 | XA519 | 50 | | XA519 | 49 | | | 168 | 9 | | TLPT1A | 03 | TBCP50 | 01 | 2 | TQ2 | D2 | 23A | | |
| 03479 | XA519 | 51 | | | | | | | | | TBCP70 | 05 | TBCP70 | 00 | 1 | TQ2 | D4 | 27B | BUFFER REG CLOCK B | |
| 03464 | XA519 | 52 | | | | | | | | | TBCP40 | 05 | TBCP40 | 00 | 1 | TQ2 | D1 | 24A | | |
| 05238 | XA519 | 53 | | | | | | | | | TRRCOA | 09 | TRCP20 | 01 | 1 | TQ2 | E3 | 28B | | |
| 05414 | XA519 | 54 | | | | | | | | | TRWCOA | 09 | TBCP40 | 01 | 1 | TQ2 | D1 | 25A | | |
| 04690 | XA519 | 55 | | XA415 | 72 | | | 168 | 9 | | TLPT5A | 08 | TRCP20 | 01 | 2 | TQ2 | E3 | 29B | | |
| 04662 | XA519 | 56 | | XA519 | 50 | | | 168 | 9 | | TLPT1A | 02 | TBCP40 | 01 | 2 | TQ2 | D1 | 26A | | |
| 04940 | XA519 | 57 | | | | | | | | | TRCP20 | 05 | TRCP20 | 00 | 1 | TQ2 | E3 | 30B | | |
| 00972 | XA519 | 58 | | | | | | | | | GND | 01 | | | | TQ2 | | 27A | | |
| 05237 | XA519 | 59 | | XA519 | 53 | | | 168 | 9 | | TRRCOA | 08 | TRCP30 | 01 | 1 | TQ2 | E4 | 31B | | |
| 04931 | XA519 | 60 | | XA531 | 26 | | | 168 | 9 | | TRCP10 | 01 | TRCP10 | 00 | 1 | TQ2 | E2 | 28A | | |
| 04689 | XA519 | 61 | | XA519 | 55 | | | 168 | 9 | | TLPT5A | 07 | TRCP30 | 01 | 2 | TQ2 | E4 | 32B | | |
| 05235 | XA519 | 62 | | XA521 | 59 | | | 168 | 9 | | TRRCOA | 06 | TRCP10 | 01 | 1 | TQ2 | E2 | 29A | | |
| 04941 | XA519 | 63 | | XA531 | 60 | | | 168 | 9 | | TRCP30 | 01 | TRCP30 | 00 | 1 | TQ2 | E4 | 33B | | |
| 04688 | XA519 | 64 | | XA519 | 61 | | | 168 | 9 | | TLPT5A | 06 | TRCP10 | 01 | 2 | TQ2 | E2 | 30A | | |
| 05233 | XA519 | 65 | | XA519 | 68 | | | 168 | 9 | | TRRCOA | 04 | TRCP60 | 01 | 1 | TQ2 | F3 | 34B | | |
| 04930 | XA519 | 66 | | | | | | | | | TRCP00 | 05 | TRCP00 | 00 | 1 | TQ2 | F1 | 31A | OUTPUT DATA REG CI | |
| 00973 | XA519 | 67 | | | | | | | | | GND | 01 | | | | TQ2 | | 40A | | |
| 05234 | XA519 | 68 | | XA519 | 62 | | | 168 | 9 | | TRRCOA | 05 | TRCP00 | 01 | 1 | TQ2 | F1 | 32A | | |
| 04960 | XA519 | 69 | | | | | | | | | TRCP60 | 05 | TRCP60 | 00 | 1 | TQ2 | F3 | 35A | | |
| 04687 | XA519 | 70 | | XA519 | 64 | | | 168 | 9 | | TLPT5A | 05 | TRCP00 | 01 | 2 | TQ2 | E1 | 33A | | |
| 05232 | XA519 | 71 | | XA519 | 65 | | | 168 | 9 | | TRRCOA | 03 | TRCP50 | 01 | 1 | TQ2 | F2 | 36A | | |
| 04955 | XA519 | 72 | | | | | | | | | TRCP50 | 05 | TRCP50 | 00 | 1 | TQ2 | F2 | 34A | | |
| 04685 | XA519 | 73 | | XA519 | 74 | | | 168 | 9 | | TLPT5A | 03 | TRCP50 | 01 | 2 | TQ2 | F2 | 36B | | |
| 04686 | XA519 | 74 | | XA519 | 70 | | | 168 | 9 | | TLPT5A | 04 | TRCP60 | 01 | 2 | TQ2 | E3 | 35B | | |
| 04950 | XA519 | 75 | | | | | | | | | TRCP40 | 05 | TRCP40 | 00 | 1 | TQ2 | F1 | 37B | | |
| 05230 | XA519 | 76 | | XA519 | 77 | | | 168 | 9 | | TRRCOA | 01 | TRCP70 | 01 | 1 | TQ2 | F4 | 37A | | |
| 05231 | XA519 | 77 | | XA519 | 71 | | | 168 | 9 | | TRRCOA | 02 | TRCP40 | 01 | 1 | TQ2 | F1 | 38B | | |
| 04683 | XA519 | 78 | | XA519 | 79 | | | 168 | 9 | | TLPT5A | 01 | TRCP70 | 01 | 2 | TQ2 | F4 | 38A | | |
| 04684 | XA519 | 79 | | XA519 | 73 | | | 168 | 9 | | TLPT5A | 02 | TRCP40 | 01 | 2 | TQ2 | F1 | 39B | | |
| 04965 | XA519 | 80 | | | | | | | | | TRCP70 | 05 | TRCP70 | 00 | 1 | TQ2 | F4 | 39A | OUTPUT DATA REG CI | |
| 08061 | XA520 | 01 | | XA524 | 53 | | | 168 | 9 | | T030M0 | 01 | T030M0 | 00 | 1 | TQ2 | A2 | 02B | C04 | |
| 00974 | XA520 | 02 | | | | | | | | | GND | 01 | | | | TQ2 | | 01A | | |
| 08069 | XA520 | 03 | | | | | | | | | T033MA | 02 | T033M0 | 01 | 1 | TQ2 | A3 | 02A | C03 | |
| 08059 | XA520 | 04 | | | | | | | | | T030MA | 02 | T030M0 | 01 | 1 | TQ2 | A2 | 04A | B05 | |
| CONNECTOR XA520 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

H78-14 1393

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA519
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 379

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SFC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|--|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|-------|---------------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DR FTG | PREFIX | CONNECTOR | PIN | DR FTG | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | |
| 04668 | | XA519 | 37 | | XA519 | 31 | | | | 168 | 9 | | TLPT1A | 08 | TBCP30 | 01 | 2 | TQ2 | C4 | | 18B | | | |
| 03440 | | XA519 | 38 | | XA533 | 30 | | | | 168 | 9 | | TBCP00 | 01 | TBCP00 | 00 | 1 | TQ2 | C1 | | 18A | BUFFER REG CLOCK B | | |
| 03455 | | XA519 | 39 | | XA534 | 30 | | | | 168 | 9 | | TBCP30 | 01 | TBCP30 | 00 | 1 | TQ2 | C4 | | 19B | | | |
| 05410 | | XA519 | 40 | | XA519 | 41 | | | | 168 | 9 | | TRWCOA | 05 | TBCP00 | 01 | 1 | TQ2 | C1 | | 19A | | | |
| 05411 | | XA519 | 41 | | XA519 | 47 | | | | 168 | 9 | | TRWCOA | 06 | TBCP60 | 01 | 1 | TQ2 | D3 | | 22B | | | |
| 04666 | | XA519 | 42 | | XA519 | 36 | | | | 168 | 9 | | TLPT1A | 06 | TBCP00 | 01 | 2 | TQ2 | C1 | | 20A | | | |
| 04665 | | XA519 | 43 | | XA519 | 42 | | | | 168 | 9 | | TLPT1A | 05 | TBCP60 | 01 | 2 | TQ2 | D3 | | 23B | | | |
| 00971 | | XA519 | 44 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 21B | | | |
| 03470 | | XA519 | 45 | | XA535 | 56 | | | | 168 | 9 | | TBCP60 | 01 | TBCP60 | 00 | 1 | TQ2 | D3 | | 24B | | | |
| 03465 | | XA519 | 46 | | XA535 | 26 | | | | 168 | 9 | | TBCP50 | 01 | TBCP50 | 00 | 1 | TQ2 | D2 | | 21A | | | |
| 05412 | | XA519 | 47 | | XA519 | 48 | | | | 168 | 9 | | TRWCOA | 07 | TBCP70 | 01 | 1 | TQ2 | D4 | | 25B | | | |
| 05413 | | XA519 | 48 | | XA519 | 54 | | | | 168 | 9 | | TRWCOA | 08 | TBCP50 | 01 | 1 | TQ2 | D2 | | 22A | | | |
| 04664 | | XA519 | 49 | | XA519 | 43 | | | | 168 | 9 | | TLPT1A | 04 | TBCP70 | 01 | 2 | TQ2 | D4 | | 26B | | | |
| 04663 | | XA519 | 50 | | XA519 | 49 | | | | 168 | 9 | | TLPT1A | 03 | TBCP50 | 01 | 2 | TQ2 | D2 | | 23A | | | |
| 03479 | | XA519 | 51 | | | | | | | | | | TBCP70 | 05 | TBCP70 | 00 | 1 | TQ2 | D4 | | 27B | BUFFER REG CLOCK B | | |
| 03464 | | XA519 | 52 | | | | | | | | | | TBCP40 | 05 | TBCP40 | 00 | 1 | TQ2 | D1 | | 24A | | | |
| 05238 | | XA519 | 53 | | | | | | | | | | TRRCOA | 09 | TRCP20 | 01 | 1 | TQ2 | E3 | | 28B | | | |
| 05414 | | XA519 | 54 | | | | | | | | | | TRWCOA | 09 | TBCP40 | 01 | 1 | TQ2 | D1 | | 25A | | | |
| 04690 | | XA519 | 55 | | XA415 | 72 | | | | 168 | 9 | | TLPT5A | 08 | TRCP20 | 01 | 2 | TQ2 | E3 | | 29B | | | |
| 04662 | | XA519 | 56 | | XA519 | 50 | | | | 168 | 9 | | TLPT1A | 02 | TBCP40 | 01 | 2 | TQ2 | D1 | | 26A | | | |
| 04940 | | XA519 | 57 | | | | | | | | | | TRCP20 | 05 | TRCP20 | 00 | 1 | TQ2 | E3 | | 30B | | | |
| 00972 | | XA519 | 58 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 27A | | | |
| 05237 | | XA519 | 59 | | XA519 | 53 | | | | 168 | 9 | | TRRCOA | 08 | TRCP30 | 01 | 1 | TQ2 | E4 | | 31B | | | |
| 04931 | | XA519 | 60 | | XA531 | 26 | | | | 168 | 9 | | TRCP10 | 01 | TRCP10 | 00 | 1 | TQ2 | E2 | | 28A | | | |
| 04689 | | XA519 | 61 | | XA519 | 55 | | | | 168 | 9 | | TLPT5A | 07 | TRCP30 | 01 | 2 | TQ2 | E4 | | 32B | | | |
| 05235 | | XA519 | 62 | | XA521 | 59 | | | | 168 | 9 | | TRRCOA | 06 | TRCP10 | 01 | 1 | TQ2 | E2 | | 29A | | | |
| 04941 | | XA519 | 63 | | XA531 | 60 | | | | 168 | 9 | | TRCP30 | 01 | TRCP30 | 00 | 1 | TQ2 | E4 | | 33B | | | |
| 04688 | | XA519 | 64 | | XA519 | 61 | | | | 168 | 9 | | TLPT5A | 06 | TRCP10 | 01 | 2 | TQ2 | E2 | | 30A | | | |
| 05233 | | XA519 | 65 | | XA519 | 68 | | | | 168 | 9 | | TRRCOA | 04 | TRCP60 | 01 | 1 | TQ2 | F3 | | 34B | | | |
| 04930 | | XA519 | 66 | | | | | | | | | | TRCP00 | 05 | TRCP00 | 00 | 1 | TQ2 | F1 | | 31A | OUTPUT DATA REG C1 | | |
| 00973 | | XA519 | 67 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 40A | | | |
| 05234 | | XA519 | 68 | | XA519 | 62 | | | | 168 | 9 | | TRRCOA | 05 | TRCP00 | 01 | 1 | TQ2 | F1 | | 32A | | | |
| 04960 | | XA519 | 69 | | | | | | | | | | TRCP60 | 05 | TRCP60 | 00 | 1 | TQ2 | F3 | | 35A | | | |
| 04687 | | XA519 | 70 | | XA519 | 64 | | | | 168 | 9 | | TLPT5A | 05 | TRCP00 | 01 | 2 | TQ2 | E1 | | 33A | | | |
| 05232 | | XA519 | 71 | | XA519 | 65 | | | | 168 | 9 | | TRRCOA | 03 | TRCP50 | 01 | 1 | TQ2 | F2 | | 36A | | | |
| 04955 | | XA519 | 72 | | | | | | | | | | TRCP50 | 05 | TRCP50 | 00 | 1 | TQ2 | F2 | | 34A | | | |
| 04685 | | XA519 | 73 | | XA519 | 74 | | | | 168 | 9 | | TLPT5A | 03 | TRCP50 | 01 | 2 | TQ2 | F2 | | 36B | | | |
| 04686 | | XA519 | 74 | | XA519 | 70 | | | | 168 | 9 | | TLPT5A | 04 | TRCP60 | 01 | 2 | TQ2 | F3 | | 35B | | | |
| 04950 | | XA519 | 75 | | | | | | | | | | TRCP40 | 05 | TRCP40 | 00 | 1 | TQ2 | F1 | | 37B | | | |
| 05230 | | XA519 | 76 | | XA519 | 77 | | | | 168 | 9 | | TRRCOA | 01 | TRCP70 | 01 | 1 | TQ2 | F4 | | 37A | | | |
| 05231 | | XA519 | 77 | | XA519 | 71 | | | | 168 | 9 | | TRRCOA | 02 | TRCP40 | 01 | 1 | TQ2 | F1 | | 38B | | | |
| 04683 | | XA519 | 78 | | XA519 | 79 | | | | 168 | 9 | | TLPT5A | 01 | TRCP70 | 01 | 2 | TQ2 | F4 | | 38A | | | |
| 04684 | | XA519 | 79 | | XA519 | 73 | | | | 168 | 9 | | TLPT5A | 02 | TRCP40 | 01 | 2 | TQ2 | F1 | | 39B | | | |
| 04965 | | XA519 | 80 | | | | | | | | | | TRCP70 | 05 | TRCP70 | 00 | 1 | TQ2 | F4 | | 39A | OUTPUT DATA REG C1 | | |
| 08061 | | XA520 | 01 | | XA524 | 53 | | | | 168 | 9 | | T030M0 | 01 | T030M0 | 00 | 1 | TQ2 | A2 | | 02B | | C04 | |
| 00974 | | XA520 | 02 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01A | | | |
| 08069 | | XA520 | 03 | | | | | | | | | | T033MA | 02 | T033M0 | 01 | 1 | TQ2 | A3 | | 02A | | C03 | |
| 08059 | | XA520 | 04 | | | | | | | | | | T030MA | 02 | T030M0 | 01 | 1 | TQ2 | A2 | | 04A | | B05 | |
| CONNECTOR XA520 CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1394

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA520
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 380

| RECORD NUMBER | FROM | | | DRFC | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|------|--------|-----------|-----|------|-------------|------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | DRFC | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 01766 | | XA520 | 05 | | XA520 | 07 | | | 168 | 9 | | SPI021 | 31 | T030M0 | 01 | 2 | T02 | A2 | | 03B | R05 | |
| 08040 | | XA520 | 06 | | | | | | | | | T003M0 | 02 | T003M0 | 00 | 1 | T02 | A1 | | 05A | | |
| 01767 | | XA520 | 07 | | XA520 | 10 | | | 168 | 9 | | SPI021 | 32 | T033M0 | 01 | 2 | T02 | A3 | | 03A | C03 | |
| 08038 | | XA520 | 08 | | | | | | | | | T003MA | 02 | T003M0 | 01 | 1 | T02 | A1 | | 06A | | |
| 08071 | | XA520 | 09 | | XA409 | 47 | | | 168 | 9 | | T033M0 | 01 | T033M0 | 00 | 1 | T02 | A3 | | 04B | C03 | |
| 01768 | | XA520 | 10 | | XA442 | 75 | | | 168 | 9 | | SPI021 | 33 | T003M0 | 01 | 2 | T02 | A1 | | 07A | | |
| 08093 | | XA520 | 11 | | | | | | | | | T200MA | 02 | T200M0 | 01 | 1 | T02 | A4 | | 05B | R05 | |
| 00193 | | XA520 | 12 | | | | | | | | | +5V | 01 | | | | | | | | | |
| 01765 | | XA520 | 13 | | XA520 | 05 | | | 168 | 9 | | SPI021 | 30 | T200M0 | 01 | 2 | T02 | A4 | | 06B | R05 | |
| 08051 | | XA520 | 14 | | XA508 | 25 | | | 168 | 9 | | T080U0 | 02 | T080U0 | 00 | 1 | T02 | B2 | | 09A | R05 | |
| 08096 | | XA520 | 15 | | XA407 | 48 | | | 168 | 9 | | T200M0 | 02 | T200M0 | 00 | 1 | T02 | A4 | | 07B | R05 | |
| 00975 | | XA520 | 16 | | | | | | | | | GND | 01 | | | | | | | 01B | | |
| 03807 | | XA520 | 17 | | XA521 | 11 | | | 168 | 9 | | TCZR7A | 01 | TCZR70 | 01 | 1 | T02 | B3 | | 08B | | |
| 08049 | | XA520 | 18 | | | | | | | | | T080UA | 02 | T080U0 | 01 | 1 | T02 | B2 | | 10A | R05 | |
| 01764 | | XA520 | 19 | | XA520 | 13 | | | 168 | 9 | | SPI021 | 29 | TCZR70 | 01 | 2 | T02 | B3 | | 09B | | |
| 01763 | | XA520 | 20 | | XA520 | 19 | | | 168 | 9 | | SPI021 | 28 | T080U0 | 01 | 2 | T02 | B2 | | 11A | R05 | |
| 03812 | | XA520 | 21 | | | | | | | | | TCZR70 | 04 | TCZR70 | 00 | 1 | T02 | B3 | | 10B | | |
| 08110 | | XA520 | 22 | | XA510 | 24 | | | 168 | 9 | | T002M0 | 01 | T002M0 | 00 | 1 | T02 | B1 | | 12A | C03 | |
| 05396 | | XA520 | 23 | | | | | | | | | TRUNCA | 02 | TRUNCO | 01 | 1 | T02 | B4 | | 11B | | |
| 08108 | | XA520 | 24 | | | | | | | | | T002MA | 02 | T002M0 | 01 | 1 | T02 | B1 | | 13A | C03 | |
| 01761 | | XA520 | 25 | | XA520 | 20 | | | 168 | 9 | | SPI021 | 26 | TRUNCO | 01 | 2 | T02 | B4 | | 12B | | |
| 01762 | | XA520 | 26 | | XA514 | 72 | | | 168 | 9 | | SPI013 | 115 | T002M0 | 01 | 2 | T02 | B1 | | 14A | C03 | |
| 05400 | | XA520 | 27 | | XA506 | 61 | | | 168 | 9 | | TRUNCO | 01 | TRUNCO | 00 | 1 | T02 | B4 | | 13B | | |
| 00194 | | XA520 | 28 | | | | | | | | | +5V | 01 | | | | | | | | | |
| 07218 | | XA520 | 29 | | XA429 | 33 | | | 168 | 9 | | TXED1A | 02 | TDCP20 | 01 | 1 | T02 | C3 | | 14B | | |
| 04033 | | XA520 | 30 | | XA528 | 30 | | | 168 | 9 | | TDCP10 | 01 | TDCP10 | 00 | 1 | T02 | C2 | | 15A | | |
| 07994 | | XA520 | 31 | | XA520 | 37 | | | 168 | 9 | | TX001A | 02 | TDCP20 | 01 | 2 | T02 | C3 | | 15B | | |
| 00976 | | XA520 | 32 | | | | | | | | | GND | 01 | | | | | | | 20B | | |
| 04042 | | XA520 | 33 | | | | | | | | | TDCP20 | 05 | TDCP20 | 00 | 1 | T02 | C3 | | 16B | | |
| 07215 | | XA520 | 34 | | XA429 | 35 | | | 168 | 9 | | TXED0A | 02 | TDCP10 | 01 | 1 | T02 | C2 | | 16A | | |
| 07217 | | XA520 | 35 | | XA520 | 29 | | | 168 | 9 | | TXED1A | 01 | TDCP30 | 01 | 1 | T02 | C4 | | 17B | | |
| 07991 | | XA520 | 36 | | XA430 | 36 | | | 168 | 9 | | TX000A | 02 | TDCP10 | 01 | 2 | T02 | C2 | | 17A | | |
| 07995 | | XA520 | 37 | | | | | | | | | TX001A | 03 | TDCP30 | 01 | 2 | T02 | C4 | | 18B | | |
| 04032 | | XA520 | 38 | | | | | | | | | TDCP00 | 05 | TDCP00 | 00 | 1 | T02 | C1 | | 18A | INPUT DATA REG CLK | |
| 04047 | | XA520 | 39 | | | | | | | | | TDCP30 | 05 | TDCP30 | 00 | 1 | T02 | C4 | | 19B | | |
| 07214 | | XA520 | 40 | | XA520 | 34 | | | 168 | 9 | | TXED0A | 01 | TDCP00 | 01 | 1 | T02 | C1 | | 19A | | |
| 07224 | | XA520 | 41 | | XA520 | 47 | | | 168 | 9 | | TXED3A | 02 | TDCP60 | 01 | 1 | T02 | D3 | | 22B | | |
| 07990 | | XA520 | 42 | | XA520 | 36 | | | 168 | 9 | | TX000A | 01 | TDCP00 | 01 | 2 | T02 | C1 | | 20A | | |
| 08003 | | XA520 | 43 | | XA520 | 49 | | | 168 | 9 | | TX003A | 05 | TDCP60 | 01 | 2 | T02 | D3 | | 23B | | |
| 00977 | | XA520 | 44 | | | | | | | | | GND | 01 | | | | | | | 21B | | |
| 04062 | | XA520 | 45 | | | | | | | | | TDCP60 | 05 | TDCP60 | 00 | 1 | T02 | D3 | | 24B | | |
| 04053 | | XA520 | 46 | | XA529 | 60 | | | 168 | 9 | | TDCP50 | 01 | TDCP50 | 00 | 1 | T02 | D2 | | 21A | | |
| 07225 | | XA520 | 47 | | XA429 | 45 | | | 168 | 9 | | TXED3A | 03 | TDCP70 | 01 | 1 | T02 | D4 | | 25B | | |
| 07221 | | XA520 | 48 | | XA429 | 47 | | | 168 | 9 | | TXED2A | 02 | TDCP50 | 01 | 1 | T02 | D2 | | 22A | | |
| 08004 | | XA520 | 49 | | XA524 | 68 | | | 168 | 9 | | TX003A | 06 | TDCP70 | 01 | 2 | T02 | D4 | | 26B | | |
| 07997 | | XA520 | 50 | | XA430 | 39 | | | 168 | 9 | | TX002A | 02 | TDCP50 | 01 | 2 | T02 | D2 | | 23A | | |
| 04063 | | XA520 | 51 | | XA530 | 56 | | | 168 | 9 | | TDCP70 | 01 | TDCP70 | 00 | 1 | T02 | D4 | | 27B | INPUT DATA REG CLK | |
| 04052 | | XA520 | 52 | | | | | | | | | TDCP40 | 05 | TDCP40 | 00 | 1 | T02 | D1 | | 24A | | |
| 04103 | | XA520 | 53 | | XA520 | 59 | | | 168 | 9 | | TDRS00 | 03 | TDRS2A | 01 | 1 | T02 | E3 | | 28B | | |
| 07220 | | XA520 | 54 | | XA520 | 48 | | | 168 | 9 | | TXED2A | 01 | TDCP40 | 01 | 1 | T02 | D1 | | 25A | | |
| CONNECTOR XA520 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA520
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 381

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|--------|--------|----------|--------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FA | PREFIX | CONNECTOR | PIN | SH FA | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 01799 | | XA520 | 55 | | XA522 | 43 | | | | 168 | 9 | | SPIO22 | 30 | TDRS2A | 01 | 2 | TQ2 | E3 | | 29B | |
| 07996 | | XA520 | 56 | | XA520 | 50 | | | | 168 | 9 | | TXOD2A | 01 | TDCP40 | 01 | 2 | TQ2 | D1 | | 26A | |
| 04115 | | XA520 | 57 | | XA528 | 64 | | | | 168 | 9 | | TDRS2A | 01 | TDRS2A | 00 | 1 | TQ2 | E3 | | 30B | |
| 00978 | | XA520 | 58 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 27A | |
| 04104 | | XA520 | 59 | | XA520 | 62 | | | | 168 | 9 | | TDRS00 | 04 | TDRS3A | 01 | 1 | TQ2 | E4 | | 31B | |
| 04114 | | XA520 | 60 | | | | | | | | | | TDRS1A | 05 | TDRS1A | 00 | 1 | TQ2 | E2 | | 28A | |
| 01798 | | XA520 | 61 | | XA520 | 55 | | | | 168 | 9 | | SPIO22 | 29 | TDRS3A | 01 | 2 | TQ2 | E4 | | 32B | |
| 04105 | | XA520 | 62 | | XA520 | 65 | | | | 168 | 9 | | TDRS00 | 05 | TDRS1A | 01 | 1 | TQ2 | E2 | | 29A | |
| 04124 | | XA520 | 63 | | | | | | | | | | TDRS3A | 05 | TDRS3A | 00 | 1 | TQ2 | E4 | | 33B | |
| 01736 | | XA520 | 64 | | XA516 | 73 | | | | 168 | 9 | | SPIO21 | 01 | TDRS1A | 01 | 2 | TQ2 | E2 | | 30A | |
| 04106 | | XA520 | 65 | | XA520 | 71 | | | | 168 | 9 | | TDRS00 | 06 | TDRS6A | 01 | 1 | TQ2 | F3 | | 34B | |
| 06415 | | XA520 | 66 | | | | | | | | | | TWEN30 | 02 | TWEN30 | 00 | 1 | TQ2 | F1 | | 31A | |
| 00979 | | XA520 | 67 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 40A | |
| 06412 | | XA520 | 68 | | XA524 | 39 | | | | 168 | 9 | | TWEN2A | 01 | TWEN30 | 01 | 1 | TQ2 | E1 | | 32A | |
| 04135 | | XA520 | 69 | | XA530 | 22 | | | | 168 | 9 | | TDRS6A | 01 | TDRS6A | 00 | 1 | TQ2 | F3 | | 35A | |
| 06407 | | XA520 | 70 | | | | | | | | | | TWENOR | 03 | TWEN30 | 01 | 2 | TQ2 | E1 | | 33A | |
| 04107 | | XA520 | 71 | | XA520 | 77 | | | | 168 | 9 | | TDRS00 | 07 | TDRS5A | 01 | 1 | TQ2 | F2 | | 36A | |
| 04134 | | XA520 | 72 | | | | | | | | | | TDRS5A | 05 | TDRS5A | 00 | 1 | TQ2 | F2 | | 34A | |
| 01797 | | XA520 | 73 | | XA520 | 61 | | | | 168 | 9 | | SPIO22 | 28 | TDRS5A | 01 | 2 | TQ2 | F2 | | 36B | |
| 01793 | | XA520 | 74 | | XA520 | 78 | | | | 168 | 9 | | SPIO22 | 24 | TDRS6A | 01 | 2 | TQ2 | F3 | | 35B | |
| 04129 | | XA520 | 75 | | | | | | | | | | TDRS4A | 05 | TDRS4A | 00 | 1 | TQ2 | F1 | | 37B | |
| 04109 | | XA520 | 76 | | | | | | | | | | TDRS00 | 09 | TDRS7A | 01 | 1 | TQ2 | F4 | | 37A | |
| 04108 | | XA520 | 77 | | XA520 | 76 | | | | 168 | 9 | | TDRS00 | 08 | TDRS4A | 01 | 1 | TQ2 | F1 | | 38B | |
| 01794 | | XA520 | 78 | | XA520 | 79 | | | | 168 | 9 | | SPIO22 | 25 | TDRS7A | 01 | 2 | TQ2 | F4 | | 38A | |
| 01796 | | XA520 | 79 | | XA520 | 73 | | | | 168 | 9 | | SPIO22 | 27 | TDRS4A | 01 | 2 | TQ2 | F1 | | 39B | |
| 04144 | | XA520 | 80 | | | | | | | | | | TDRS7A | 05 | TDRS7A | 00 | 1 | TQ2 | F4 | | 39A | |
| 03941 | | XA521 | 01 | | XA518 | 30 | | | | 168 | 9 | | TC708Q | 03 | TCZR7A | 01 | 1 | TS8 | A1 | | 02B | |
| 00980 | | XA521 | 02 | | | | | | | | | | GND | 01 | | | | TS8 | | | 01A | |
| 00476 | | XA521 | 03 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 03970 | | XA521 | 04 | | | | | | | | | | TC748Q | 02 | TCZR7A | 01 | 2 | TS8 | A1 | | 04A | |
| 03977 | | XA521 | 05 | | | | | | | | | | TC808Q | 03 | TCZR7A | 01 | 3 | TS8 | A1 | | 03B | |
| 04009 | | XA521 | 06 | | XA417 | 74 | | | | 168 | 9 | | TC848Q | 01 | TCZR7A | 01 | 4 | TS8 | A1 | | 05A | |
| 04017 | | XA521 | 07 | | XA527 | 43 | | | | 168 | 9 | | TC908Q | 03 | TCZR7A | 01 | 5 | TS8 | A1 | | 03A | |
| 04026 | | XA521 | 08 | | XA414 | 55 | | | | 168 | 9 | | TC918Q | 03 | TCZR7A | 01 | 6 | TS8 | A1 | | 06A | |
| 00477 | | XA521 | 09 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 01771 | | XA521 | 10 | | XA523 | 13 | | | | 168 | 9 | | SPIO22 | 02 | TCZR7A | 01 | 7 | TS8 | A1 | | 07A | |
| 03808 | | XA521 | 11 | | | | | | | | | | TCZR7A | 02 | TCZR7A | 00 | 1 | TS8 | A1 | | 05B | |
| 00195 | | XA521 | 12 | | | | | | | | | | +5V | 01 | | | | TS8 | | | | |
| 01688 | | XA521 | 13 | | XA519 | 24 | | | | 168 | 9 | | SPIO19 | 22 | TCZR7A | 01 | 8 | TS8 | A1 | | 06B | |
| 05062 | | XA521 | 14 | | XA425 | 61 | | | | 168 | 9 | | TREADQ | 03 | TRTOCA | 01 | 1 | TS8 | B1 | | 09A | |
| 00478 | | XA521 | 15 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 00981 | | XA521 | 16 | | | | | | | | | | GND | 01 | | | | TS8 | | | 21B | |
| 00479 | | XA521 | 17 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 08019 | | XA521 | 18 | | XA430 | 77 | | | | 168 | 9 | | TXONL0 | 02 | TRTOCA | 01 | 2 | TS8 | B1 | | 10A | |
| 05099 | | XA521 | 19 | | XA507 | 18 | | | | 168 | 9 | | TREN1S | 03 | TRTOCA | 01 | 3 | TS8 | B1 | | 09B | |
| 04786 | | XA521 | 20 | | XA514 | 31 | | | | 168 | 9 | | TMWCBQ | 01 | TRTOCA | 01 | 4 | TS8 | B1 | | 11A | |
| 00480 | | XA521 | 21 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | |
| 04813 | | XA521 | 22 | | XA526 | 74 | | | | 168 | 9 | | TM028Q | 04 | TRTOCA | 01 | 5 | TS8 | B1 | | 12A | |
| CONNECTOR XA521 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA521
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 382

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO | |
|---------------|--------|-----------|--------------------------------|--------|-----------|-----|---------|-------------|------|-------|-------|--------|--------|----------|------|------|------------------|-------|---------------------|--------------------|--------------------|--------|--|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | WIRE NO | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | |
| 05387 | | XA521 | 23 | | XA505 | 11 | | | 16B | 9 | | TRTOCA | 01 | TRTOCA | 00 | 1 | TS8 | B1 | | 11B | READ COMMAND IOU T | | |
| 04821 | | XA521 | 24 | | XA521 | 52 | | | 16B | 9 | | TM03BQ | 03 | TRTOCA | 01 | 6 | TS8 | B1 | | 13A | | | |
| 04829 | | XA521 | 25 | | XA521 | 54 | | | 16B | 9 | | TM04BP | 02 | TRTOCA | 01 | 7 | TS8 | B1 | | 12B | | | |
| 05732 | | XA521 | 26 | | XA521 | 37 | | | 16B | 9 | | TSCL3B | 15 | TRTOCA | 01 | 8 | TS8 | B1 | | 14A | | | |
| 00481 | | XA521 | 27 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 00196 | | XA521 | 28 | | | | | | | | | +5V | 01 | | | | TS8 | | | | | | |
| 00482 | | XA521 | 29 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 06037 | | XA521 | 30 | | XA526 | 33 | | | 16B | 9 | | TS29CP | 05 | TRWCOA | 01 | 1 | TS8 | C1 | | 15A | | | |
| 04812 | | XA521 | 31 | | XA521 | 22 | | | 16B | 9 | | TM02BQ | 03 | TRWCOA | 01 | 2 | TS8 | C1 | | 15B | | | |
| 00982 | | XA521 | 32 | | | | | | | | | GND | 01 | | | | TS8 | | | 27A | | | |
| 00483 | | XA521 | 33 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 04816 | | XA521 | 34 | | XA514 | 35 | | | 16B | 9 | | TM03BP | 02 | TRWCOA | 01 | 3 | TS8 | C1 | | 16A | | | |
| 05406 | | XA521 | 35 | | XA519 | 29 | | | 16B | 9 | | TRWCOA | 01 | TRWCOA | 00 | 1 | TS8 | C1 | | 17B | WRITE INTO BUFFER | | |
| 04833 | | XA521 | 36 | | XA521 | 64 | | | 16B | 9 | | TM04BQ | 02 | TRWCOA | 01 | 4 | TS8 | C1 | | 17A | | | |
| 05733 | | XA521 | 37 | | XA515 | 50 | | | 16B | 9 | | TSCL3B | 16 | TRWCOA | 01 | 5 | TS8 | C1 | | 18B | | | |
| 01286 | | XA521 | 38 | | XA514 | 04 | | | 16B | 9 | | SPIO03 | 21 | TRWCOA | 01 | 6 | TS8 | C1 | | 18A | | C.03 | |
| 00484 | | XA521 | 39 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 01801 | | XA521 | 40 | | XA523 | 43 | | | 16B | 9 | | SPIO22 | 32 | TRWCOA | 01 | 7 | TS8 | C1 | | 19A | | | |
| 00485 | | XA521 | 41 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 01690 | | XA521 | 42 | | XA521 | 68 | | | 16B | 9 | | SPIO19 | 24 | TRWCOA | 01 | 8 | TS8 | C1 | | 20A | | | |
| 06587 | | XA521 | 43 | | XA518 | 53 | | | 16B | 9 | | TWRTIQ | 02 | TWTOCA | 01 | 1 | TS8 | D1 | | 23B | | | |
| 00983 | | XA521 | 44 | | | | | | | | | GND | 01 | | | | TS8 | | | 40A | | | |
| 00486 | | XA521 | 45 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 08018 | | XA521 | 46 | | XA521 | 18 | | | 16B | 9 | | TXONLO | 01 | TWTOCA | 01 | 2 | TS8 | D1 | | 21A | | | |
| 06735 | | XA521 | 47 | | | | | | | | | TWTOCA | 02 | TWTOCA | 00 | 1 | TS8 | D1 | | 25B | WRITE COMMAND IOU | | |
| 04616 | | XA521 | 48 | | | | | | | | | TLCC0R | 04 | TWTOCA | 01 | 3 | TS8 | D1 | | 22A | | | |
| 04785 | | XA521 | 49 | | | | | | | | | TMWCBP | 05 | TWTOCA | 01 | 4 | TS8 | D1 | | 26B | | | |
| 04806 | | XA521 | 50 | | XA521 | 61 | | | 16B | 9 | | TM02BP | 02 | TWTOCA | 01 | 5 | TS8 | D1 | | 23A | | | |
| 00487 | | XA521 | 51 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 04822 | | XA521 | 52 | | XA526 | 62 | | | 16B | 9 | | TM03BQ | 04 | TWTOCA | 01 | 6 | TS8 | D1 | | 24A | | | |
| 00488 | | XA521 | 53 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 04830 | | XA521 | 54 | | XA526 | 57 | | | 16B | 9 | | TM04BP | 03 | TWTOCA | 01 | 7 | TS8 | D1 | | 25A | | | |
| 06733 | | XA521 | 55 | | | | | | | | | TWTSTP | 02 | TRRCOA | 01 | 1 | TS8 | E1 | | 29B | | | |
| 05724 | | XA521 | 56 | | XA521 | 66 | | | 16B | 9 | | TSCL3B | 07 | TWTOCA | 01 | 8 | TS8 | D1 | | 26A | | | |
| 00489 | | XA521 | 57 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 00984 | | XA521 | 58 | | | | | | | | | GND | 01 | | | | TS8 | | | | | | |
| 05236 | | XA521 | 59 | | XA519 | 59 | | | 16B | 9 | | TRRCOA | 07 | TRRCOA | 00 | 1 | TS8 | E1 | | 31B | TRANSFER BUFFER TO | | |
| 06036 | | XA521 | 60 | | XA521 | 30 | | | 16B | 9 | | TS29CP | 04 | TRRCOA | 01 | 2 | TS8 | E1 | | 28A | | | |
| 04807 | | XA521 | 61 | | XA507 | 61 | | | 16B | 9 | | TM02BP | 03 | TRRCOA | 01 | 3 | TS8 | E1 | | 32B | | | |
| 04815 | | XA521 | 62 | | XA521 | 34 | | | 16B | 9 | | TM03BP | 01 | TRRCOA | 01 | 4 | TS8 | E1 | | 29A | | | |
| 00490 | | XA521 | 63 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 04834 | | XA521 | 64 | | XA515 | 62 | | | 16B | 9 | | TM04BQ | 03 | TRRCOA | 01 | 5 | TS8 | E1 | | 30A | | | |
| 00491 | | XA521 | 65 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 05725 | | XA521 | 66 | | XA522 | 42 | | | 16B | 9 | | TSCL3B | 08 | TRRCOA | 01 | 6 | TS8 | E1 | | 31A | | | |
| 00985 | | XA521 | 67 | | | | | | | | | GND | 01 | | | | TS8 | | | | | | |
| 01691 | | XA521 | 68 | | XA526 | 65 | | | 16B | 9 | | SPIO19 | 25 | TRRCOA | 01 | 7 | TS8 | E1 | | 32A | | | |
| 00492 | | XA521 | 69 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | | |
| 01792 | | XA521 | 70 | | XA520 | 74 | | | 16B | 9 | | SPIO22 | 23 | TRRCOA | 01 | 8 | TS8 | E1 | | 33A | | | |
| 05098 | | XA521 | 71 | | XA521 | 19 | | | 16B | 9 | | TREN1S | 02 | TREN1R | 01 | 1 | TS8 | F1 | | 36A | | | |
| 05092 | | XA521 | 72 | | XA515 | 76 | | | 16B | 9 | | TREN1A | 01 | TREN1R | 01 | 2 | TS8 | F1 | | 34A | | | |
| CONNECTOR | | XA521 | CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | | |

H78-14 1397

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA521
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 383

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH. PO | PREFIX | CONNECTOR | PIN | SH. PO | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 03513 | | XA521 | 73 | | | XA523 | 33 | | | 16B | 9 | | TBOTOR | 01 | TREN1R | 01 | 3 | TS8 | F1 | | 36B | | |
| 04332 | | XA521 | 74 | | | XA526 | 53 | | | 16B | 9 | | SPIQ23 | 01 | TREN1R | 01 | 4 | TS8 | F1 | | 35B | B08 | |
| 06035 | | XA521 | 75 | | | XA521 | 60 | | | 16B | 9 | | TS29CP | 03 | TREN1R | 01 | 5 | TS8 | F1 | | 37B | | |
| 05096 | | XA521 | 76 | | | | | | | | | | TREN1R | 02 | TREN1R | 00 | 1 | TS8 | F1 | | 37A | | |
| 04889 | | XA521 | 77 | | | | | | | | | | TNSG1R | 04 | TREN1R | 01 | 6 | TS8 | F1 | | 38B | | |
| 07438 | | XA521 | 78 | | | XA524 | 70 | | | 16B | 9 | | TXRS1B | 35 | TREN1R | 01 | 7 | TS8 | F1 | | 38A | | |
| 01795 | | XA521 | 79 | | | XA509 | 80 | | | 16B | 9 | | TNSGMA | 005 | TREN1R | 01 | 8 | TS8 | F1 | | 39B | B02 | |
| 00493 | | XA521 | 80 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 05460 | | XA522 | 01 | | | | | | | | | | URW2CA | 01 | URW2CA | 00 | 1 | TQ2 | A2 | | 02B | B05 | |
| 00986 | | XA522 | 02 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01A | | |
| 06186 | | XA522 | 03 | | | XA424 | 42 | | | 16B | 9 | | TTS3BS | 03 | URW3CA | 01 | 1 | TQ2 | A3 | | 02A | B05 | |
| 06158 | | XA522 | 04 | | | XA424 | 46 | | | 16B | 9 | | TTS2BS | 03 | URW2CA | 01 | 1 | TQ2 | A2 | | 04A | B05 | |
| 05204 | | XA522 | 05 | | | XA422 | 34 | | | 16B | 9 | | TADSBOX | 02 | URW2CA | 01 | 2 | TQ2 | A2 | | 03B | B05 | |
| 05442 | | XA522 | 06 | | | | | | | | | | URW1CA | 01 | URW1CA | 00 | 1 | TQ2 | A1 | | 05A | B05 | |
| 05217 | | XA522 | 07 | | | XA545 | 76 | | | 16B | 9 | | UREW3OX | 02 | URW3CA | 01 | 2 | TQ2 | A3 | | 03A | B05 | |
| 06134 | | XA522 | 08 | | | XA421 | 11 | | | 16B | 9 | | TTS1BS | 03 | URW1CA | 01 | 1 | TQ2 | A1 | | 06A | B05 | |
| 05471 | | XA522 | 09 | | | | | | | | | | URW3CA | 02 | URW3CA | 00 | 1 | TQ2 | A3 | | 04B | B05 | |
| 05189 | | XA522 | 10 | | | XA523 | 11 | | | 16B | 9 | | TREW1OX | 02 | URW1CA | 01 | 2 | TQ2 | A1 | | 07A | B05 | |
| 06214 | | XA522 | 11 | | | XA424 | 40 | | | 16B | 9 | | TTS4BS | 03 | URW4CA | 01 | 1 | TQ2 | A4 | | 05B | B05 | |
| 00197 | | XA522 | 12 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 05226 | | XA522 | 13 | | | XA545 | 68 | | | 16B | 9 | | UREW4OX | 02 | URW4CA | 01 | 2 | TQ2 | A4 | | 06B | B05 | |
| 04375 | | XA522 | 14 | | | XA523 | 25 | | | 16B | 9 | | UEOT4A | 01 | UEOT4A | 00 | 1 | TQ2 | B2 | | 09A | B05 | |
| 05480 | | XA522 | 15 | | | | | | | | | | URW4CA | 01 | URW4CA | 00 | 1 | TQ2 | A4 | | 07B | B05 | |
| 00987 | | XA522 | 16 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01B | | |
| 04339 | | XA522 | 17 | | | XA505 | 10 | | | 16B | 9 | | TEOT0S | 05 | TEOT0R | 01 | 1 | TQ2 | B3 | | 08B | | |
| 04349 | | XA522 | 18 | | | XA523 | 14 | | | 16B | 9 | | UEOT1S | 02 | UEOT4A | 01 | 1 | TQ2 | B2 | | 10A | B05 | |
| 04342 | | XA522 | 19 | | | | | | | | | | TEOT1A | 02 | TEOT0R | 01 | 2 | TQ2 | B3 | | 09B | | |
| 05731 | | XA522 | 20 | | | XA521 | 26 | | | 16B | 9 | | TSCL3B | 14 | UEOT4A | 01 | 2 | TQ2 | B2 | | 11A | B05 | |
| 04333 | | XA522 | 21 | | | XA523 | 17 | | | 16B | 9 | | TEOT0R | 02 | TEOT0R | 00 | 1 | TQ2 | B3 | | 10B | | |
| 04369 | | XA522 | 22 | | | | | | | | | | UEOT3A | 02 | UEOT3A | 00 | 1 | TQ2 | B1 | | 12A | B05 | |
| 04364 | | XA522 | 23 | | | | | | | | | | UEOT2S | 03 | UEOT2R | 01 | 1 | TQ2 | B4 | | 11B | B05 | |
| 04363 | | XA522 | 24 | | | XA522 | 23 | | | 16B | 9 | | UEOT2S | 02 | UEOT3A | 01 | 1 | TQ2 | B1 | | 13A | B05 | |
| 04338 | | XA522 | 25 | | | XA522 | 17 | | | 16B | 9 | | TEOT0S | 04 | UEOT2R | 01 | 2 | TQ2 | B4 | | 12B | B05 | |
| 05666 | | XA522 | 26 | | | XA518 | 37 | | | 16B | 9 | | TSCL1B | 13 | UEOT3A | 01 | 2 | TQ2 | B1 | | 14A | B05 | |
| 04359 | | XA522 | 27 | | | XA523 | 23 | | | 16B | 9 | | UEOT2R | 01 | UEOT2R | 00 | 1 | TQ2 | B4 | | 13B | B05 | |
| 00198 | | XA522 | 28 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 03515 | | XA522 | 29 | | | XA410 | 31 | | | 16B | 9 | | TBOT0R | 03 | TBOT0S | 01 | 1 | TQ2 | C3 | | 14B | | |
| 03503 | | XA522 | 30 | | | | | | | | | | TBUSY0 | 02 | TBUSY0 | 00 | 1 | TQ2 | C2 | | 15A | | |
| 03511 | | XA522 | 31 | | | XA523 | 38 | | | 16B | 9 | | TBOT0A | 01 | TBOT0S | 01 | 2 | TQ2 | C3 | | 15B | | |
| 00988 | | XA522 | 32 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 20B | | |
| 03521 | | XA522 | 33 | | | XA505 | 05 | | | 16B | 9 | | TBOT0S | 05 | TBOT0S | 00 | 1 | TQ2 | C3 | | 16B | BEGIN OF TAPE(BOT) | |
| 03494 | | XA522 | 34 | | | | | | | | | | TBUSYR | 05 | TBUSY0 | 01 | 1 | TQ2 | C2 | | 16A | | |
| 03544 | | XA522 | 35 | | | | | | | | | | TBOT2R | 03 | TBOT2S | 01 | 1 | TQ2 | C4 | | 17B | | |
| 03769 | | XA522 | 36 | | | XA503 | 43 | | | 16B | 9 | | TCSOR | 03 | TBUSY0 | 01 | 2 | TQ2 | C2 | | 17A | | |
| 03558 | | XA522 | 37 | | | XA523 | 52 | | | 16B | 9 | | TBOT4A | 01 | TBOT2S | 01 | 2 | TQ2 | C4 | | 18B | | |
| 04331 | | XA522 | 38 | | | | | | | | | | TEOT0A | 02 | TEOT0A | 00 | 1 | TQ2 | C1 | | 18A | | |
| 03545 | | XA522 | 39 | | | XA523 | 35 | | | 16B | 9 | | TBOT2S | 01 | TBOT2S | 00 | 1 | TQ2 | C4 | | 19B | BOT COUNTER BIT 2 | |
| 04327 | | XA522 | 40 | | | XA424 | 57 | | | 16B | 9 | | TEOT1OX | 03 | TEOT0A | 01 | 1 | TQ2 | C1 | | 19A | B05 | |
| CONNECTOR (XA522) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1398

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA522
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 384

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|---------------------------------|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH TO | PREFIX | CONNECTOR | PIN | SH TO | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 04326 | | XA522 | 41 | | | XA522 | 40 | | | | | | TEOT10X | 02 | TEOTCA | 01 | 1 | TQ2 | D3 | | 22B | B05 | |
| 05726 | | XA522 | 42 | | | XA523 | 42 | | | | | | TSCL3B | 09 | TEOT0A | 01 | 2 | TQ2 | C1 | | 20A | | |
| 01800 | | XA522 | 43 | | | XA521 | 40 | | | | | | SPIO22 | 31 | TEOTCA | 01 | 2 | TQ2 | D3 | | 23B | | |
| 00989 | | XA522 | 44 | | | | | | | | | | GND | 01 | | | | TQ2 | | | | 21B | |
| 04323 | | XA522 | 45 | | | XA525 | 14 | | | | | | TEOTCA | 01 | TEOTCA | 00 | 1 | TQ2 | D3 | | 24B | | |
| 04661 | | XA522 | 46 | | | XA519 | 56 | | | | | | TLPT1A | 01 | TLPT1A | 00 | 1 | TQ2 | D2 | | 21A | | |
| 06528 | | XA522 | 47 | | | XA517 | 57 | | | | | | TWRG0S | 01 | TWRGRA | 01 | 1 | TQ2 | D4 | | 25B | | |
| 04672 | | XA522 | 48 | | | XA414 | 74 | | | | | | TLPT1Q | 01 | TLPT1A | 01 | 1 | TQ2 | D2 | | 22A | | |
| 06541 | | XA522 | 49 | | | | | | | | | | TWRG1R | 04 | TWRGRA | 01 | 2 | TQ2 | D4 | | 26B | | |
| 07071 | | XA522 | 50 | | | | | | | | | | TXCP30 | 07 | TLPT1A | 01 | 2 | TQ2 | D2 | | 23A | | |
| 06523 | | XA522 | 51 | | | | | | | | | | TWRGRA | 03 | TWRGRA | 00 | 1 | TQ2 | D4 | | 27B | | |
| 03533 | | XA522 | 52 | | | XA509 | 53 | | | | | | TBOT1S | 03 | TBOT1S | 00 | 1 | TQ2 | D1 | | 24A | BOT COUNTER BIT 1 | |
| 06185 | | XA522 | 53 | | | XA522 | 03 | | | | | | TTS3BS | 02 | TRW32A | 01 | 1 | TQ2 | E3 | | 28B | | |
| 03528 | | XA522 | 54 | | | XA524 | 50 | | | | | | TBOT1R | 01 | TBOT1S | 01 | 1 | TQ2 | D1 | | 25A | | |
| 03790 | | XA522 | 55 | | | XA522 | 61 | | | | | | TCSD20 | 01 | TRW32A | 01 | 2 | TQ2 | E3 | | 29B | | |
| 03538 | | XA522 | 56 | | | XA524 | 36 | | | | | | TBOT2A | 01 | TBOT1S | 01 | 2 | TQ2 | D1 | | 26A | | |
| 05475 | | XA522 | 57 | | | | | | | | | | TRW32A | 02 | TRW32A | 00 | 1 | TQ2 | E3 | | 30B | | |
| 00990 | | XA522 | 58 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 27A | | |
| 06213 | | XA522 | 59 | | | XA522 | 11 | | | | | | TTS4BS | 02 | TRW42A | 01 | 1 | TQ2 | E4 | | 31B | | |
| 05465 | | XA522 | 60 | | | | | | | | | | TRW22A | 02 | TRW22A | 00 | 1 | TQ2 | E2 | | 28A | | |
| 03791 | | XA522 | 61 | | | XA522 | 64 | | | | | | TCSD20 | 02 | TRW42A | 01 | 2 | TQ2 | E4 | | 32B | | |
| 06157 | | XA522 | 62 | | | XA522 | 04 | | | | | | TTS2BS | 02 | TRW22A | 01 | 1 | TQ2 | E2 | | 29A | | |
| 05485 | | XA522 | 63 | | | | | | | | | | TRW42A | 02 | TRW42A | 00 | 1 | TQ2 | E4 | | 33B | | |
| 03792 | | XA522 | 64 | | | XA522 | 70 | | | | | | TCSD20 | 03 | TRW22A | 01 | 2 | TQ2 | E2 | | 30A | | |
| 08052 | | XA522 | 65 | | | | | | | | | | TADSW2X | 03 | TRDY1A | 01 | 1 | TQ2 | F3 | | 34B | B05 | |
| 05449 | | XA522 | 66 | | | | | | | | | | TRW12A | 02 | TRW12A | 00 | 1 | TQ2 | E1 | | 31A | | |
| 00991 | | XA522 | 67 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 40A | | |
| 06133 | | XA522 | 68 | | | XA522 | 08 | | | | | | TTS1BS | 02 | TRW12A | 01 | 1 | TQ2 | E1 | | 32A | | |
| 08055 | | XA522 | 69 | | | | | | | | | | TRDY1A | 02 | TRDY1A | 00 | 1 | TQ2 | F3 | | 35A | B05 | |
| 03793 | | XA522 | 70 | | | XA523 | 75 | | | | | | TCSD20 | 04 | TRW12A | 01 | 2 | TQ2 | E1 | | 33A | | |
| 08045 | | XA522 | 71 | | | | | | | | | | T082MA | 02 | T082M0 | 01 | 1 | TQ2 | F2 | | 36A | C05 | |
| 08047 | | XA522 | 72 | | | | | | | | | | T082M0 | 02 | T082M0 | 00 | 1 | TQ2 | F2 | | 34A | C05 | |
| 01791 | | XA522 | 73 | | | XA521 | 70 | | | | | | SPIO22 | 22 | T082M0 | 01 | 2 | TQ2 | F2 | | 36B | C05 | |
| 01787 | | XA522 | 74 | | | XA546 | 69 | | | | | | TRDY10X | 025 | TRDY1A | 01 | 2 | TQ2 | F3 | | 35B | B05 | |
| 08075 | | XA522 | 75 | | | | | | | | | | T198U0 | 02 | T198U0 | 00 | 1 | TQ2 | F1 | | 37B | B05 | |
| 08065 | | XA522 | 76 | | | | | | | | | | SPIO31 | 11 | U078U0 | 01 | 1 | TQ2 | F4 | | 37A | C03 | |
| 08073 | | XA522 | 77 | | | | | | | | | | T198UA | 02 | T198U0 | 01 | 1 | TQ2 | F1 | | 38B | B05 | |
| 01788 | | XA522 | 78 | | | XA523 | 79 | | | | | | SPIO22 | 19 | U078U0 | 01 | 2 | TQ2 | F4 | | 38A | B05 | |
| 01790 | | XA522 | 79 | | | XA522 | 73 | | | | | | SPIO22 | 21 | T198U0 | 01 | 2 | TQ2 | F1 | | 39B | B05 | |
| 08067 | | XA522 | 80 | | | | | | | | | | U078U0 | 02 | U078U0 | 00 | 1 | TQ2 | F4 | | 39A | B05 | |
| 03772 | | XA523 | 01 | | | | | | | | | | TCSD0S | 02 | TCSD0S | 00 | 1 | TQ2 | A2 | | 02B | INPUT DELAY BUSY F | |
| 00992 | | XA523 | 02 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01A | | |
| 04679 | | XA523 | 03 | | | | | | | | | | TLPT4R | 02 | TLPT4S | 01 | 1 | TQ2 | A3 | | 02A | | |
| 03767 | | XA523 | 04 | | | XA524 | 07 | | | | | | TCSD0R | 01 | TCSD0S | 01 | 1 | TQ2 | A2 | | 04A | | |
| 06014 | | XA523 | 05 | | | XA417 | 75 | | | | | | TSYN1A | 02 | TCSD0S | 01 | 2 | TQ2 | A2 | | 03B | | |
| 03755 | | XA523 | 06 | | | XA417 | 66 | | | | | | TCSDRA | 01 | TCSDRA | 00 | 1 | TQ2 | A1 | | 05A | | |
| 04693 | | XA523 | 07 | | | XA432 | 27 | | | | | | TLPT5A | 11 | TLPT4S | 01 | 2 | TQ2 | A3 | | 03A | | |
| 03759 | | XA523 | 08 | | | | | | | | | | TCSDR0 | 02 | TCSDRA | 01 | 1 | TQ2 | A1 | | 06A | | |
| CONNECTOR | | XA523 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

H78-14 1399

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA523
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 385

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DR FC | PREFIX | CONNECTOR | PIN | DR FC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 04681 | | XA523 | 09 | | | XA524 | 09 | | | 16B | 9 | | TLPT4S | 02 | TLPT4S | 00 | 1 | TQ2 | A3 | | 04B | | |
| 01773 | | XA523 | 10 | | | XA526 | 08 | | | 16B | 9 | | SPIO22 | 04 | TCSDBA | 01 | 2 | TQ2 | A1 | | 07A | | |
| 05444 | | XA523 | 11 | | | XA545 | 69 | | | 16B | 9 | | TREW10X | 02C | TRWOCA | 01 | 1 | TQ2 | A4 | | 05B | B05 | |
| 00199 | | XA523 | 12 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 01772 | | XA523 | 13 | | | XA523 | 10 | | | 16B | 9 | | SPIO22 | 03 | TRWOCA | 01 | 2 | TQ2 | A4 | | 06B | | |
| 04350 | | XA523 | 14 | | | XA524 | 14 | | | 16B | 9 | | UEOT1S | 03 | UEOT1S | 00 | 1 | TQ2 | B2 | | 09A | B05 | |
| 05440 | | XA523 | 15 | | | XA410 | 18 | | | 16B | 9 | | | 02 | TRWOCA | 00 | 1 | TQ2 | A4 | | 07B | | |
| 00993 | | XA523 | 16 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01B | | |
| 04334 | | XA523 | 17 | | | | | | | | | | TEOT0R | 03 | TEOT0S | 01 | 1 | TQ2 | B3 | | 08B | | |
| 04345 | | XA523 | 18 | | | XA524 | 19 | | | 16B | 9 | | UEOT1R | 01 | UEOT1S | 01 | 1 | TQ2 | B2 | | 10A | B05 | |
| 04330 | | XA523 | 19 | | | XA522 | 38 | | | 16B | 9 | | TEOT0A | 01 | TEOT0S | 01 | 2 | TQ2 | B3 | | 09B | | |
| 04356 | | XA523 | 20 | | | | | | | | | | UEOT2A | 02 | UEOT1S | 01 | 2 | TQ2 | B2 | | 11A | B05 | |
| 04337 | | XA523 | 21 | | | XA522 | 25 | | | 16B | 9 | | TEOT0S | 03 | TEOT0S | 00 | 1 | TQ2 | B3 | | 10B | | |
| 04658 | | XA523 | 22 | | | | | | | | | | TLPTBS | 02 | TLPTBS | 00 | 1 | TQ2 | B1 | | 12A | | |
| 04360 | | XA523 | 23 | | | XA524 | 23 | | | 16B | 9 | | UEOT2R | 02 | UEOT2S | 01 | 1 | TQ2 | B4 | | 11B | B05 | |
| 04655 | | XA523 | 24 | | | XA524 | 20 | | | 16B | 9 | | TLPTBR | 02 | TLPTBS | 01 | 1 | TQ2 | B1 | | 13A | | |
| 04376 | | XA523 | 25 | | | | | | | | | | UEOT4A | 02 | UEOT2S | 01 | 2 | TQ2 | B4 | | 12B | B05 | |
| 08002 | | XA523 | 26 | | | XA520 | 43 | | | 16B | 9 | | TXOD3A | 04 | TLPTBS | 01 | 2 | TQ2 | B1 | | 14A | | |
| 04362 | | XA523 | 27 | | | XA522 | 24 | | | 16B | 9 | | UEOT2S | 01 | UEOT2S | 00 | 1 | TQ2 | B4 | | 13B | B05 | |
| 00200 | | XA523 | 28 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 03520 | | XA523 | 29 | | | XA522 | 33 | | | 16B | 9 | | TBOT0S | 04 | TBOT0R | 01 | 1 | TQ2 | C3 | | 14B | | |
| 03489 | | XA523 | 30 | | | | | | | | | | TBUSYA | 03 | TBUSYA | 00 | 1 | TQ2 | C2 | | 15A | | |
| 03525 | | XA523 | 31 | | | | | | | | | | TBOT1A | 02 | TBOT0R | 01 | 2 | TQ2 | C3 | | 15B | | |
| 00994 | | XA523 | 32 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 20B | | |
| 03514 | | XA523 | 33 | | | XA522 | 29 | | | 16B | 9 | | TBOT0R | 02 | TBOT0R | 00 | 1 | TQ2 | C3 | | 16B | | |
| 03502 | | XA523 | 34 | | | XA522 | 30 | | | 16B | 9 | | TBUSY0 | 01 | TBUSYA | 01 | 1 | TQ2 | C2 | | 16A | | |
| 03546 | | XA523 | 35 | | | XA523 | 48 | | | 16B | 9 | | TBOT2S | 02 | TBOT2R | 01 | 1 | TQ2 | C4 | | 17B | | |
| 01804 | | XA523 | 36 | | | XA525 | 62 | | | 16B | 9 | | SPIO22 | 35 | TBUSYA | 01 | 2 | TQ2 | C2 | | 17A | B02 | |
| 03519 | | XA523 | 37 | | | XA523 | 29 | | | 16B | 9 | | TBOT0S | 03 | TBOT2R | 01 | 2 | TQ2 | C4 | | 18B | | |
| 03512 | | XA523 | 38 | | | | | | | | | | TBOT0A | 02 | TBOT0A | 00 | 1 | TQ2 | C1 | | 18A | | |
| 03543 | | XA523 | 39 | | | XA522 | 35 | | | 16B | 9 | | TBOT2R | 02 | TBOT2R | 00 | 1 | TQ2 | C4 | | 19B | | |
| 03507 | | XA523 | 40 | | | XA424 | 51 | | | 16B | 9 | | TBOT10X | 00P | TBOT0A | 01 | 1 | TQ2 | C1 | | 19A | B05 | |
| 03506 | | XA523 | 41 | | | XA523 | 40 | | | 16B | 9 | | TBOT10X | 00L | TBOTCA | 01 | 1 | TQ2 | D3 | | 22B | B05 | |
| 05727 | | XA523 | 42 | | | XA525 | 42 | | | 16B | 9 | | TSCL3B | 10 | TBOT0A | 01 | 2 | TQ2 | C1 | | 20A | | |
| 01802 | | XA523 | 43 | | | XA523 | 49 | | | 16B | 9 | | SPIO22 | 33 | TBOTCA | 01 | 2 | TQ2 | D3 | | 23B | | |
| 00995 | | XA523 | 44 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 21B | | |
| 03505 | | XA523 | 45 | | | | | | | | | | TBOTCA | 02 | TBOTCA | 00 | 1 | TQ2 | D3 | | 24B | | |
| 03552 | | XA523 | 46 | | | | | | | | | | TBOT3A | 02 | TBOT3A | 00 | 1 | TQ2 | D2 | | 21A | BUFFER REG BIT 8 | |
| 05455 | | XA523 | 47 | | | | | | | | | | TRW140 | 02 | TRW14A | 01 | 1 | TQ2 | D4 | | 25B | | |
| 03547 | | XA523 | 48 | | | | | | | | | | TBOT2S | 03 | TBOT3A | 01 | 1 | TQ2 | D2 | | 22A | | |
| 01803 | | XA523 | 49 | | | XA523 | 36 | | | 16B | 9 | | SPIO22 | 34 | TRW14A | 01 | 2 | TQ2 | D4 | | 26B | | |
| 05660 | | XA523 | 50 | | | XA524 | 48 | | | 16B | 9 | | TSCL1B | 07 | TBOT3A | 01 | 2 | TQ2 | D2 | | 23A | | |
| 05453 | | XA523 | 51 | | | | | | | | | | TRW14A | 04 | TRW14A | 00 | 1 | TQ2 | D4 | | 27B | | |
| 03559 | | XA523 | 52 | | | | | | | | | | TBOT4A | 02 | TBOT4A | 00 | 1 | TQ2 | D1 | | 24A | | |
| 06184 | | XA523 | 53 | | | XA522 | 53 | | | 16B | 9 | | TTS3BS | 01 | TRW30A | 01 | 1 | TQ2 | E3 | | 28B | | |
| 03532 | | XA523 | 54 | | | XA522 | 52 | | | 16B | 9 | | TBOT1S | 02 | TBOT4A | 01 | 1 | TQ2 | D1 | | 25A | | |
| 05212 | | XA523 | 55 | | | XA415 | 78 | | | 16B | 9 | | TREW30 | 01 | TRW30A | 01 | 2 | TQ2 | E3 | | 29B | | |
| 05723 | | XA523 | 56 | | | XA521 | 56 | | | 16B | 9 | | TSCL3B | 06 | TBOT4A | 01 | 2 | TQ2 | D1 | | 26A | | |
| 05473 | | XA523 | 57 | | | | | | | | | | TRW30A | 02 | TRW30A | 00 | 1 | TQ2 | E3 | | 30B | | |
| 00996 | | XA523 | 58 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 27A | | |
| CONNECTOR (XA523) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1400

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA523
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 386

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|---------------------------------|-------|--------|-----------|-----|-------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SR FC | PREFIX | CONNECTOR | PIN | SR FC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 06212 | | XA523 | 59 | | XA522 | 59 | | | | 16B | 9 | | TTS4BS | 01 | TRW40A | 01 | 1 | TQ2 | E4 | | 31B | | |
| 05462 | | XA523 | 60 | | XA525 | 52 | | | | 16B | 9 | | TRW20A | 01 | TRW20A | 00 | 1 | TQ2 | E2 | | 28A | | |
| 05223 | | XA523 | 61 | | XA416 | 78 | | | | 16B | 9 | | TREW4Q | 01 | TRW40A | 01 | 2 | TQ2 | E4 | | 32B | | |
| 06156 | | XA523 | 62 | | XA522 | 62 | | | | 16B | 9 | | TTS2BS | 01 | TRW20A | 01 | 1 | TQ2 | E2 | | 29A | | |
| 05483 | | XA523 | 63 | | | | | | | | | | TRW40A | 02 | TRW40A | 00 | 1 | TQ2 | E4 | | 33B | | |
| 05195 | | XA523 | 64 | | XA414 | 78 | | | | 16B | 9 | | TREW2Q | 01 | TRW20A | 01 | 2 | TQ2 | E2 | | 30A | | |
| 08099 | | XA523 | 65 | | | | | | | | | | T399UA | 02 | T399U0 | 01 | 1 | TQ2 | F3 | | 34B | B05 | |
| 05447 | | XA523 | 66 | | | | | | | | | | TRW10A | 02 | TRW10A | 00 | 1 | TQ2 | E1 | | 31A | | |
| 00997 | | XA523 | 67 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 40A | | |
| 06132 | | XA523 | 68 | | XA522 | 68 | | | | 16B | 9 | | TTS1BS | 01 | TRW10A | 01 | 1 | TQ2 | E1 | | 32A | | |
| 08101 | | XA523 | 69 | | | | | | | | | | T399U0 | 02 | T399U0 | 00 | 1 | TQ2 | F3 | | 35A | B05 | |
| 05186 | | XA523 | 70 | | XA425 | 13 | | | | 16B | 9 | | TREW1Q | 01 | TRW10A | 01 | 2 | TQ2 | E1 | | 33A | | |
| 08103 | | XA523 | 71 | | | | | | | | | | U3618A | 02 | U36180 | 01 | 1 | TQ2 | F2 | | 36A | B05 | |
| 08105 | | XA523 | 72 | | | | | | | | | | U36180 | 02 | U36180 | 00 | 1 | TQ2 | F2 | | 34A | B05 | |
| 01786 | | XA523 | 73 | | XA522 | 78 | | | | 16B | 9 | | SPIO22 | 17 | U36180 | 01 | 2 | TQ2 | F2 | | 34B | B05 | |
| 01785 | | XA523 | 74 | | XA523 | 73 | | | | 16B | 9 | | SPIO22 | 16 | T399U0 | 01 | 2 | TQ2 | F3 | | 35B | B05 | |
| 03794 | | XA523 | 75 | | | | | | | | | | TCSD20 | 05 | TCSD20 | 00 | 1 | TQ2 | F1 | | 37B | B05 | |
| 08089 | | XA523 | 76 | | | | | | | | | | U1658A | 02 | U16580 | 01 | 1 | TQ2 | F4 | | 37A | B05 | |
| 03782 | | XA523 | 77 | | XA525 | 23 | | | | 16B | 9 | | TCSD2A | 01 | TCSD20 | 01 | 1 | TQ2 | F1 | | 38B | | |
| 01784 | | XA523 | 78 | | XA523 | 74 | | | | 16B | 9 | | SPIO22 | 15 | U16580 | 01 | 2 | TQ2 | F4 | | 38A | B05 | |
| 01789 | | XA523 | 79 | | XA522 | 79 | | | | 16B | 9 | | SPIO22 | 20 | TCSD20 | 01 | 2 | TQ2 | F1 | | 39B | B05 | |
| 08092 | | XA523 | 80 | | | | | | | | | | U16580 | 03 | U16580 | 00 | 1 | TQ2 | F4 | | 39A | B05 | |
| 03771 | | XA524 | 01 | | XA523 | 01 | | | | 16B | 9 | | TCSD0S | 01 | TCSD0R | 01 | 1 | TT3 | A2 | | 02B | | |
| 00998 | | XA524 | 02 | | | | | | | | | | GND | 01 | | | | TT3 | | | 01B | | |
| 05823 | | XA524 | 03 | | XA511 | 06 | | | | 16B | 9 | | TSNC1A | 01 | TCSD0R | 01 | 2 | TT3 | A2 | | 02A | | |
| 03758 | | XA524 | 04 | | XA523 | 08 | | | | 16B | 9 | | TCSD0R | 01 | TCSD0R | 00 | 1 | TT3 | A1 | | 04A | | |
| 07443 | | XA524 | 05 | | XA425 | 80 | | | | 16B | 9 | | TXRS2B | 08 | TCSD0R | 01 | 3 | TT3 | A2 | | 03B | | |
| 03763 | | XA524 | 06 | | | | | | | | | | TCSD0P | 02 | TCSD0R | 01 | 1 | TT3 | A1 | | 05A | | |
| 03768 | | XA524 | 07 | | XA522 | 36 | | | | 16B | 9 | | TCSD0R | 02 | TCSD0R | 00 | 1 | TT3 | A2 | | 03A | | |
| 06106 | | XA524 | 08 | | | | | | | | | | TTSC00 | 02 | TCSD0R | 01 | 2 | TT3 | A1 | | 06A | | |
| 04682 | | XA524 | 09 | | | | | | | | | | TLPT4S | 03 | TLPT4R | 01 | 1 | TT3 | A3 | | 04B | | |
| 05439 | | XA524 | 10 | | XA523 | 15 | | | | 16B | 9 | | TRWOCA | 01 | TCSD0R | 01 | 3 | TT3 | A1 | | 07A | | |
| 07887 | | XA524 | 11 | | XA429 | 72 | | | | 16B | 9 | | TXXDDP | 02 | TLPT4R | 01 | 2 | TT3 | A3 | | 05B | | |
| 00201 | | XA524 | 12 | | | | | | | | | | +5V | 01 | | | | TT3 | | | | | |
| 07442 | | XA524 | 13 | | XA524 | 05 | | | | 16B | 9 | | TXRS2B | 07 | TLPT4R | 01 | 3 | TT3 | A3 | | 06B | | |
| 04351 | | XA524 | 14 | | | | | | | | | | UE0T1S | 04 | UE0T1R | 01 | 1 | TT3 | B2 | | 09A | B05 | |
| 04678 | | XA524 | 15 | | XA523 | 03 | | | | 16B | 9 | | TLPT4R | 01 | TLPT4R | 00 | 1 | TT3 | A3 | | 07B | | |
| 00999 | | XA524 | 16 | | | | | | | | | | GND | 01 | | | | TT3 | | | 21B | | |
| 04368 | | XA524 | 17 | | XA522 | 22 | | | | 16B | 9 | | UE0T3A | 01 | UE0T1R | 01 | 2 | TT3 | B2 | | 08B | B05 | |
| 04335 | | XA524 | 18 | | XA524 | 21 | | | | 16B | 9 | | TE0T0S | 01 | UE0T1R | 01 | 3 | TT3 | B2 | | 10A | B05 | |
| 04346 | | XA524 | 19 | | XA525 | 19 | | | | 16B | 9 | | UE0T1R | 02 | UE0T1R | 00 | 1 | TT3 | B2 | | 09B | B05 | |
| 04656 | | XA524 | 20 | | | | | | | | | | TLPTBR | 03 | TLPTBR | 00 | 1 | TT3 | B1 | | 11A | | |
| 04336 | | XA524 | 21 | | XA523 | 21 | | | | 16B | 9 | | TE0T0S | 02 | UE0T2A | 01 | 1 | TT3 | B3 | | 10B | B05 | |
| 04657 | | XA524 | 22 | | XA523 | 22 | | | | 16B | 9 | | TLPTBS | 01 | TLPTBR | 01 | 1 | TT3 | B1 | | 12A | | |
| 04361 | | XA524 | 23 | | | | | | | | | | UE0T2R | 03 | UE0T2A | 01 | 2 | TT3 | B3 | | 11B | B05 | |
| 07886 | | XA524 | 24 | | XA524 | 11 | | | | 16B | 9 | | TXXDDP | 01 | TLPTBR | 01 | 2 | TT3 | B1 | | 13A | B05 | |
| 05665 | | XA524 | 25 | | XA522 | 26 | | | | 16B | 9 | | TSCL1B | 12 | UE0T2A | 01 | 3 | TT3 | B3 | | 12B | B05 | |
| 07441 | | XA524 | 26 | | XA524 | 13 | | | | 16B | 9 | | TXRS2B | 06 | TLPTBR | 01 | 3 | TT3 | B1 | | 14A | | |
| CONNECTOR | | XA524 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

H78-14 1401

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA524
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 387

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|------|-------------|------|-------|--------|---------|----------|--------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SIZE | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 04355 | | XA524 | 27 | | | | | | | | | UE0T2A | 01 | UE0T2A | 00 | 1 | TT3 | B3 | | | |
| 00202 | | XA524 | 28 | | XA523 | 20 | | | 16B | 9 | | +5V | 01 | | | | TT3 | | | | B05 |
| 06392 | | XA524 | 29 | | XA515 | 05 | | | 16B | 9 | | TWENCA | 01 | TWEN1A | 01 | 1 | TT3 | C2 | | 14B | |
| 05836 | | XA524 | 30 | | | | | | | | | TSNC1S | 08 | TWEN1A | 01 | 2 | TT3 | C2 | | 15A | |
| 06410 | | XA524 | 31 | | XA507 | 04 | | | 16B | 9 | | TWEN1A | 01 | TWEN1A | 00 | 1 | TT3 | C2 | | 15B | |
| 01000 | | XA524 | 32 | | | | | | | | | GND | 01 | | | | TT3 | | | 27A | |
| 06399 | | XA524 | 33 | | XA516 | 75 | | | 16B | 9 | | TWENCO | 05 | TWEN2A | 01 | 1 | TT3 | C3 | | 16B | B05 |
| 05663 | | XA524 | 34 | | XA525 | 26 | | | 16B | 9 | | TSCL1B | 10 | TWEN1A | 01 | 3 | TT3 | C2 | | 16A | |
| 04388 | | XA524 | 35 | | XA515 | 24 | | | 16B | 9 | | TFPR10X | 04 | TWEN2A | 01 | 2 | TT3 | C3 | | 17B | B05 |
| 03539 | | XA524 | 36 | | | | | | | | | TBOT2A | 02 | TBOT2A | 00 | 1 | TT3 | C1 | | 17A | |
| 05835 | | XA524 | 37 | | XA524 | 30 | | | 16B | 9 | | TSNC1S | 07 | TWEN2A | 01 | 3 | TT3 | C3 | | 18B | |
| 03518 | | XA524 | 38 | | XA523 | 37 | | | 16B | 9 | | TBOT0S | 02 | TBOT2A | 01 | 1 | TT3 | C1 | | 18A | |
| 06413 | | XA524 | 39 | | | | | | | | | TWEN2A | 02 | TWEN2A | 00 | 1 | TT3 | C3 | | 19B | |
| 03542 | | XA524 | 40 | | XA523 | 39 | | | 16B | 9 | | TBOT2R | 01 | TBOT2A | 01 | 2 | TT3 | C1 | | 19A | |
| 04450 | | XA524 | 41 | | XA515 | 31 | | | 16B | 9 | | TWRG1S | 00 | TWRG8A | 01 | 1 | TT3 | D2 | | 22B | A07 |
| 05662 | | XA524 | 42 | | XA524 | 34 | | | 16B | 9 | | TSCL1B | 09 | TBOT2A | 01 | 3 | TT3 | C1 | | 20A | |
| 06565 | | XA524 | 43 | | XA410 | 74 | | | 16B | 9 | | TWRG8A | 01 | TWRG8A | 00 | 1 | TT3 | D2 | | 23B | |
| 01001 | | XA524 | 44 | | | | | | | | | GND | 01 | | | | TT3 | | | 40A | |
| 06581 | | XA524 | 45 | | XA527 | 37 | | | 16B | 9 | | TWRITP | 03 | TWRG00 | 01 | 1 | TT3 | D3 | | 24B | |
| 08070 | | XA524 | 46 | | XA508 | 76 | | | 16B | 9 | | TREG00 | 01 | TWRG8A | 01 | 2 | TT3 | D2 | | 21A | A07 |
| 06571 | | XA524 | 47 | | XA516 | 79 | | | 16B | 9 | | TWRIEP | 03 | TWRG00 | 01 | 2 | TT3 | D3 | | 25B | |
| 05661 | | XA524 | 48 | | XA524 | 42 | | | 16B | 9 | | TSCL1B | 08 | TWRG8A | 01 | 3 | TT3 | D2 | | 22A | |
| 04447 | | XA524 | 49 | | XA508 | 10 | | | 16B | 9 | | THISPP | 03 | TWRG00 | 01 | 3 | TT3 | D3 | | 26B | |
| 03529 | | XA524 | 50 | | XA525 | 40 | | | 16B | 9 | | TBOT1R | 02 | TBOT1R | 00 | 1 | TT3 | D1 | | 23A | |
| 06534 | | XA524 | 51 | | | | | | | | | TWRG00 | 02 | TWRG00 | 00 | 1 | TT3 | D3 | | 27B | |
| 03531 | | XA524 | 52 | | XA523 | 54 | | | 16B | 9 | | TBOT1S | 01 | TBOT1R | 01 | 1 | TT3 | D1 | | 24A | |
| 05997 | | XA524 | 53 | | | | | | | | | T030M0 | 02 | THSPRA | 01 | 1 | TT3 | E2 | | 28B | C03 |
| 03551 | | XA524 | 54 | | XA523 | 46 | | | 16B | 9 | | TBOT3A | 01 | TBOT1R | 01 | 2 | TT3 | D1 | | 25A | |
| 06012 | | XA524 | 55 | | XA525 | 70 | | | 16B | 9 | | THSPRA | 01 | THSPRA | 00 | 1 | TT3 | E2 | | 29B | C03 |
| 03517 | | XA524 | 56 | | XA524 | 38 | | | 16B | 9 | | TBOT0S | 01 | TBOT1R | 01 | 3 | TT3 | D1 | | 26A | |
| 04630 | | XA524 | 57 | | XA525 | 57 | | | 16B | 9 | | TLCC1S | 04 | TLCC1R | 01 | 1 | TT3 | E3 | | 30B | |
| 01002 | | XA524 | 58 | | | | | | | | | GND | 01 | | | | TT3 | | | 40B | |
| 04621 | | XA524 | 59 | | XA518 | 40 | | | 16B | 9 | | TLCC1A | 01 | TLCC1R | 01 | 2 | TT3 | E3 | | 31B | |
| 06003 | | XA524 | 60 | | | | | | | | | THSPRQ | 02 | THSPRA | 01 | 2 | TT3 | E2 | | 28A | C03 |
| 07440 | | XA524 | 61 | | XA524 | 26 | | | 16B | 9 | | TXRS2B | 05 | TLCC1R | 01 | 3 | TT3 | E3 | | 32B | |
| 04439 | | XA524 | 62 | | XA431 | 72 | | | 16B | 9 | | TSCL1B | 01 | THSPRA | 01 | 3 | TT3 | E2 | | 29A | C03 |
| 04625 | | XA524 | 63 | | XA518 | 78 | | | 16B | 9 | | TLCC1R | 02 | TLCC1R | 00 | 1 | TT3 | E3 | | 33B | |
| 04779 | | XA524 | 64 | | XA517 | 68 | | | 16B | 9 | | TMR500 | 01 | TMR500 | 00 | 1 | TT3 | F1 | | 30A | |
| 05159 | | XA524 | 65 | | XA513 | 78 | | | 16B | 9 | | TREQ2Q | 01 | TREQ5A | 01 | 1 | TT3 | F2 | | 34B | C01 |
| 05080 | | XA524 | 66 | | XA517 | 73 | | | 16B | 9 | | TRENOA | 01 | TMR500 | 01 | 1 | TT3 | F1 | | 31A | |
| 01003 | | XA524 | 67 | | | | | | | | | GND | 01 | | | | TT3 | | | | |
| 08005 | | XA524 | 68 | | | | | | | | | TX0D3A | 07 | TMR500 | 01 | 2 | TT3 | F1 | | 32A | |
| 04488 | | XA524 | 69 | | | | | | | | | TKA01P | 04 | TTRSCA | 01 | 1 | TT3 | F3 | | 35A | |
| 07439 | | XA524 | 70 | | | | | | | | | TXRS1B | 36 | TMR500 | 01 | 3 | TT3 | F1 | | 33A | |
| 05167 | | XA524 | 71 | | XA527 | 79 | | | 16B | 9 | | SPI024 | 005 | TREQ5A | 01 | 2 | TT3 | F2 | | 36A | B05 |
| 05722 | | XA524 | 72 | | XA527 | 78 | | | 16B | 9 | | SPI025 | 005 | TREQ5A | 01 | 3 | TT3 | F2 | | 34A | B05 |
| 06806 | | XA524 | 73 | | XA512 | 74 | | | 16B | 9 | | UWSBCA | 01 | UWSBCA | 00 | 1 | TT3 | F1 | | 36B | B05 |
| 05156 | | XA524 | 74 | | | | | | | | | TREQ5A | 02 | TREQ5A | 00 | 1 | TT3 | F2 | | 35B | B05 |
| 06586 | | XA524 | 75 | | XA521 | 43 | | | 16B | 9 | | TWRITQ | 01 | UWSBCA | 01 | 1 | TT3 | F1 | | 37B | B05 |
| 04513 | | XA524 | 76 | | XA526 | 61 | | | 16B | 9 | | TKA02Q | 08 | TTRSCA | 01 | 2 | TT3 | F3 | | 37A | |
| CONNECTOR XA524 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

H78-14 1402

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA524
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 388

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|----|--------|-----------|-----|----|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH | PREFIX | CONNECTOR | PIN | SH | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 04641 | | XA524 | 77 | | | | | | | | | | TLCC2S | 04 | UW5BCA | 01 | 2 | TT3 | F1 | | 38B | | |
| 05721 | | XA524 | 78 | | XA525 | 13 | | | 16B | 9 | | | TSCL3B | 04 | TTRSCA | 01 | 3 | TT3 | F3 | | 38A | B05 | |
| 08091 | | XA524 | 79 | | | | | | | | | | TXGN2A | 04 | UW5BCA | 01 | 3 | TT3 | F1 | | 39B | B05 | |
| 06089 | | XA524 | 80 | | XA518 | 21 | | | 16B | 9 | | | TTRSCA | 01 | TTRSCA | 00 | 1 | TT3 | F3 | | 39A | | |
| 03774 | | XA525 | 01 | | | | | | | | | | TCSD00 | 02 | TCSD0A | 01 | 1 | TD4 | A2 | | 02B | | |
| 01004 | | XA525 | 02 | | | | | | | | | | GND | 01 | | | | TD4 | | | 01A | | |
| 00494 | | XA525 | 03 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 03776 | | XA525 | 04 | | XA525 | 24 | | | 16B | 9 | | | TCSD1P | 02 | TCSD0A | 01 | 2 | TD4 | A2 | | 04A | | |
| 03788 | | XA525 | 05 | | XA415 | 55 | | | 16B | 9 | | | TCSD2Q | 02 | TCSD0A | 01 | 3 | TD4 | A2 | | 03B | | |
| 05443 | | XA525 | 06 | | XA524 | 65 | | | 16B | 9 | | | TREQ2Q | 005 | TREQ3A | 01 | 1 | TD4 | A1 | | 05A | B05 | |
| 05656 | | XA525 | 07 | | XA526 | 70 | | | 16B | 9 | | | TSCL1B | 03 | TCSD0A | 01 | 4 | TD4 | A2 | | 03A | B05 | |
| 05461 | | XA525 | 08 | | | | | | | | | | TREQ3P | 02 | TREQ3A | 01 | 2 | TD4 | A1 | | 06A | B05 | |
| 03761 | | XA525 | 09 | | | | | | | | | | TCSD0A | 02 | TCSD0A | 00 | 1 | TD4 | A2 | | 04B | | |
| 05470 | | XA525 | 10 | | XA526 | 78 | | | 16B | 9 | | | TREQ4Q | 01 | TREQ3A | 01 | 3 | TD4 | A1 | | 07A | B05 | |
| 05445 | | XA525 | 11 | | XA425 | 72 | | | 16B | 9 | | | TREQ3A | 03 | TREQ3A | 00 | 1 | TD4 | A1 | | 05B | B05 | |
| 00203 | | XA525 | 12 | | | | | | | | | | +5V | 01 | | | | TD4 | | | | | |
| 05481 | | XA525 | 13 | | XA523 | 56 | | | 16B | 9 | | | TSCL3B | 05 | TREQ3A | 01 | 4 | TD4 | A1 | | 06B | B05 | |
| 04324 | | XA525 | 14 | | | | | | | | | | TEOTCA | 02 | TEOT1A | 01 | 1 | TD4 | B2 | | 09A | | |
| 00495 | | XA525 | 15 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 01005 | | XA525 | 16 | | | | | | | | | | GND | 01 | | | | TD4 | | | 20B | | |
| 00496 | | XA525 | 17 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 05911 | | XA525 | 18 | | XA525 | 38 | | | 16B | 9 | | | TSTPOR | 02 | TEOT1A | 01 | 2 | TD4 | B2 | | 10A | | |
| 04347 | | XA525 | 19 | | | | | | | | | | UEOT1R | 03 | TEOT1A | 01 | 3 | TD4 | B2 | | 09B | | |
| 05730 | | XA525 | 20 | | XA522 | 20 | | | 16B | 9 | | | TSCL3B | 13 | TEOT1A | 01 | 4 | TD4 | B2 | | 11A | B05 | |
| 04341 | | XA525 | 21 | | XA522 | 19 | | | 16B | 9 | | | TEOT1A | 01 | TEOT1A | 00 | 1 | TD4 | B2 | | 10B | | |
| 05175 | | XA525 | 22 | | XA527 | 31 | | | 16B | 9 | | | TRENDP | 05 | TCSD2A | 01 | 1 | TD4 | B1 | | 12A | | |
| 03783 | | XA525 | 23 | | | | | | | | | | TCSD2A | 02 | TCSD2A | 00 | 1 | TD4 | B1 | | 11B | | |
| 03777 | | XA525 | 24 | | | | | | | | | | TCSD1P | 03 | TCSD2A | 01 | 2 | TD4 | B1 | | 13A | | |
| 03787 | | XA525 | 25 | | XA525 | 05 | | | 16B | 9 | | | TCSD2Q | 01 | TCSD2A | 01 | 3 | TD4 | B1 | | 12B | | |
| 05664 | | XA525 | 26 | | XA524 | 25 | | | 16B | 9 | | | TSCL1B | 11 | TCSD2A | 01 | 4 | TD4 | B1 | | 14A | | |
| 00497 | | XA525 | 27 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 00204 | | XA525 | 28 | | | | | | | | | | +5V | 01 | | | | TD4 | | | | | |
| 00498 | | XA525 | 29 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 05843 | | XA525 | 30 | | XA525 | 77 | | | 16B | 9 | | | TSNC2R | 04 | TSTROA | 01 | 1 | TD4 | C2 | | 15A | B05 | |
| 03900 | | XA525 | 31 | | XA433 | 77 | | | 16B | 9 | | | TBUSYS | 06 | TSTROA | 01 | 2 | TD4 | C2 | | 15B | | |
| 01006 | | XA525 | 32 | | | | | | | | | | GND | 01 | | | | TD4 | | | 21B | | |
| 05961 | | XA525 | 33 | | | | | | | | | | TSTROA | 02 | TSTROA | 00 | 1 | TD4 | C2 | | 16B | | |
| 05956 | | XA525 | 34 | | XA409 | 31 | | | 16B | 9 | | | TSTRCO | 01 | TSTROA | 01 | 3 | TD4 | C2 | | 16A | | |
| 03524 | | XA525 | 35 | | XA523 | 31 | | | 16B | 9 | | | TBOT1A | 01 | TBOT1A | 00 | 1 | TD4 | C1 | | 17B | | |
| 05729 | | XA525 | 36 | | XA525 | 20 | | | 16B | 9 | | | TSCL3B | 12 | TSTROA | 01 | 4 | TD4 | C2 | | 17A | | |
| 03504 | | XA525 | 37 | | XA523 | 45 | | | 16B | 9 | | | TBOTCA | 01 | TBOT1A | 01 | 1 | TD4 | C1 | | 18B | | |
| 05912 | | XA525 | 38 | | XA510 | 36 | | | 16B | 9 | | | TSTPOR | 03 | TBOT1A | 01 | 2 | TD4 | C1 | | 18A | | |
| 00499 | | XA525 | 39 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 03530 | | XA525 | 40 | | | | | | | | | | TBOT1R | 03 | TBOT1A | 01 | 3 | TD4 | C1 | | 19A | | |
| 00500 | | XA525 | 41 | | | | | | | | | | DNW | 01 | | | | TD4 | | | | | |
| 05728 | | XA525 | 42 | | XA525 | 36 | | | 16B | 9 | | | TSCL3B | 11 | TBOT1A | 01 | 4 | TD4 | C1 | | 20A | | |
| 03991 | | XA525 | 43 | | | | | | | | | | TC40BQ | 04 | T066MA | 01 | 1 | TD4 | D2 | | 23B | C03 | |
| 01007 | | XA525 | 44 | | | | | | | | | | GND | 01 | | | | TD4 | | | 27A | | |
| CONNECTOR XA525 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1403

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA525
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 389

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SPEC INST. MISC. | JNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------|-------------|------|-------|------------------|--------|--------|----------|------|--------|------------------|-------|---------------------|-------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SH PG | MULTI GROUP | CODE | COLOR | | | | | | | | | | IDENT | AND | | |
| 08053 | | XA525 | 45 | | | | | | | | | T066MA | 02 | T066MA | 00 | 1 | TD4 | D2 | | 24B | WRITE COUNT 37US | C05 | |
| 04001 | | XA525 | 46 | | XA515 | 48 | | 16B | 9 | | | TC41BP | 02 | T066MA | 01 | 2 | TD4 | D2 | | 21A | | C05 | |
| 05454 | | XA525 | 47 | | XA523 | 47 | | 16B | 9 | | | TRW140 | 01 | TRW140 | 00 | 1 | TD4 | D1 | | 25B | | | |
| 03948 | | XA525 | 48 | | XA418 | 30 | | 16B | 9 | | | TC30BQ | 005 | T066MA | 01 | 3 | TD4 | D2 | | 22A | | C03 | |
| 05446 | | XA525 | 49 | | XA523 | 66 | | 16B | 9 | | | TRW10A | 01 | TRW140 | 01 | 1 | TD4 | D1 | | 24B | | | |
| 03949 | | XA525 | 50 | | XA525 | 72 | | 16B | 9 | | | TC31BP | 03 | T066MA | 01 | 4 | TD4 | D2 | | 23A | | C03 | |
| 00501 | | XA525 | 51 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | | |
| 05463 | | XA525 | 52 | | | | | | | | | TRW20A | 02 | TRW140 | 01 | 2 | TD4 | D1 | | 24A | | | |
| 00502 | | XA525 | 53 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | | |
| 05472 | | XA525 | 54 | | XA523 | 57 | | 16B | 9 | | | TRW30A | 01 | TRW140 | 01 | 3 | TD4 | D1 | | 25A | | | |
| 04624 | | XA525 | 55 | | XA524 | 63 | | 16B | 9 | | | TLCC1R | 01 | TLCC1S | 01 | 1 | TD4 | E2 | | 29B | | | |
| 05482 | | XA525 | 56 | | XA523 | 63 | | 16B | 9 | | | TRW40A | 01 | TRW140 | 01 | 4 | TD4 | D1 | | 26A | | | |
| 04631 | | XA525 | 57 | | | | | | | | | TLCC1S | 05 | TLCC1S | 00 | 1 | TD4 | E2 | | 30B | WRITE LRC CHAR COU | | |
| 01008 | | XA525 | 58 | | | | | | | | | GND | 01 | | | | TD4 | | | 40A | | | |
| 08064 | | XA525 | 59 | | | | | | | | | TSTR90 | 05 | TSTR90 | 00 | 1 | TD4 | E1 | | 31B | WRITE COUNT 78US | C03 | |
| 04632 | | XA525 | 60 | | XA515 | 69 | | 16B | 9 | | | TLCC2A | 01 | TLCC1S | 01 | 2 | TD4 | F2 | | 28A | | | |
| 03984 | | XA525 | 61 | | XA409 | 40 | | 16B | 9 | | | TSTR4A | 01 | TSTR90 | 01 | 1 | TD4 | E1 | | 32B | | C03 | |
| 06516 | | XA525 | 62 | | | | | | | | | SPIO22 | 36 | TLCC1S | 01 | 3 | TD4 | F2 | | 29A | | B02 | |
| 00503 | | XA525 | 63 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | | |
| 07126 | | XA525 | 64 | | XA520 | 64 | | 16B | 9 | | | SPIO21 | 005 | TLCC1S | 01 | 4 | TD4 | E2 | | 30A | | B02 | |
| 00504 | | XA525 | 65 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | | |
| 03992 | | XA525 | 66 | | | | | | | | | TSTR6A | 04 | TSTR90 | 01 | 2 | TD4 | F1 | | 31A | | C03 | |
| 01009 | | XA525 | 67 | | | | | | | | | GND | 01 | | | | TD4 | | | 40B | | | |
| 03953 | | XA525 | 68 | | XA407 | 74 | | 16B | 9 | | | TFST4A | 01 | TSTR90 | 01 | 3 | TD4 | F1 | | 32A | | C03 | |
| 06044 | | XA525 | 69 | | XA522 | 71 | | 16B | 9 | | | T082MA | 01 | T082MA | 00 | 1 | TD4 | F2 | | 35A | MAIN COUNT 15MS | C05 | |
| 03957 | | XA525 | 70 | | XA514 | 60 | | 16B | 9 | | | THSPRA | 02 | TSTR90 | 01 | 4 | TD4 | F1 | | 33A | | C03 | |
| 03878 | | XA525 | 71 | | XA416 | 40 | | 16B | 9 | | | TC42BQ | 005 | T082MA | 01 | 1 | TD4 | F2 | | 36A | | C05 | |
| 03884 | | XA525 | 72 | | | | | | | | | TC31BP | 04 | T082MA | 01 | 2 | TD4 | F2 | | 34A | | C05 | |
| 03858 | | XA525 | 73 | | XA416 | 35 | | 16B | 9 | | | TC43BP | 01 | T082MA | 01 | 3 | TD4 | F2 | | 36B | | C05 | |
| 03875 | | XA525 | 74 | | | | | | | | | SPIO14 | 05 | T082MA | 01 | 4 | TD4 | F2 | | 35B | | C05 | |
| 06400 | | XA525 | 75 | | XA512 | 06 | | 16B | 9 | | | TWENOS | 005 | TWLRCO | 01 | 1 | TD4 | F1 | | 37B | | B05 | |
| 06484 | | XA525 | 76 | | XA543 | 35 | | 16B | 9 | | | TWLRCO | 01 | TWLRCO | 00 | 1 | TD4 | F1 | | 37A | | B05 | |
| 04642 | | XA525 | 77 | | | | | | | | | TSNC2R | 05 | TWLRCO | 01 | 2 | TD4 | F1 | | 38B | | B05 | |
| 08090 | | XA525 | 78 | | XA511 | 53 | | 16B | 9 | | | TLCC3R | 005 | TWLRCO | 01 | 3 | TD4 | F1 | | 38A | | B05 | |
| 08054 | | XA525 | 79 | | XA520 | 26 | | 16B | 9 | | | SPIO13 | 11C | TWLRCO | 01 | 4 | TD4 | F1 | | 39B | | C03 | |
| 00505 | | XA525 | 80 | | | | | | | | | DNW | 01 | | | | TD4 | | | | | | |
| 01451 | | XA526 | 01 | | XA427 | 80 | | 16B | 9 | | | SPIO08 | 26 | TS238N | 01 | 1 | TDD | BN | | 02B | | | |
| 01010 | | XA526 | 02 | | | | | | | | | GND | 01 | | | | TDD | | | 01B | | | |
| 06026 | | XA526 | 03 | | | | | | | | | TS23SA | 02 | TS238Q | 01 | 1 | TDD | BQ | | 02A | | | |
| 05898 | | XA526 | 04 | | XA406 | 33 | | 16B | 9 | | | TSRS0A | 04 | TS238P | 01 | 1 | TDD | BP | | 04A | | | |
| 01282 | | XA526 | 05 | | XA526 | 18 | | 16B | 9 | | | SPT003 | 17 | TS238I | 01 | 1 | TDD | BI | | 03B | | | |
| 05897 | | XA526 | 06 | | XA526 | 04 | | 16B | 9 | | | TSRS0A | 03 | TS148P | 01 | 1 | TDD | AP | | 05A | | | |
| 06024 | | XA526 | 07 | | | | | | | | | TS238Q | 02 | TS238Q | 00 | 1 | TDD | BO | | 03A | COMPUTER DATA PAR | | |
| 01774 | | XA526 | 08 | | XA527 | 13 | | 16B | 9 | | | SPIO22 | 05 | TS148I | 01 | 1 | TDD | AI | | 06A | | | |
| 06021 | | XA526 | 09 | | XA409 | 21 | | 16B | 9 | | | TS238P | 01 | TS238P | 00 | 1 | TDD | BP | | 04B | | | |
| 01697 | | XA526 | 10 | | XA527 | 10 | | 16B | 9 | | | SPIO19 | 31 | TS148N | 01 | 1 | TDD | AN | | 07A | | | |
| 08330 | | XA526 | 11 | | | | | | | | | TS148P | 01 | TS148P | 00 | 1 | TDD | AP | | 05B | | | |
| 00205 | | XA526 | 12 | | | | | | | | | +5V | 01 | | | | TDD | | | | | | |
| CONNECTOR (XA526) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1404

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA526
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 390

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FAC | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------|-------------|------|-------|--------|--------|----------|---------|-----|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SH FT | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 06018 | | XA526 | 13 | | | | | | | | | TS14B0 | 02 | TS14B0 | 00 | 1 | TDD | AQ | 06B | TAPE MARK DETECTED | |
| 01450 | | XA526 | 14 | | XA526 | 01 | | | 16B | 9 | | SPI008 | 25 | TS31BN | 01 | 1 | TDD | DN | 09A | | |
| 04864 | | XA526 | 15 | | XA508 | 45 | | | 16B | 9 | | TNSGIA | 01 | TS14B0 | 01 | 1 | TDD | AQ | 07B | | |
| 01011 | | XA526 | 16 | | | | | | | | | GND | 01 | | | | TDD | | 20B | | |
| 05340 | | XA526 | 17 | | XA511 | 65 | | | 16B | 9 | | TRTDPA | 01 | TS31B0 | 01 | 1 | TDD | DQ | 08B | | B05 |
| 01283 | | XA526 | 18 | | XA526 | 34 | | | 16B | 9 | | SPI003 | 18 | TS31B I | 01 | 1 | TDD | DI | 10A | | |
| 06054 | | XA526 | 19 | | | | | | | | | TS31B0 | 02 | TS31B0 | 00 | 1 | TDD | DQ | 09B | LATERAL PARITY ERR | |
| 05896 | | XA526 | 20 | | XA526 | 06 | | | 16B | 9 | | TSR50A | 02 | TS31BP | 01 | 1 | TDD | DP | 11A | | |
| 06052 | | XA526 | 21 | | | | | | | | | TS31BP | 02 | TS31BP | 00 | 1 | TDD | DP | 10B | | |
| 05895 | | XA526 | 22 | | XA526 | 20 | | | 16B | 9 | | TSR50A | 01 | TS30BP | 01 | 1 | TDD | CP | 12A | | |
| 06046 | | XA526 | 23 | | | | | | | | | TS30BP | 02 | TS30BP | 00 | 1 | TDD | CP | 11B | | |
| 01777 | | XA526 | 24 | | XA526 | 40 | | | 16B | 9 | | SPI022 | 08 | TS30B I | 01 | 1 | TDD | CI | 13A | | |
| 06048 | | XA526 | 25 | | | | | | | | | TS30BQ | 02 | TS30BQ | 00 | 1 | TDD | CQ | 12B | LONGITUDINAL PARIT | |
| 01696 | | XA526 | 26 | | XA526 | 10 | | | 16B | 9 | | SPI019 | 30 | TS30BN | 01 | 1 | TDD | CN | 14A | | |
| 04868 | | XA526 | 27 | | | | | | | | | TNSGJA | 03 | TS30BQ | 01 | 1 | TDD | CQ | 13B | | |
| 00206 | | XA526 | 28 | | | | | | | | | +5V | 01 | | | | TDD | | | | |
| 06042 | | XA526 | 29 | | | | | | | | | TS29SA | 02 | TS29CQ | 01 | 1 | TDD | FQ | 14B | | |
| 01449 | | XA526 | 30 | | XA526 | 14 | | | 16B | 9 | | SPI008 | 24 | TS29CN | 01 | 1 | TDD | FN | 15A | | |
| 06040 | | XA526 | 31 | | | | | | | | | TS29CQ | 02 | TS29CQ | 00 | 1 | TDD | FQ | 15B | TIMING ERROR | |
| 01012 | | XA526 | 32 | | | | | | | | | GND | 01 | | | | TDD | | 21B | | |
| 06038 | | XA526 | 33 | | | | | | | | | TS29CP | 06 | TS29CP | 00 | 1 | TDD | FP | 16B | | |
| 01284 | | XA526 | 34 | | XA526 | 48 | | | 16B | 9 | | SPI003 | 19 | TS29C I | 01 | 1 | TDD | FI | 16A | | |
| 08331 | | XA526 | 35 | | | | | | | | | TS26CP | 01 | TS26CP | 00 | 1 | TDD | EP | 17B | | |
| 05906 | | XA526 | 36 | | XA407 | 33 | | | 16B | 9 | M | TSRS1A | 04 | TS29CP | 01 | 1 | TDD | EP | 17A | | |
| 06030 | | XA526 | 37 | | | | | | | | | TS26CQ | 02 | TS26CQ | 00 | 1 | TDD | EQ | 18B | FILE PROTECT ERROR | |
| 05905 | | XA526 | 38 | | XA526 | 36 | | | 16B | 9 | | TSRS1A | 03 | TS26CP | 01 | 1 | TDD | EP | 18A | | |
| 04383 | | XA526 | 39 | | | | | | | | | TFPE1A | 02 | TS26CQ | 01 | 1 | TDD | EQ | 19B | | |
| 01778 | | XA526 | 40 | | XA526 | 54 | | | 16B | 9 | | SPI022 | 09 | TS26C I | 01 | 1 | TDD | EI | 19A | | |
| 05436 | | XA526 | 41 | | XA503 | 77 | | | 16B | 9 | | TRWS4A | 01 | TS31CQ | 01 | 1 | TDD | HQ | 22B | | |
| 01695 | | XA526 | 42 | | XA526 | 26 | | | 16B | 9 | | SPI019 | 29 | TS26CN | 01 | 1 | TDD | EN | 20A | | |
| 06056 | | XA526 | 43 | | | | | | | | | TS31CQ | 02 | TS31CQ | 00 | 1 | TDD | HQ | 23B | MOTOR ERROR | |
| 01013 | | XA526 | 44 | | | | | | | | | GND | 01 | | | | TDD | | 27A | | |
| 08333 | | XA526 | 45 | | | | | | | | | TS31CP | 01 | TS31CP | 00 | 1 | TDD | HP | 24B | | |
| 01448 | | XA526 | 46 | | XA526 | 30 | | | 16B | 9 | M | SPI008 | 23 | TS31CN | 01 | 1 | TDD | HN | 21A | | |
| 08332 | | XA526 | 47 | | | | | | | | | TS30CP | 01 | TS30CP | 00 | 1 | TDD | GP | 25B | | |
| 01285 | | XA526 | 48 | | XA521 | 38 | | | 16B | 9 | M | SPI003 | 20 | TS31C I | 01 | 1 | TDD | HI | 22A | | |
| 06050 | | XA526 | 49 | | | | | | | | | TS30CQ | 02 | TS30CQ | 00 | 1 | TDD | GQ | 26B | NO DATA ERROR | |
| 05904 | | XA526 | 50 | | XA526 | 38 | | | 16B | 9 | | TSRS1A | 02 | TS31CP | 01 | 1 | TDD | HP | 23A | | |
| 04843 | | XA526 | 51 | | | | | | | | | TNDASA | 03 | TS30CQ | 01 | 1 | TDD | GQ | 27B | | |
| 05903 | | XA526 | 52 | | XA526 | 50 | | | 16B | 9 | | TSRS1A | 01 | TS30CP | 01 | 1 | TDD | GP | 24A | | |
| 01806 | | XA526 | 53 | | XA533 | 73 | | | 16B | 9 | | SPI023 | 02 | TM04BQ | 01 | 1 | TDD | KQ | 28B | | |
| 01779 | | XA526 | 54 | | XA527 | 54 | | | 16B | 9 | | SPI022 | 10 | TS30C I | 01 | 1 | TDD | GT | 25A | | |
| 04832 | | XA526 | 55 | | XA521 | 36 | | | 16B | 9 | | TM04BQ | 01 | TM04BQ | 00 | 1 | TDD | KQ | 29B | BUFFER TIMING COUN | |
| 01694 | | XA526 | 56 | | XA526 | 42 | | | 16B | 9 | | SPI019 | 28 | TS30CN | 01 | 1 | TDD | GN | 26A | | |
| 04831 | | XA526 | 57 | | | | | | | | | TM04BP | 04 | TM04BP | 00 | 1 | TDD | KP | 30B | | |
| 01014 | | XA526 | 58 | | | | | | | | | GND | 01 | | | | TDD | | 40A | | |
| 04805 | | XA526 | 59 | | XA514 | 54 | | | 16B | 9 | | TKA02P | 02 | TKA02P | 00 | 1 | TDD | JP | 31B | | |
| 05659 | | XA526 | 60 | | XA523 | 50 | | | 16B | 9 | | TSCL1B | 06 | TM048N | 01 | 1 | TDD | KN | 28A | | |
| 04814 | | XA526 | 61 | | | | | | | | | TKA02Q | 09 | TKA02Q | 00 | 1 | TDD | JQ | 32B | BUFFER TIMING COUN | |
| 04823 | | XA526 | 62 | | XA526 | 72 | | | 16B | 9 | | TM03BQ | 05 | TM048 I | 01 | 1 | TDD | KI | 29A | | |
| CONNECTOR XA526 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

H78-14 1405

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA526
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 391

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SFC INST. MISC. | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------------|------|-------|-------|-----------------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | |
| 01693 | | XA526 | 63 | | XA526 | 56 | | 16B | 9 | | | SPI019 | 27 | TKA02Q | 01 | 1 | TDD | JQ | | 33B | | |
| 04827 | | XA526 | 64 | | | | | | | | | TMO3RA | 03 | TMO4BP | 01 | 1 | TDD | KP | | 30A | | |
| 01692 | | XA526 | 65 | | XA526 | 63 | | 16B | 9 | | | SPI019 | 26 | TMO2BQ | 01 | 1 | TDD | MQ | | 34B | | |
| 01782 | | XA526 | 66 | | | | | | | | | TKA00P | 03 | TKA02P | 01 | 1 | TDD | JP | | 31A | | |
| 01015 | | XA526 | 67 | | | | | | | | | GND | 01 | | | | TDD | | | 40B | | |
| 04793 | | XA526 | 68 | | XA437 | 74 | | 16B | 9 | | | TKA01Q | 08 | TKA02I | 01 | 1 | TDD | JJ | | 32A | | |
| 04501 | | XA526 | 69 | | XA521 | 50 | | 16B | 9 | | | TMO2BP | 01 | TMO2BP | 00 | 1 | TDD | MP | | 35A | | |
| 04824 | | XA526 | 70 | | XA526 | 60 | | 16B | 9 | | | TSC11B | 05 | TKA02N | 01 | 1 | TDD | JN | | 32A | | |
| 04496 | | XA526 | 71 | | XA513 | 37 | | 16B | 9 | | | TMO0BQ | 01 | TMO2BI | 01 | 1 | TDD | MI | | 36A | | |
| 05658 | | XA526 | 72 | | | | | | | | | TMO3BQ | 06 | TMO2BN | 01 | 1 | TDD | MN | | 34A | | |
| 04484 | | XA526 | 73 | | XA526 | 80 | | 16B | 9 | | | SPI022 | 13 | TMO2BP | 01 | 1 | TDD | MP | | 36B | | |
| 04514 | | XA526 | 74 | | | | | | | | | TMO2BQ | 05 | TMO2BQ | 00 | 1 | TDD | MQ | | 35B | BYTE TIMING COUNT | |
| 05119 | | XA526 | 75 | | XA425 | 69 | | 16B | 9 | | | TREQCP | 01 | TREQ4P | 01 | 1 | TDD | LP | | 37B | | |
| 05164 | | XA526 | 76 | | XA514 | 18 | | 16B | 9 | | | TREQ4P | 01 | TREQ4P | 00 | 1 | TDD | LP | | 37A | B05 | |
| 05160 | | XA526 | 77 | | XA514 | 19 | | 16B | 9 | | | TREQ3Q | 01 | TREQ4I | 01 | 1 | TDD | LI | | 38B | | |
| 05168 | | XA526 | 78 | | | | | | | | | TREQ4Q | 02 | TREQ4Q | 00 | 1 | TDD | LQ | | 38A | READ REQUEST DELAY | |
| 05657 | | XA526 | 79 | | | | | | | | | TREQ2P | 03 | TREQ4N | 01 | 1 | TDD | LN | | 39B | B05 | |
| 01783 | | XA526 | 80 | | XA523 | 78 | | 16B | 9 | | | SPI022 | 14 | TREQ4Q | 01 | 1 | TDD | LQ | | 39A | | |
| 04227 | | XA527 | 01 | | | | | | | | | TEB0BP | 02 | TEBZRA | 01 | 1 | TS8 | A1 | | 02B | | |
| 01016 | | XA527 | 02 | | | | | | | | | GND | 01 | | | | TS8 | | | 01A | | |
| 00506 | | XA527 | 03 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 04245 | | XA527 | 04 | | XA435 | 45 | | 16B | 9 | | | TEB1BP | 01 | TEBZRA | 01 | 2 | TS8 | A1 | | 04A | | |
| 04260 | | XA527 | 05 | | XA434 | 59 | | 16B | 9 | | | TEB2BP | 01 | TEBZRA | 01 | 3 | TS8 | A1 | | 03B | | |
| 04275 | | XA527 | 06 | | XA436 | 45 | | 16B | 9 | | | TEB3BP | 01 | TEBZRA | 01 | 4 | TS8 | A1 | | 05A | | |
| 04291 | | XA527 | 07 | | XA435 | 59 | | 16B | 9 | | | TEB4BP | 02 | TEBZRA | 01 | 5 | TS8 | A1 | | 03A | | |
| 04308 | | XA527 | 08 | | XA434 | 57 | | 16B | 9 | | | TEB5BP | 02 | TEBZRA | 01 | 6 | TS8 | A1 | | 06A | | |
| 00507 | | XA527 | 09 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 01698 | | XA527 | 10 | | XA442 | 78 | | 16B | 9 | | | SPI019 | 32 | TEBZRA | 01 | 7 | TS8 | A1 | | 07A | | |
| 04219 | | XA527 | 11 | | | | | | | | | TEBZRA | 02 | TEBZRA | 00 | 1 | TS8 | A1 | | 05B | END OF BLOCK COUNT | |
| 00207 | | XA527 | 12 | | | | | | | | | +5V | 01 | | | | TS8 | | | | | |
| 01775 | | XA527 | 13 | | XA527 | 24 | | 16B | 9 | | | SPI022 | 06 | TEBZRA | 01 | 8 | TS8 | A1 | | 06B | | |
| 07187 | | XA527 | 14 | | | | | | | | | TXDEVS | 05 | TEB0DA | 01 | 1 | TS8 | B1 | | 09A | B08 | |
| 00508 | | XA527 | 15 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 01017 | | XA527 | 16 | | | | | | | | | GND | 01 | | | | TS8 | | | 21B | | |
| 00509 | | XA527 | 17 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 07537 | | XA527 | 18 | | XA429 | 34 | | 16B | 9 | | | TXXB20 | 01 | TEB0DA | 01 | 2 | TS8 | B1 | | 10A | B08 | |
| 07336 | | XA527 | 19 | | | | | | | | | TXRAF7T | 03 | TEB0DA | 01 | 3 | TS8 | B1 | | 09B | | |
| 07322 | | XA527 | 20 | | | | | | | | | TXRAF3T | 03 | TEB0DA | 01 | 4 | TS8 | B1 | | 11A | | |
| 00510 | | XA527 | 21 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 07331 | | XA527 | 22 | | | | | | | | | TXRAF5T | 06 | TEB0DA | 01 | 5 | TS8 | B1 | | 12A | | |
| 04232 | | XA527 | 23 | | XA431 | 52 | | 16B | 9 | | | TEB0DA | 01 | TEB0DA | 00 | 1 | TS8 | B1 | | 11B | | |
| 01776 | | XA527 | 24 | | XA526 | 24 | | 16B | 9 | | | SPI022 | 07 | TEB0DA | 01 | 6 | TS8 | B1 | | 13A | | |
| 01833 | | XA527 | 25 | | XA434 | 13 | | 16B | 9 | | | TXXA0Q | 005 | TEB0DA | 01 | 7 | TS8 | B1 | | 12B | B08 | |
| 01805 | | XA527 | 26 | | XA439 | 10 | | 16B | 9 | | | TXXA3Q | 005 | TEB0DA | 01 | 8 | TS8 | B1 | | 14A | B08 | |
| 00511 | | XA527 | 27 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 00208 | | XA527 | 28 | | | | | | | | | +5V | 01 | | | | TS8 | | | | | |
| 00512 | | XA527 | 29 | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 05179 | | XA527 | 30 | | XA413 | 76 | | 16B | 9 | | | TREWIP | 01 | TCSD00 | 01 | 1 | TS8 | C1 | | 15A | | |
| CONNECTOR XA527 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1406

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA527
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 392

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|--------|--------|----------|------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FT | PREFIX | CONNECTOR | PIN | SH FT | MULTI-GROUP | CODE | COLOR | | | | | | | | | | | |
| 05176 | XA527 | 31 | | | | | | | | | | TREWDP | 06 | TCSD00 | 01 | 2 | TS8 | C1 | | 15B | | |
| 01018 | XA527 | 32 | | | | | | | | | | GND | 01 | | | | TS8 | | | 27A | | |
| 00513 | XA527 | 33 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 05854 | XA527 | 34 | | | XA515 | 04 | | | | 16B | 9 | TSPACP | 02 | TCSD00 | 01 | 3 | TS8 | C1 | | 16A | | |
| 03773 | XA527 | 35 | | | XA525 | 01 | | | | 16B | 9 | TCSD00 | 01 | TCSD00 | 00 | 1 | TS8 | C1 | | 17B | | |
| 05059 | XA527 | 36 | | | | | | | | | | TREADP | 05 | TCSD00 | 01 | 4 | TS8 | C1 | | 17A | | |
| 06582 | XA527 | 37 | | | XA428 | 48 | | | | 16B | 9 | TWRITP | 04 | TCSD00 | 01 | 5 | TS8 | C1 | | 18B | | |
| 06570 | XA527 | 38 | | | XA524 | 47 | | | | 16B | 9 | TWRIEP | 02 | TCSD00 | 01 | 6 | TS8 | C1 | | 18A | | |
| 00514 | XA527 | 39 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 05864 | XA527 | 40 | | | XA425 | 21 | | | | 16B | 9 | TSPAFP | 04 | TCSD00 | 01 | 7 | TS8 | C1 | | 19A | | |
| 00515 | XA527 | 41 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 04446 | XA527 | 42 | | | XA524 | 49 | | | | 16B | 9 | THISPP | 02 | TCSD00 | 01 | 8 | TS8 | C1 | | 20A | | |
| 04018 | XA527 | 43 | | | XA527 | 55 | | | | 16B | 9 | TC90BQ | 04 | U3618A | 01 | 1 | TS8 | D1 | | 23B | B05 | |
| 01019 | XA527 | 44 | | | | | | | | | | GND | 01 | | | | TS8 | | | 40A | | |
| 00516 | XA527 | 45 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 04022 | XA527 | 46 | | | XA527 | 60 | | | | 16B | 9 | TC91BP | 03 | U3618A | 01 | 2 | TS8 | D1 | | 21A | B05 | |
| 08102 | XA527 | 47 | | | XA523 | 71 | | | | 16B | 9 | U3618A | 01 | U3618A | 00 | 1 | TS8 | D1 | | 25B | B05 | |
| 03973 | XA527 | 48 | | | XA413 | 59 | | | | 16B | 9 | TC80BP | 03 | U3618A | 01 | 3 | TS8 | D1 | | 22A | B05 | |
| 03986 | XA527 | 49 | | | XA415 | 68 | | | | 16B | 9 | TC81BQ | 03 | U3618A | 01 | 4 | TS8 | D1 | | 26B | B05 | |
| 03943 | XA527 | 50 | | | XA502 | 64 | | | | 16B | 9 | TC70BQ | 05 | U3618A | 01 | 5 | TS8 | D1 | | 23A | B05 | |
| 00517 | XA527 | 51 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 03959 | XA527 | 52 | | | XA518 | 34 | | | | 16B | 9 | TC73BP | 04 | U3618A | 01 | 6 | TS8 | D1 | | 24A | B05 | |
| 00518 | XA527 | 53 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 01780 | XA527 | 54 | | | XA527 | 70 | | | | 16B | 9 | SPI022 | 11 | U3618A | 01 | 7 | TS8 | D1 | | 25A | B05 | |
| 04019 | XA527 | 55 | | | | | | | | | | TC90BQ | 05 | T399UA | 01 | 1 | TS8 | E1 | | 29B | B05 | |
| 01832 | XA527 | 56 | | | XA535 | 15 | | | | 16B | 9 | SPI024 | 03 | U3618A | 01 | 8 | TS8 | D1 | | 26A | B08 | |
| 00519 | XA527 | 57 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 01020 | XA527 | 58 | | | | | | | | | | GND | 01 | | | | TS8 | | | | | |
| 08098 | XA527 | 59 | | | XA523 | 65 | | | | 16B | 9 | T399UA | 01 | T399UA | 00 | 1 | TS8 | E1 | | 31B | B05 | |
| 04023 | XA527 | 60 | | | | | | | | | | TC91BP | 04 | T399UA | 01 | 2 | TS8 | E1 | | 28A | B05 | |
| 03972 | XA527 | 61 | | | XA417 | 71 | | | | 16B | 9 | TC83BQ | 02 | T399UA | 01 | 3 | TS8 | E1 | | 32B | B05 | |
| 03985 | XA527 | 62 | | | | | | | | | | TC84BP | 10 | T399UA | 01 | 4 | TS8 | E1 | | 29A | B05 | |
| 00520 | XA527 | 63 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 03964 | XA527 | 64 | | | | | | | | | | TC73BQ | 03 | T399UA | 01 | 5 | TS8 | E1 | | 30A | B05 | |
| 00521 | XA527 | 65 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 03968 | XA527 | 66 | | | | | | | | | | TC74BP | 04 | T399UA | 01 | 6 | TS8 | E1 | | 31A | B05 | |
| 01021 | XA527 | 67 | | | | | | | | | | GND | 01 | | | | TS8 | | | | | |
| 01831 | XA527 | 68 | | | XA527 | 56 | | | | 16B | 9 | SPI024 | 02 | T399UA | 01 | 7 | TS8 | E1 | | 32A | B05 | |
| 00522 | XA527 | 69 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |
| 01781 | XA527 | 70 | | | XA526 | 73 | | | | 16B | 9 | SPI022 | 12 | T399UA | 01 | 8 | TS8 | E1 | | 33A | B05 | |
| 04014 | XA527 | 71 | | | | | | | | | | TC90BP | 03 | T198UA | 01 | 1 | TS8 | F1 | | 36A | B05 | |
| 04025 | XA527 | 72 | | | XA521 | 08 | | | | 16B | 9 | TC91BQ | 02 | T198UA | 01 | 2 | TS8 | F1 | | 34A | B05 | |
| 03971 | XA527 | 73 | | | XA527 | 61 | | | | 16B | 9 | TC83BQ | 01 | T198UA | 01 | 3 | TS8 | F1 | | 36B | B05 | |
| 04008 | XA527 | 74 | | | XA527 | 62 | | | | 16B | 9 | TC84BP | 09 | T198UA | 01 | 4 | TS8 | F1 | | 35B | B05 | |
| 03952 | XA527 | 75 | | | XA416 | 48 | | | | 16B | 9 | TC72BQ | 01 | T198UA | 01 | 5 | TS8 | F1 | | 37B | C03 | |
| 08072 | XA527 | 76 | | | XA522 | 77 | | | | 16B | 9 | T198UA | 01 | T198UA | 00 | 1 | TS8 | F1 | | 37A | B05 | |
| 03958 | XA527 | 77 | | | XA527 | 52 | | | | 16B | 9 | TC73BP | 03 | T198UA | 01 | 6 | TS8 | F1 | | 38B | B05 | |
| 01867 | XA527 | 78 | | | XA537 | 79 | | | | 16B | 9 | SPI025 | 01 | T198UA | 01 | 7 | TS8 | F1 | | 38A | B05 | |
| 01830 | XA527 | 79 | | | XA527 | 68 | | | | 16B | 9 | SPI024 | 01 | T198UA | 01 | 8 | TS8 | F1 | | 39B | B05 | |
| 00523 | XA527 | 80 | | | | | | | | | | DNW | 01 | | | | TS8 | | | | | |

H78-14 1407

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA528
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 393

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|--------|--------|----------|--------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | IN FC | PREFIX | CONNECTOR | PIN | IN FC | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 04028 | | XA528 | 01 | | | XA528 | 10 | | | 168 | 9 | | TDCP00 | 01 | TD018N | 01 | 1 | TDD | BN | 02B | | |
| 01022 | | XA528 | 02 | | | XA528 | 10 | | | 168 | 9 | | GND | 01 | TD018N | 01 | 1 | TDD | BN | 01B | | |
| 05498 | | XA528 | 03 | | | XA536 | 01 | | | 168 | 9 | | TRO1CA | 01 | TD018Q | 01 | 1 | TDD | BQ | 02A | | |
| 04097 | | XA528 | 04 | | | XA528 | 06 | | | 168 | 9 | | TDRS0A | 02 | TD018P | 01 | 1 | TDD | BP | 04A | | |
| 07565 | | XA528 | 05 | | | XA530 | 05 | | | 168 | 9 | | TXR1CS | 05 | TD018I | 01 | 1 | TDD | BI | 03B | | |
| 04098 | | XA528 | 06 | | | XA528 | 20 | | | 168 | 9 | | TDRS0A | 03 | TD008P | 01 | 1 | TDD | AP | 05A | | |
| 04157 | | XA528 | 07 | | | | | | | | | | TD018Q | 02 | TD018Q | 00 | 1 | TDD | BQ | 03A | | |
| 07507 | | XA528 | 08 | | | XA530 | 08 | | | 168 | 9 | | TXR0CS | 05 | TD008I | 01 | 1 | TDD | AT | 06A | | |
| 08213 | | XA528 | 09 | | | | | | | | | M | TD018P | 01 | TD018P | 00 | 1 | TDD | BP | 04B | | |
| 04029 | | XA528 | 10 | | | XA528 | 14 | | | 168 | 9 | | TDCP00 | 02 | TD008N | 01 | 1 | TDD | AN | 07A | | |
| 08212 | | XA528 | 11 | | | | | | | | | M | TD008P | 01 | TD008P | 00 | 1 | TDD | AP | 05B | | |
| 00209 | | XA528 | 12 | | | | | | | | | | +5V | 01 | | | | | | | | |
| 04155 | | XA528 | 13 | | | | | | | | | | TD008Q | 02 | TD008Q | 00 | 1 | TDD | AQ | 06B | INPUT DATA REG BIT | |
| 04030 | | XA528 | 14 | | | XA528 | 26 | | | 168 | 9 | | TDCP00 | 03 | TD038N | 01 | 1 | TDD | DN | 09A | | |
| 05493 | | XA528 | 15 | | | XA536 | 06 | | | 168 | 9 | | TRO0CA | 01 | TD008Q | 01 | 1 | TDD | AQ | 07B | | |
| 01023 | | XA528 | 16 | | | | | | | | | | GND | 01 | | | | | | | 20B | |
| 05508 | | XA528 | 17 | | | XA536 | 15 | | | 168 | 9 | | TRO3CA | 01 | TD038Q | 01 | 1 | TDD | DQ | 08B | | |
| 07600 | | XA528 | 18 | | | XA529 | 48 | | | 168 | 9 | | TXR3CS | 07 | TD038I | 01 | 1 | TDD | DI | 10A | | |
| 04151 | | XA528 | 19 | | | | | | | | | | TD038Q | 02 | TD038Q | 00 | 1 | TDD | DO | 09B | | |
| 04099 | | XA528 | 20 | | | XA528 | 22 | | | 168 | 9 | | TDRS0A | 04 | TD038P | 01 | 1 | TDD | DP | 11A | | |
| 08215 | | XA528 | 21 | | | | | | | | | M | TD038P | 01 | TD038P | 00 | 1 | TDD | DP | 10B | | |
| 04100 | | XA528 | 22 | | | | | | | | | | TDRS0A | 05 | TD028P | 01 | 1 | TDD | CP | 12A | | |
| 08214 | | XA528 | 23 | | | | | | | | | M | TD028P | 01 | TD028P | 00 | 1 | TDD | CP | 11B | | |
| 07582 | | XA528 | 24 | | | XA530 | 24 | | | 168 | 9 | | TXR2CS | 04 | TD028I | 01 | 1 | TDD | CI | 13A | | |
| 04159 | | XA528 | 25 | | | | | | | | | | TD028Q | 02 | TD028Q | 00 | 1 | TDD | CQ | 12B | | |
| 04031 | | XA528 | 26 | | | XA520 | 38 | | | 168 | 9 | | TDCP00 | 04 | TD028N | 01 | 1 | TDD | CN | 14A | | |
| 05503 | | XA528 | 27 | | | XA536 | 09 | | | 168 | 9 | | TRO2CA | 01 | TD028Q | 01 | 1 | TDD | CQ | 13B | | |
| 00210 | | XA528 | 28 | | | | | | | | | | +5V | 01 | | | | | | | | |
| 05518 | | XA528 | 29 | | | XA536 | 14 | | | 168 | 9 | | TRO5CA | 01 | TD058Q | 01 | 1 | TDD | FQ | 14B | | |
| 04034 | | XA528 | 30 | | | XA528 | 42 | | | 168 | 9 | | TDCP10 | 02 | TD058N | 01 | 1 | TDD | FN | 15A | | |
| 04165 | | XA528 | 31 | | | | | | | | | | TD058Q | 02 | TD058Q | 00 | 1 | TDD | FQ | 15B | | |
| 01024 | | XA528 | 32 | | | | | | | | | | GND | 01 | | | | | | | 21B | |
| 08217 | | XA528 | 33 | | | | | | | | | M | TD058P | 01 | TD058P | 00 | 1 | TDD | FP | 16B | | |
| 07622 | | XA528 | 34 | | | XA529 | 05 | | | 168 | 9 | | TXR5CS | 03 | TD058I | 01 | 1 | TDD | FI | 16A | | |
| 08216 | | XA528 | 35 | | | | | | | | | M | TD048P | 01 | TD048P | 00 | 1 | TDD | EP | 17B | | |
| 04110 | | XA528 | 36 | | | XA528 | 38 | | | 168 | 9 | | TDRS1A | 01 | TD058P | 01 | 1 | TDD | EP | 17A | | |
| 04163 | | XA528 | 37 | | | | | | | | | | TD048Q | 02 | TD048Q | 00 | 1 | TDD | EQ | 18B | | |
| 04111 | | XA528 | 38 | | | XA528 | 50 | | | 168 | 9 | | TDRS1A | 02 | TD048P | 01 | 1 | TDD | EP | 18A | | |
| 05513 | | XA528 | 39 | | | XA536 | 22 | | | 168 | 9 | | TRO4CA | 01 | TD048Q | 01 | 1 | TDD | EQ | 19B | | |
| 07610 | | XA528 | 40 | | | XA529 | 08 | | | 168 | 9 | | TXR4CS | 03 | TD048I | 01 | 1 | TDD | EI | 19A | | |
| 05528 | | XA528 | 41 | | | XA536 | 27 | | | 168 | 9 | | TRO7CA | 01 | TD078Q | 01 | 1 | TDD | HQ | 22B | | |
| 04035 | | XA528 | 42 | | | XA528 | 46 | | | 168 | 9 | | TDCP10 | 03 | TD048N | 01 | 1 | TDD | FN | 20A | | |
| 04169 | | XA528 | 43 | | | | | | | | | | TD078Q | 02 | TD078Q | 00 | 1 | TDD | HQ | 23B | INPUT DATA REG BIT | |
| 01025 | | XA528 | 44 | | | | | | | | | | GND | 01 | | | | | | | 27A | |
| 08219 | | XA528 | 45 | | | | | | | | | M | TD078P | 01 | TD078P | 00 | 1 | TDD | HP | 24B | | |
| 04036 | | XA528 | 46 | | | XA528 | 56 | | | 168 | 9 | | TDCP10 | 04 | TD078N | 01 | 1 | TDD | HN | 21A | | |
| 08218 | | XA528 | 47 | | | | | | | | | M | TD068P | 01 | TD068P | 00 | 1 | TDD | GP | 25B | | |
| 07645 | | XA528 | 48 | | | XA530 | 48 | | | 168 | 9 | | TXR7CS | 02 | TD078I | 01 | 1 | TDD | HI | 22A | | |
| 04167 | | XA528 | 49 | | | | | | | | | | TD068Q | 02 | TD068Q | 00 | 1 | TDD | GQ | 26B | | |
| 04112 | | XA528 | 50 | | | XA528 | 52 | | | 168 | 9 | | TDRS1A | 03 | TD078P | 01 | 1 | TDD | HP | 23A | | |
| CONNECTOR XA528 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1408

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA528
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 394

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | Y FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|---------|--------|-----------|-----|---------|-------------|------|-------|--------|--------|----------|--------|----------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH.F.C. | PREFIX | CONNECTOR | PIN | SH.F.C. | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 05523 | | XA528 | 51 | | | | | | | | | | TR06CA | 01 | TD068Q | 01 | 1 | TDD | GQ | | 27B | |
| 04113 | | XA528 | 52 | | | | | | | | | | TDRS1A | 04 | TD068P | 01 | 1 | TDD | GP | | 24A | |
| 05538 | | XA528 | 53 | | | | | | | | | | TR09CA | 01 | TD098Q | 01 | 1 | TDD | KQ | | 28B | |
| 07639 | | XA528 | 54 | | | | | | | | | | TXR6CS | 08 | TD068I | 01 | 1 | TDD | GI | | 25A | |
| 04173 | | XA528 | 55 | | | | | | | | | | TD098Q | 02 | TD098Q | 00 | 1 | TDD | KQ | | 29B | |
| 04037 | | XA528 | 56 | | | | | | | | | | TDCP10 | 05 | TD068N | 01 | 1 | TDD | GN | | 26A | |
| 08221 | | XA528 | 57 | | | | | | | | | | TD098P | 01 | TD098P | 00 | 1 | TDD | KP | | 30B | |
| 01026 | | XA528 | 58 | | | | | | | | | | GND | 01 | | | | TDD | | | 40A | |
| 08220 | | XA528 | 59 | | | | | | | | | | TD088P | 01 | TD088P | 00 | 1 | TDD | JP | | 31B | |
| 04041 | | XA528 | 60 | | | | | | | | | | TDCP20 | 04 | TD098N | 01 | 1 | TDD | KN | | 28A | |
| 04171 | | XA528 | 61 | | | | | | | | | | TD088Q | 02 | TD088Q | 00 | 1 | TDD | JQ | | 32B | |
| 07563 | | XA528 | 62 | | | | | | | | | | TXR1CS | 03 | TD098I | 01 | 1 | TDD | KI | | 29A | |
| 05533 | | XA528 | 63 | | | | | | | | | | TR08CA | 01 | TD088Q | 01 | 1 | TDD | JO | | 33B | |
| 04116 | | XA528 | 64 | | | | | | | | | | TDRS2A | 02 | TD098P | 01 | 1 | TDD | KP | | 30A | |
| 05548 | | XA528 | 65 | | | | | | | | | | TR11CA | 01 | TD118Q | 01 | 1 | TDD | MQ | | 34B | |
| 04117 | | XA528 | 66 | | | | | | | | | | TDRS2A | 03 | TD088P | 01 | 1 | TDD | JP | | 31A | |
| 01027 | | XA528 | 67 | | | | | | | | | | GND | 01 | | | | TDD | | | 40B | |
| 07505 | | XA528 | 68 | | | | | | | | | | TXR0CS | 03 | TD088I | 01 | 1 | TDD | JI | | 32A | |
| 08223 | | XA528 | 69 | | | | | | | | | | TD118P | 01 | TD118P | 00 | 1 | TDD | MP | | 35A | |
| 04040 | | XA528 | 70 | | | | | | | | | | TDCP20 | 03 | TD088N | 01 | 1 | TDD | JN | | 33A | |
| 07602 | | XA528 | 71 | | | | | | | | | | TXR3CS | 09 | TD118I | 01 | 1 | TDD | MI | | 36A | |
| 04039 | | XA528 | 72 | | | | | | | | | | TDCP20 | 02 | TD118N | 01 | 1 | TDD | MN | | 34A | |
| 04118 | | XA528 | 73 | | | | | | | | | | TDRS2A | 04 | TD118P | 01 | 1 | TDD | MP | | 36B | |
| 04177 | | XA528 | 74 | | | | | | | | | | TD118Q | 02 | TD118Q | 00 | 1 | TDD | MQ | | 35B | |
| 04119 | | XA528 | 75 | | | | | | | | | | TDRS2A | 05 | TD108P | 01 | 1 | TDD | LP | | 37B | |
| 08222 | | XA528 | 76 | | | | | | | | | | TD108P | 01 | TD108P | 00 | 1 | TDD | LP | | 37A | |
| 07580 | | XA528 | 77 | | | | | | | | | | TXR2CS | 02 | TD108I | 01 | 1 | TDD | LI | | 38B | |
| 04175 | | XA528 | 78 | | | | | | | | | | TD108Q | 02 | TD108Q | 00 | 1 | TDD | LO | | 38A | |
| 04038 | | XA528 | 79 | | | | | | | | | | TDCP20 | 01 | TD108N | 01 | 1 | TDD | LN | | 39B | |
| 05543 | | XA528 | 80 | | | | | | | | | | TR10CA | 01 | TD108Q | 01 | 1 | TDD | LO | | 39A | |
| 04043 | | XA529 | 01 | | | | | | | | | | TDCP30 | 01 | TD138N | 01 | 1 | TDD | BN | | 02B | |
| 01028 | | XA529 | 02 | | | | | | | | | | GND | 01 | | | | TDD | | | 01B | |
| 05558 | | XA529 | 03 | | | | | | | | | | TR13CA | 01 | TD138Q | 01 | 1 | TDD | BQ | | 02A | |
| 04120 | | XA529 | 04 | | | | | | | | | | TDRS3A | 01 | TD138P | 01 | 1 | TDD | BP | | 04A | |
| 07623 | | XA529 | 05 | | | | | | | | | | TXR5CS | 04 | TD138I | 01 | 1 | TDD | BI | | 03B | |
| 04121 | | XA529 | 06 | | | | | | | | | | TDRS3A | 02 | TD128P | 01 | 1 | TDD | AP | | 05A | |
| 04181 | | XA529 | 07 | | | | | | | | | | TD138Q | 02 | TD138Q | 00 | 1 | TDD | BQ | | 03A | |
| 07611 | | XA529 | 08 | | | | | | | | | | TXR4CS | 04 | TD128I | 01 | 1 | TDD | AT | | 06A | |
| 08225 | | XA529 | 09 | | | | | | | | | | TD138P | 01 | TD138P | 00 | 1 | TDD | BP | | 04B | |
| 04044 | | XA529 | 10 | | | | | | | | | | TDCP30 | 02 | TD128N | 01 | 1 | TDD | AN | | 07A | |
| 08224 | | XA529 | 11 | | | | | | | | | | TD128P | 01 | TD128P | 00 | 1 | TDD | AP | | 05B | |
| 00211 | | XA529 | 12 | | | | | | | | | | +5V | 01 | | | | TDD | | | | |
| 04179 | | XA529 | 13 | | | | | | | | | | TD128Q | 02 | TD128Q | 00 | 1 | TDD | AQ | | 06B | |
| 04045 | | XA529 | 14 | | | | | | | | | | TDCP30 | 03 | TD158N | 01 | 1 | TDD | DN | | 09A | |
| 05553 | | XA529 | 15 | | | | | | | | | | TR12CA | 01 | TD128Q | 01 | 1 | TDD | AQ | | 07B | |
| 01029 | | XA529 | 16 | | | | | | | | | | GND | 01 | | | | TDD | | | 20B | |
| 05568 | | XA529 | 17 | | | | | | | | | | TR15CA | 01 | TD158Q | 01 | 1 | TDD | DQ | | 08B | |
| 07647 | | XA529 | 18 | | | | | | | | | | TXR7CS | 04 | TD158I | 01 | 1 | TDD | DT | | 10A | |
| CONNECTOR (XA529) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1409

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA529
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 395

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO | |
|---|--------|-----------|-----|-----|-------|-------|-------|-------|-------|-------|--------|--------|----------|-------------|------------------|-------|---------------------|-------------|-------|--------------------|--------------------|--------------------|
| | PREFIX | CONNECTOR | PIN | PIN | PIN | DR PE | DR PE | DR PE | DR PE | DR PE | | | | | | | | DR PE | DR PE | | | AND |
| 04185 | | XA529 | 19 | | | | | | | | | TD15BQ | 02 | TD15BQ | 00 | 1 | TDD | DQ | | 09B | INPUT DATA REG BIT | |
| 04122 | | XA529 | 20 | | XA529 | 22 | | | 16B | 9 | | TDRS3A | 03 | TD15BP | 01 | 1 | TDD | DP | | 11A | | |
| 08227 | | XA529 | 21 | | | | | | | | | TD15BP | 01 | TD15BP | 00 | 1 | TDD | DP | | | 10B | |
| 04123 | | XA529 | 22 | | XA520 | 63 | | | 16B | 9 | | TDRS3A | 04 | TD14BP | 01 | 1 | TDD | CP | | | 12A | |
| 08226 | | XA529 | 23 | | | | | | | | | TD14BP | 01 | TD14BP | 00 | 1 | TDD | CP | | | 11B | |
| 07637 | | XA529 | 24 | | XA530 | 54 | | | 16B | 9 | | TXR6CS | 06 | TD14BI | 01 | 1 | TDD | CI | | | 13A | |
| 04183 | | XA529 | 25 | | | | | | | | | TD14BQ | 02 | TD14BQ | 00 | 1 | TDD | CQ | | | 12B | |
| 04046 | | XA529 | 26 | | XA520 | 39 | | | 16B | 9 | | TDCP30 | 04 | TD14BN | 01 | 1 | TDD | CN | | | 14A | |
| 05563 | | XA529 | 27 | | XA536 | 45 | | | 16B | 9 | | TR14CA | 01 | TD14BQ | 01 | 1 | TDD | CQ | | | 13B | |
| 00212 | | XA529 | 28 | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 05578 | | XA529 | 29 | | XA537 | 01 | | | 16B | 9 | | TR17CA | 01 | TD17BQ | 01 | 1 | TDD | FQ | | | 14B | |
| 04048 | | XA529 | 30 | | XA529 | 42 | | | 16B | 9 | | TDCP40 | 01 | TD17BN | 01 | 1 | TDD | FN | | | 15A | |
| 04189 | | XA529 | 31 | | | | | | | | | TD17BQ | 02 | TD17BQ | 00 | 1 | TDD | FQ | | | 15B | |
| 01030 | | XA529 | 32 | | | | | | | | | GND | 01 | | | | TDD | | | | 21B | |
| 08229 | | XA529 | 33 | | | | | | | | | TD17BP | 01 | TD17BP | 00 | 1 | TDD | FP | | | 16B | |
| 07564 | | XA529 | 34 | | XA528 | 05 | | | 16B | 9 | | TXR1CS | 04 | TD17BI | 01 | 1 | TDD | FI | | | 16A | |
| 08228 | | XA529 | 35 | | | | | | | | | TD16BP | 01 | TD16BP | 00 | 1 | TDD | EP | | | 17B | |
| 04125 | | XA529 | 36 | | XA529 | 38 | | | 16B | 9 | | TDRS4A | 01 | TD17BP | 01 | 1 | TDD | EP | | | 17A | |
| 04187 | | XA529 | 37 | | | | | | | | | TD16BQ | 02 | TD16BQ | 00 | 1 | TDD | EQ | | | 18B | INPUT DATA REG BIT |
| 04126 | | XA529 | 38 | | XA529 | 50 | | | 16B | 9 | | TDRS4A | 02 | TD16BP | 01 | 1 | TDD | EP | | | 18A | |
| 05573 | | XA529 | 39 | | XA537 | 06 | | | 16B | 9 | | TR16CA | 01 | TD16BQ | 01 | 1 | TDD | EQ | | | 19B | |
| 07506 | | XA529 | 40 | | XA528 | 08 | | | 16B | 9 | | TXR0CS | 04 | TD16BI | 01 | 1 | TDD | EI | | | 19A | |
| 05588 | | XA529 | 41 | | XA537 | 15 | | | 16B | 9 | | TR19CA | 01 | TD19BQ | 01 | 1 | TDD | HQ | | | 22B | |
| 04049 | | XA529 | 42 | | XA529 | 46 | | | 16B | 9 | | TDCP40 | 02 | TD16BN | 01 | 1 | TDD | FN | | | 20A | |
| 04193 | | XA529 | 43 | | | | | | | | | TD19BQ | 02 | TD19BQ | 00 | 1 | TDD | HQ | | | 23B | |
| 01031 | | XA529 | 44 | | | | | | | | | GND | 01 | | | | TDD | | | | 27A | |
| 08231 | | XA529 | 45 | | | | | | | | | TD19BP | 01 | TD19BP | 00 | 1 | TDD | HP | | | 24B | |
| 04050 | | XA529 | 46 | | XA529 | 56 | | | 16B | 9 | | TDCP40 | 03 | TD19BN | 01 | 1 | TDD | HN | | | 21A | |
| 08230 | | XA529 | 47 | | | | | | | | | TD18BP | 01 | TD18BP | 00 | 1 | TDD | GP | | | 25B | |
| 07601 | | XA529 | 48 | | XA528 | 71 | | | 16B | 9 | | TXR3CS | 08 | TD19BI | 01 | 1 | TDD | HI | | | 22A | |
| 04191 | | XA529 | 49 | | | | | | | | | TD18BQ | 02 | TD18BQ | 00 | 1 | TDD | GQ | | | 26B | |
| 04127 | | XA529 | 50 | | XA529 | 52 | | | 16B | 9 | | TDRS4A | 03 | TD19BP | 01 | 1 | TDD | HP | | | 23A | |
| 05583 | | XA529 | 51 | | XA537 | 09 | | | 16B | 9 | | TR18CA | 01 | TD18BQ | 01 | 1 | TDD | GQ | | | 27B | |
| 04128 | | XA529 | 52 | | XA520 | 75 | | | 16B | 9 | | TDRS4A | 04 | TD18BP | 01 | 1 | TDD | GP | | | 24A | |
| 05598 | | XA529 | 53 | | XA537 | 14 | | | 16B | 9 | | TR21CA | 01 | TD21BQ | 01 | 1 | TDD | KQ | | | 28B | |
| 07581 | | XA529 | 54 | | XA528 | 24 | | | 16B | 9 | | TXR2CS | 03 | TD18BI | 01 | 1 | TDD | GI | | | 25A | |
| 04197 | | XA529 | 55 | | | | | | | | | TD21BQ | 02 | TD21BQ | 00 | 1 | TDD | KQ | | | 29B | |
| 04051 | | XA529 | 56 | | XA520 | 52 | | | 16B | 9 | | TDCP40 | 04 | TD18BN | 01 | 1 | TDD | GN | | | 26A | |
| 08233 | | XA529 | 57 | | | | | | | | | TD21BP | 01 | TD21BP | 00 | 1 | TDD | KP | | | 30B | |
| 01032 | | XA529 | 58 | | | | | | | | | GND | 01 | | | | TDD | | | | 40A | |
| 08232 | | XA529 | 59 | | | | | | | | | TD20BP | 01 | TD20BP | 00 | 1 | TDD | JP | | | 31B | |
| 04054 | | XA529 | 60 | | XA529 | 70 | | | 16B | 9 | | TDCP50 | 02 | TD21BN | 01 | 1 | TDD | KN | | | 28A | |
| 04195 | | XA529 | 61 | | | | | | | | | TD20BQ | 02 | TD20BQ | 00 | 1 | TDD | JQ | | | 32B | |
| 07620 | | XA529 | 62 | | XA530 | 34 | | | 16B | 9 | | TXR5CS | 01 | TD21BI | 01 | 1 | TDD | KI | | | 29A | |
| 05593 | | XA529 | 63 | | XA537 | 22 | | | 16B | 9 | | TR20CA | 01 | TD20BQ | 01 | 1 | TDD | JQ | | | 33B | |
| 04130 | | XA529 | 64 | | XA529 | 66 | | | 16B | 9 | | TDRS5A | 01 | TD21BP | 01 | 1 | TDD | KP | | | 30A | |
| 05608 | | XA529 | 65 | | XA537 | 27 | | | 16B | 9 | | TR23CA | 01 | TD23BQ | 01 | 1 | TDD | MQ | | | 34B | |
| 04131 | | XA529 | 66 | | XA529 | 75 | | | 16B | 9 | | TDRS5A | 02 | TD20BP | 01 | 1 | TDD | JP | | | 31A | |
| 01033 | | XA529 | 67 | | | | | | | | | GND | 01 | | | | TDD | | | | 40B | |
| 07608 | | XA529 | 68 | | XA530 | 40 | | | 16B | 9 | | TXR4CS | 01 | TD20BI | 01 | 1 | TDD | JI | | | 32A | |
| CONNECTOR (XA529) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1410

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA529
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 396

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SPEC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|----------------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FTG | PREFIX | CONNECTOR | PIN | SH FTG | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 08235 | XA529 | 59 | | | | | | | | | | | TD238P | 01 | TD238P | 00 | 1 | TDD | MP | | 35A | | |
| 04055 | XA529 | 70 | | | XA529 | 72 | | | 168 | 9 | | | TDCP50 | 03 | TD208N | 01 | 1 | TDD | JN | | 33A | | |
| 07544 | XA529 | 71 | | | XA528 | 48 | | | 168 | 9 | | | TXR7CS | 01 | TD238I | 01 | 1 | TDD | MI | | 36A | | |
| 04056 | XA529 | 72 | | | XA529 | 79 | | | 168 | 9 | | | TDCP50 | 04 | TD238N | 01 | 1 | TDD | MN | | 34A | | |
| 04133 | XA529 | 73 | | | XA520 | 72 | | | 168 | 9 | | | TDR55A | 04 | TD238P | 01 | 1 | TDD | MP | | 36B | | |
| 04201 | XA529 | 74 | | | | | | | | | | | TD238Q | 02 | TD238Q | 00 | 1 | TDD | MQ | | 35B | INPUT DATA REG BIT | |
| 04132 | XA529 | 75 | | | XA529 | 73 | | | 168 | 9 | | | TDR55A | 03 | TD228P | 01 | 1 | TDD | LP | | 37B | | |
| 08234 | XA529 | 76 | | | | | | | | | | | TD228P | 01 | TD228P | 00 | 1 | TDD | LP | | 37A | | |
| 07540 | XA529 | 77 | | | | | | | | | | | TXR6CS | 09 | TD228I | 01 | 1 | TDD | LI | | 38B | | |
| 04199 | XA529 | 78 | | | | | | | | | | | TD228Q | 02 | TD228Q | 00 | 1 | TDD | LQ | | 38A | | |
| 04057 | XA529 | 79 | | | | | | | | | | | TDCP50 | 05 | TD228N | 01 | 1 | TDD | LN | | 39B | | |
| 05604 | XA529 | 80 | | | | | | | | | | | TR22CA | 02 | TD228Q | 01 | 1 | TDD | LQ | | 39A | | |
| 04058 | XA530 | 01 | | | XA530 | 10 | | | 168 | 9 | | | TDCP60 | 01 | TD258N | 01 | 1 | TDD | 8N | | 02B | | |
| 01034 | XA530 | 02 | | | | | | | | | | | GND | 01 | | | | TDD | | | 01B | | |
| 05618 | XA530 | 03 | | | XA537 | 30 | | | 168 | 9 | | | TR25CA | 01 | TD258Q | 01 | 1 | TDD | 8Q | | 02A | | |
| 04139 | XA530 | 04 | | | | | | | | | | | TDR56A | 05 | TD258P | 01 | 1 | TDD | 8P | | 04A | | |
| 07566 | XA530 | 05 | | | XA431 | 60 | | | 168 | 9 | | | TXR1CS | 06 | TD258I | 01 | 1 | TDD | 8I | | 03B | | |
| 04138 | XA530 | 06 | | | XA530 | 04 | | | 168 | 9 | | | TDR56A | 04 | TD248P | 01 | 1 | TDD | AP | | 05A | | |
| 04205 | XA530 | 07 | | | | | | | | | | | TD258Q | 02 | TD258Q | 00 | 1 | TDD | 8Q | | 03A | | |
| 07508 | XA530 | 08 | | | XA431 | 46 | | | 168 | 9 | | | TXR0CS | 06 | TD248I | 01 | 1 | TDD | AI | | 06A | | |
| 08237 | XA530 | 09 | | | | | | | | | | | TD258P | 01 | TD258P | 00 | 1 | TDD | 8P | | 04B | READ/NO INTERRUPT | |
| 04059 | XA530 | 10 | | | XA530 | 14 | | | 168 | 9 | | | TDCP60 | 02 | TD248N | 01 | 1 | TDD | AN | | 07A | | |
| 08236 | XA530 | 11 | | | | | | | | | | | TD248P | 01 | TD248P | 00 | 1 | TDD | AP | | 05B | | |
| 00213 | XA530 | 12 | | | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 04203 | XA530 | 13 | | | | | | | | | | | TD248Q | 02 | TD248Q | 00 | 1 | TDD | AQ | | 06B | INPUT DATA REG BIT | |
| 04060 | XA530 | 14 | | | XA530 | 26 | | | 168 | 9 | | | TDCP60 | 03 | TD278N | 01 | 1 | TDD | DN | | 09A | | |
| 05614 | XA530 | 15 | | | | | | | | | | | TR24CA | 02 | TD248Q | 01 | 1 | TDD | AQ | | 07B | | |
| 01035 | XA530 | 16 | | | | | | | | | | | GND | 01 | | | | TDD | | | 20B | | |
| 05628 | XA530 | 17 | | | XA537 | 39 | | | 168 | 9 | | | TR27CA | 01 | TD278Q | 01 | 1 | TDD | DQ | | 08B | | |
| 07599 | XA530 | 18 | | | XA528 | 18 | | | 168 | 9 | | | TXR3CS | 06 | TD278I | 01 | 1 | TDD | DI | | 10A | | |
| 04209 | XA530 | 19 | | | | | | | | | | | TD278Q | 02 | TD278Q | 00 | 1 | TDD | DQ | | 09B | | |
| 04137 | XA530 | 20 | | | XA530 | 06 | | | 168 | 9 | | | TDR56A | 03 | TD278P | 01 | 1 | TDD | DP | | 11A | | |
| 08239 | XA530 | 21 | | | | | | | | | | | TD278P | 01 | TD278P | 00 | 1 | TDD | DP | | 10B | | |
| 04136 | XA530 | 22 | | | XA530 | 20 | | | 168 | 9 | | | TDR56A | 02 | TD268P | 01 | 1 | TDD | CP | | 12A | | |
| 08238 | XA530 | 23 | | | | | | | | | | | TD268P | 01 | TD268P | 00 | 1 | TDD | CP | | 11B | | |
| 07583 | XA530 | 24 | | | XA431 | 59 | | | 168 | 9 | | | TXR2CS | 05 | TD268I | 01 | 1 | TDD | CI | | 13A | | |
| 04207 | XA530 | 25 | | | | | | | | | | | TD268Q | 02 | TD268Q | 00 | 1 | TDD | CQ | | 12B | | |
| 04061 | XA530 | 26 | | | XA520 | 45 | | | 168 | 9 | | | TDCP60 | 04 | TD268N | 01 | 1 | TDD | CN | | 14A | | |
| 05624 | XA530 | 27 | | | | | | | | | | | TR26CA | 02 | TD268Q | 01 | 1 | TDD | CQ | | 13B | | |
| 00214 | XA530 | 28 | | | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 05639 | XA530 | 29 | | | | | | | | | | | TR29CA | 02 | TD298Q | 01 | 1 | TDD | FQ | | 14B | | |
| 04067 | XA530 | 30 | | | | | | | | | | | TDCP70 | 05 | TD298N | 01 | 1 | TDD | FN | | 15A | | |
| 04213 | XA530 | 31 | | | | | | | | | | | TD298Q | 02 | TD298Q | 00 | 1 | TDD | FQ | | 15B | | |
| 01036 | XA530 | 32 | | | | | | | | | | | GND | 01 | | | | TDD | | | 21B | | |
| 08261 | XA530 | 33 | | | | | | | | | | | TD298P | 01 | TD298P | 00 | 1 | TDD | FP | | 16B | | |
| 07621 | XA530 | 34 | | | XA528 | 34 | | | 168 | 9 | | | TXR5CS | 02 | TD298I | 01 | 1 | TDD | FI | | 16A | | |
| 08240 | XA530 | 35 | | | | | | | | | | | TD288P | 01 | TD288P | 00 | 1 | TDD | EP | | 17B | | |
| 04140 | XA530 | 36 | | | XA530 | 38 | | | 168 | 9 | | | TDR57A | 01 | TD298P | 01 | 1 | TDD | FP | | 17A | | |
| CONNECTOR XA530 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1411

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA530
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 397

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|-----------|-----------|---------------------------------|------|--------|-----------|-----|------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | INFO | PREFIX | CONNECTOR | PIN | INFO | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 04211 | | XA530 | 37 | | | | | | | | | | TD288Q | 02 | TD288Q | 00 | 1 | TDD | EQ | | 18B | | |
| 04141 | | XA530 | 38 | | XA530 | 50 | | | 16B | 9 | | | TDRS7A | 02 | TD288P | 01 | 1 | TDD | EP | | 18A | | |
| 05634 | | XA530 | 39 | | | | | | | | | | TR28CA | 02 | TD288Q | 01 | 1 | TDD | EQ | | 19B | | |
| 07609 | | XA530 | 40 | | XA528 | 40 | | | 16B | 9 | | | TXR4CS | 02 | TD288I | 01 | 1 | TDD | ET | | 19A | | |
| 05649 | | XA530 | 41 | | | | | | | | | | TR31CA | 02 | TD318Q | 01 | 1 | TDD | HQ | | 22B | | |
| 04066 | | XA530 | 42 | | XA530 | 30 | | | 16B | 9 | | | TDCP70 | 04 | TD288N | 01 | 1 | TDD | FN | | 20A | | |
| 04217 | | XA530 | 43 | | | | | | | | | | TD318Q | 02 | TD318Q | 00 | 1 | TDD | HQ | | 23B | INPUT DATA REG BIT | |
| 01037 | | XA530 | 44 | | | | | | | | | | GND | 01 | | | | TDD | | | 27A | | |
| 08243 | | XA530 | 45 | | | | | | | | M | | TD318P | 01 | TD318P | 00 | 1 | TDD | HP | | 24B | | |
| 04065 | | XA530 | 46 | | XA530 | 42 | | | 16B | 9 | | | TDCP70 | 03 | TD318N | 01 | 1 | TDD | HN | | 21A | | |
| 08242 | | XA530 | 47 | | | | | | | | M | | TD308P | 01 | TD308P | 00 | 1 | TDD | GP | | 25B | | |
| 07646 | | XA530 | 48 | | XA529 | 18 | | | 16B | 9 | | | TXR7CS | 03 | TD318I | 01 | 1 | TDD | HT | | 22A | | |
| 04215 | | XA530 | 49 | | | | | | | | | | TD308Q | 02 | TD308Q | 00 | 1 | TDD | GQ | | 26B | | |
| 04142 | | XA530 | 50 | | XA530 | 52 | | | 16B | 9 | | | TDRS7A | 03 | TD318P | 01 | 1 | TDD | HP | | 23A | | |
| 05643 | | XA530 | 51 | | XA537 | 45 | | | 16B | 9 | | | TR30CA | 01 | TD308Q | 01 | 1 | TDD | GQ | | 27B | | |
| 04143 | | XA530 | 52 | | XA520 | 80 | | | 16B | 9 | | | TDRS7A | 04 | TD308P | 01 | 1 | TDD | GP | | 24A | | |
| 05303 | | XA530 | 53 | | XA531 | 53 | | | 16B | 9 | | | TRST1A | 03 | TR018Q | 01 | 1 | TDD | KQ | | 28B | | |
| 07638 | | XA530 | 54 | | XA528 | 54 | | | 16B | 9 | | | TXR6CS | 07 | TD308I | 01 | 1 | TDD | GI | | 25A | | |
| 05497 | | XA530 | 55 | | | | | | | | | | TR018Q | 03 | TR018Q | 00 | 1 | TDD | KQ | | 29B | | |
| 04064 | | XA530 | 56 | | XA530 | 46 | | | 16B | 9 | | | TDCP70 | 02 | TD308N | 01 | 1 | TDD | GN | | 26A | | |
| 08299 | | XA530 | 57 | | | | | | | | M | | TR018P | 01 | TR018P | 00 | 1 | TDD | KP | | 30B | | |
| 01038 | | XA530 | 58 | | | | | | | | | | GND | 01 | | | | TDD | | | 40A | | |
| 08298 | | XA530 | 59 | | | | | | | | M | | TRO0BP | 01 | TRO0BP | 00 | 1 | TDD | JP | | 31B | | |
| 04929 | | XA530 | 60 | | XA519 | 66 | | | 16B | 9 | | | TRCP00 | 04 | TR018N | 01 | 1 | TDD | KN | | 28A | | |
| 05492 | | XA530 | 61 | | | | | | | | | | TRO0BQ | 03 | TRO0BQ | 00 | 1 | TDD | JQ | | 32B | OUTPUT DATA REG B1 | |
| 03567 | | XA530 | 62 | | XA533 | 31 | | | 16B | 9 | | | TB018Q | 01 | TR018I | 01 | 1 | TDD | KI | | 29A | | |
| 05291 | | XA530 | 63 | | XA531 | 63 | | | 16B | 9 | | | TRST0A | 03 | TRO0BQ | 01 | 1 | TDD | JQ | | 33B | | |
| 05251 | | XA530 | 64 | | XA531 | 20 | | | 16B | 9 | | | TRRS1A | 03 | TR018P | 01 | 1 | TDD | KP | | 30A | | |
| 05302 | | XA530 | 65 | | XA530 | 53 | | | 16B | 9 | | | TRST1A | 02 | TR038Q | 01 | 1 | TDD | MQ | | 34B | | |
| 05240 | | XA530 | 66 | | XA531 | 06 | | | 16B | 9 | | | TRRS0A | 02 | TRO0BP | 01 | 1 | TDD | JP | | 31A | | |
| 01039 | | XA530 | 67 | | | | | | | | | | GND | 01 | | | | TDD | | | 40B | | |
| 03565 | | XA530 | 68 | | XA533 | 37 | | | 16B | 9 | | | TB008Q | 01 | TR008I | 01 | 1 | TDD | JT | | 32A | | |
| 08301 | | XA530 | 69 | | | | | | | | M | | TR038P | 01 | TR038P | 00 | 1 | TDD | MP | | 35A | | |
| 04928 | | XA530 | 70 | | XA530 | 60 | | | 16B | 9 | | | TRCP00 | 03 | TRO0BN | 01 | 1 | TDD | JN | | 33A | | |
| 03571 | | XA530 | 71 | | XA533 | 43 | | | 16B | 9 | | | TB038Q | 01 | TR038I | 01 | 1 | TDD | MI | | 36A | | |
| 04927 | | XA530 | 72 | | XA530 | 70 | | | 16B | 9 | | | TRCP00 | 02 | TR038N | 01 | 1 | TDD | MN | | 34A | | |
| 05250 | | XA530 | 73 | | XA530 | 64 | | | 16B | 9 | | | TRRS1A | 02 | TR038P | 01 | 1 | TDD | MP | | 36B | | |
| 05507 | | XA530 | 74 | | | | | | | | | | TR038Q | 03 | TR038Q | 00 | 1 | TDD | MQ | | 35B | | |
| 05239 | | XA530 | 75 | | XA530 | 66 | | | 16B | 9 | | | TRRS0A | 01 | TR028P | 01 | 1 | TDD | LP | | 37B | | |
| 08300 | | XA530 | 76 | | | | | | | | M | | TR028P | 01 | TR028P | 00 | 1 | TDD | LP | | 37A | | |
| 03569 | | XA530 | 77 | | XA533 | 49 | | | 16B | 9 | | | TB028Q | 01 | TR028I | 01 | 1 | TDD | LI | | 38B | | |
| 05502 | | XA530 | 78 | | | | | | | | | | TR028Q | 03 | TR028Q | 00 | 1 | TDD | LQ | | 38A | | |
| 04926 | | XA530 | 79 | | XA530 | 72 | | | 16B | 9 | | | TRCP00 | 01 | TR028N | 01 | 1 | TDD | LN | | 39B | | |
| 05290 | | XA530 | 80 | | XA530 | 63 | | | 16B | 9 | | | TRST0A | 02 | TR028Q | 01 | 1 | TDD | LQ | | 39A | | |
| 04935 | | XA531 | 01 | | | | | | | | | | TRCP10 | 05 | TR058N | 01 | 1 | TDD | BN | | 02B | | |
| 01040 | | XA531 | 02 | | | | | | | | | | GND | 01 | | | | TDD | | | 01R | | |
| 05308 | | XA531 | 03 | | XA516 | 01 | | | 16B | 9 | | | TRST1A | 08 | TR058Q | 01 | 1 | TDD | BQ | | 02A | | |
| 05253 | | XA531 | 04 | | | | | | | | | | TRRS1A | 05 | TR058P | 01 | 1 | TDD | BP | | 04A | | |
| | CONNECTOR | XA531 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

H78-14 1412

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA531
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 398

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|---------------------------------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|-------|--------|--------|----------|------|------------------|-------|---------------------|--------------------|---------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FCF | PREFIX | CONNECTOR | PIN | SH FCF | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | |
| 03575 | XA531 | 05 | | | XA533 | 55 | | | | 168 | 9 | | TB05BQ | 01 | TR05B I | 01 | 1 | TDD | BI | 03B | | |
| 05241 | XA531 | 06 | | | XA531 | 22 | | | | 168 | 9 | | TRRS0A | 03 | TR048P | 01 | 1 | TDD | AP | 05A | | |
| 05517 | XA531 | 07 | | | | | | | | | | | TR05BQ | 03 | TR058Q | 00 | 1 | TDD | BO | 03A | | |
| 03573 | XA531 | 08 | | | XA533 | 61 | | | | 168 | 9 | | TB04BQ | 01 | TR048 I | 01 | 1 | TDD | AI | 06A | | |
| 08303 | XA531 | 09 | | | | | | | | | | | TR05BP | 01 | TR058P | 00 | 1 | TDD | BP | 04B | | |
| 04934 | XA531 | 10 | | | XA531 | 01 | | | | 168 | 9 | | TRCP10 | 04 | TR048N | 01 | 1 | TDD | AN | 07A | | |
| 08302 | XA531 | 11 | | | | | | | | | | | TR04BP | 01 | TR048P | 00 | 1 | TDD | AP | 05B | | |
| 00215 | XA531 | 12 | | | | | | | | | | | +5V | 01 | | | | TDD | | | | |
| 05512 | XA531 | 13 | | | | | | | | | | | TR04BQ | 03 | TR048Q | 00 | 1 | TDD | AO | 06B | | |
| 04933 | XA531 | 14 | | | XA531 | 10 | | | | 168 | 9 | | TRCP10 | 03 | TR078N | 01 | 1 | TDD | DN | 09A | | |
| 05296 | XA531 | 15 | | | XA516 | 06 | | | | 168 | 9 | | TRST0A | 08 | TR048Q | 01 | 1 | TDD | AQ | 07B | | |
| 01041 | XA531 | 16 | | | | | | | | | | | GND | 01 | | | | TDD | | 20B | | |
| 05307 | XA531 | 17 | | | XA531 | 03 | | | | 168 | 9 | | TRST1A | 07 | TR078Q | 01 | 1 | TDD | DQ | 08B | | |
| 03579 | XA531 | 18 | | | XA533 | 74 | | | | 168 | 9 | | TB07BQ | 01 | TR078 I | 01 | 1 | TDD | DI | 10A | | |
| 05527 | XA531 | 19 | | | | | | | | | | | TR07BQ | 03 | TR078Q | 00 | 1 | TDD | DQ | 09B | OUTPUT DATA REG B I | |
| 05252 | XA531 | 20 | | | XA531 | 04 | | | | 168 | 9 | | TRRS1A | 04 | TR078P | 01 | 1 | TDD | DP | 11A | | |
| 08305 | XA531 | 21 | | | | | | | | | | | TR07BP | 01 | TR078P | 00 | 1 | TDD | DP | 10B | | |
| 05242 | XA531 | 22 | | | XA516 | 22 | | | | 168 | 9 | | TRRS0A | 04 | TR068P | 01 | 1 | TDD | CP | 12A | | |
| 08304 | XA531 | 23 | | | | | | | | | | | TR06BP | 01 | TR068P | 00 | 1 | TDD | CP | 11B | | |
| 03577 | XA531 | 24 | | | XA533 | 78 | | | | 168 | 9 | | TB06BQ | 01 | TR068 I | 01 | 1 | TDD | CI | 13A | | |
| 05522 | XA531 | 25 | | | | | | | | | | | TR06BQ | 03 | TR068Q | 00 | 1 | TDD | CQ | 12B | | |
| 04932 | XA531 | 26 | | | XA531 | 14 | | | | 168 | 9 | | TRCP10 | 02 | TR068N | 01 | 1 | TDD | CN | 14A | | |
| 05295 | XA531 | 27 | | | XA531 | 15 | | | | 168 | 9 | | TRST0A | 07 | TR068Q | 01 | 1 | TDD | CQ | 13B | | |
| 00216 | XA531 | 28 | | | | | | | | | | | +5V | 01 | | | | TDD | | | | |
| 05306 | XA531 | 29 | | | XA531 | 17 | | | | 168 | 9 | | TRST1A | 06 | TR098Q | 01 | 1 | TDD | FO | 14B | | |
| 04936 | XA531 | 30 | | | XA531 | 42 | | | | 168 | 9 | | TRCP20 | 01 | TR098N | 01 | 1 | TDD | FN | 15A | | |
| 05537 | XA531 | 31 | | | | | | | | | | | TR09BQ | 03 | TR098Q | 00 | 1 | TDD | FO | 15B | | |
| 01042 | XA531 | 32 | | | | | | | | | | | GND | 01 | | | | TDD | | 21B | | |
| 08307 | XA531 | 33 | | | | | | | | | | | TR09BP | 01 | TR098P | 00 | 1 | TDD | FP | 16B | | |
| 03583 | XA531 | 34 | | | XA534 | 07 | | | | 168 | 9 | | TB09BQ | 01 | TR098 I | 01 | 1 | TDD | FI | 16A | | |
| 08306 | XA531 | 35 | | | | | | | | | | | TR08BP | 01 | TR088P | 00 | 1 | TDD | EP | 17B | | |
| 05267 | XA531 | 36 | | | XA516 | 30 | | | | 168 | 9 | | TRRS3A | 04 | TR098P | 01 | 1 | TDD | FP | 17A | | |
| 05532 | XA531 | 37 | | | | | | | | | | | TR08BQ | 03 | TR088Q | 00 | 1 | TDD | EQ | 18B | OUTPUT DATA REG B I | |
| 05262 | XA531 | 38 | | | XA516 | 14 | | | | 168 | 9 | | TRRS2A | 04 | TR088P | 01 | 1 | TDD | EP | 18A | | |
| 05294 | XA531 | 39 | | | XA531 | 27 | | | | 168 | 9 | | TRST0A | 06 | TR088Q | 01 | 1 | TDD | EQ | 19B | | |
| 03582 | XA531 | 40 | | | | | | | | | | | TB08BQ | 02 | TR088 I | 01 | 1 | TDD | ET | 19A | | |
| 05305 | XA531 | 41 | | | XA531 | 29 | | | | 168 | 9 | | TRST1A | 05 | TR118Q | 01 | 1 | TDD | HQ | 22B | | |
| 04937 | XA531 | 42 | | | XA531 | 46 | | | | 168 | 9 | | TRCP20 | 02 | TR088N | 01 | 1 | TDD | FN | 20A | | |
| 05547 | XA531 | 43 | | | | | | | | | | | TR11BQ | 03 | TR118Q | 00 | 1 | TDD | HQ | 23B | | |
| 01043 | XA531 | 44 | | | | | | | | | | | GND | 01 | | | | TDD | | 27A | | |
| 08309 | XA531 | 45 | | | | | | | | | | | TR11BP | 01 | TR118P | 00 | 1 | TDD | HP | 24B | | |
| 04938 | XA531 | 46 | | | XA531 | 56 | | | | 168 | 9 | | TRCP20 | 03 | TR118N | 01 | 1 | TDD | HN | 21A | | |
| 08308 | XA531 | 47 | | | | | | | | | | | TR10BP | 01 | TR108P | 00 | 1 | TDD | GP | 25B | | |
| 03587 | XA531 | 48 | | | XA534 | 19 | | | | 168 | 9 | | TB11BQ | 01 | TR118 I | 01 | 1 | TDD | HT | 22A | | |
| 05542 | XA531 | 49 | | | | | | | | | | | TR10BQ | 03 | TR108Q | 00 | 1 | TDD | GQ | 26B | | |
| 05266 | XA531 | 50 | | | XA531 | 36 | | | | 168 | 9 | | TRRS3A | 03 | TR118P | 01 | 1 | TDD | HP | 23A | | |
| 05293 | XA531 | 51 | | | XA531 | 39 | | | | 168 | 9 | | TRST0A | 05 | TR108Q | 01 | 1 | TDD | GQ | 27B | | |
| 05261 | XA531 | 52 | | | XA531 | 38 | | | | 168 | 9 | | TRRS2A | 03 | TR108P | 01 | 1 | TDD | GP | 24A | | |
| 05304 | XA531 | 53 | | | XA531 | 41 | | | | 168 | 9 | | TRST1A | 04 | TR138Q | 01 | 1 | TDD | KQ | 28B | | |
| 03585 | XA531 | 54 | | | XA534 | 25 | | | | 168 | 9 | | TB10BQ | 01 | TR108 I | 01 | 1 | TDD | GT | 25A | | |
| CONNECTOR | XA531 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA531
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 399

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SPE INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SN FC | PREFIX | CONNECTOR | PIN | SN FC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | |
| 05557 | | XA531 | 55 | | | | | | | | | | TR13BQ | 03 | TR13BQ | 00 | 1 | TDD | KO | | 29B | | | |
| 04939 | | XA531 | 56 | | XA519 | 57 | | | 16B | 9 | | | TRCP20 | 04 | TR10BN | 01 | 1 | TDD | GN | | 26A | | | |
| 08311 | | XA531 | 57 | | | | | | | | | | TR13BP | 01 | TR13BP | 00 | 1 | TDD | KP | | 30B | | | |
| 01044 | | XA531 | 58 | | | | | | | | | | GND | 01 | | | | TDD | | | 40A | | | |
| 08310 | | XA531 | 59 | | | | | | | | | | TR12BP | 01 | TR12BP | 00 | 1 | TDD | JP | | 31B | | | |
| 04942 | | XA531 | 60 | | XA531 | 70 | | | 16B | 9 | | | TRCP30 | 02 | TR13BN | 01 | 1 | TDD | KN | | 28A | | | |
| 05552 | | XA531 | 61 | | | | | | | | | | TR12BQ | 03 | TR12BQ | 00 | 1 | TDD | JO | | 32B | | | |
| 03591 | | XA531 | 62 | | XA534 | 31 | | | 16B | 9 | | | TB13BQ | 01 | TR13BI | 01 | 1 | TDD | KI | | 29A | | | |
| 05292 | | XA531 | 63 | | XA531 | 51 | | | 16B | 9 | | | TRSTOA | 04 | TR12BQ | 01 | 1 | TDD | JO | | 33B | | | |
| 05265 | | XA531 | 64 | | XA531 | 50 | | | 16B | 9 | | | TRRS3A | 02 | TR13BP | 01 | 1 | TDD | KP | | 30A | | | |
| 05301 | | XA531 | 65 | | XA530 | 65 | | | 16B | 9 | | | TRST1A | 01 | TR15BQ | 01 | 1 | TDD | MQ | | 34B | | | |
| 05260 | | XA531 | 66 | | XA531 | 52 | | | 16B | 9 | | | TRRS2A | 02 | TR12BP | 01 | 1 | TDD | JP | | 31A | | | |
| 01045 | | XA531 | 67 | | | | | | | | | | GND | 01 | | | | TDD | | | 40B | | | |
| 03589 | | XA531 | 68 | | XA534 | 37 | | | 16B | 9 | | | TB12BQ | 01 | TR12BI | 01 | 1 | TDD | JT | | 32A | | | |
| 08313 | | XA531 | 69 | | | | | | | | | | TR15BP | 01 | TR15BP | 00 | 1 | TDD | MP | | 35A | | | |
| 04943 | | XA531 | 70 | | XA531 | 72 | | | 16B | 9 | | | TRCP30 | 03 | TR12BN | 01 | 1 | TDD | JN | | 33A | | | |
| 03595 | | XA531 | 71 | | XA534 | 43 | | | 16B | 9 | | | TB15BQ | 01 | TR15BI | 01 | 1 | TDD | MI | | 36A | | | |
| 04944 | | XA531 | 72 | | XA531 | 79 | | | 16B | 9 | | | TRCP30 | 04 | TR15BN | 01 | 1 | TDD | MN | | 34A | | | |
| 05264 | | XA531 | 73 | | XA531 | 64 | | | 16B | 9 | | | TRRS3A | 01 | TR15BP | 01 | 1 | TDD | MP | | 36B | | | |
| 05567 | | XA531 | 74 | | | | | | | | | | TR15BQ | 03 | TR15BQ | 00 | 1 | TDD | MQ | | 35B | | | |
| 05259 | | XA531 | 75 | | XA531 | 66 | | | 16B | 9 | | | TRRS2A | 01 | TR14BP | 01 | 1 | TDD | LP | | 37B | OUTPUT DATA REG B | | |
| 08312 | | XA531 | 76 | | | | | | | | | | TR14BP | 01 | TR14BP | 00 | 1 | TDD | LP | | 37A | | | |
| 03593 | | XA531 | 77 | | XA534 | 49 | | | 16B | 9 | | | TB14BQ | 01 | TR14BI | 01 | 1 | TDD | LI | | 38B | | | |
| 05562 | | XA531 | 78 | | | | | | | | | | TR14BQ | 03 | TR14BQ | 00 | 1 | TDD | LQ | | 38A | | | |
| 04945 | | XA531 | 79 | | | | | | | | | | TRCP30 | 05 | TR14BN | 01 | 1 | TDD | LN | | 39B | | | |
| 05289 | | XA531 | 80 | | XA530 | 80 | | | 16B | 9 | | | TRSTOA | 01 | TR14BQ | 01 | 1 | TDD | LQ | | 39A | | | |
| 04946 | | XA532 | 01 | | XA532 | 10 | | | 16B | 9 | | | TRCP40 | 01 | TR17BN | 01 | 1 | TDD | BN | | 02B | | | |
| 01046 | | XA532 | 02 | | | | | | | | | | GND | 01 | | | | TDD | | | 01B | | | |
| 05329 | | XA532 | 03 | | XA516 | 15 | | | 16B | 9 | | | TRST5A | 08 | TR17BQ | 01 | 1 | TDD | BQ | | 02A | | | |
| 05278 | | XA532 | 04 | | | | | | | | | | TRRS5A | 05 | TR17BP | 01 | 1 | TDD | BP | | 04A | | | |
| 03599 | | XA532 | 05 | | XA534 | 55 | | | 16B | 9 | | | TB17BQ | 01 | TR17BI | 01 | 1 | TDD | BI | | 03B | | | |
| 05271 | | XA532 | 06 | | XA532 | 22 | | | 16B | 9 | | | TRRS4A | 03 | TR16BP | 01 | 1 | TDD | AP | | 05A | | | |
| 05577 | | XA532 | 07 | | | | | | | | | | TR17BQ | 03 | TR17BQ | 00 | 1 | TDD | BQ | | 03A | | | |
| 03597 | | XA532 | 08 | | XA534 | 61 | | | 16B | 9 | | | TB16BQ | 01 | TR16BI | 01 | 1 | TDD | AI | | 06A | | | |
| 08315 | | XA532 | 09 | | | | | | | | | | TR17BP | 01 | TR17BP | 00 | 1 | TDD | BP | | 04B | | | |
| 04947 | | XA532 | 10 | | XA532 | 14 | | | 16B | 9 | | | TRCP40 | 02 | TR16BN | 01 | 1 | TDD | AN | | 07A | | | |
| 08314 | | XA532 | 11 | | | | | | | | | | TR16BP | 01 | TR16BP | 00 | 1 | TDD | AP | | 05B | | | |
| 00217 | | XA532 | 12 | | | | | | | | | | +5V | 01 | | | | TDD | | | | | | |
| 05572 | | XA532 | 13 | | | | | | | | | | TR16BQ | 03 | TR16BQ | 00 | 1 | TDD | AQ | | 06B | OUTPUT DATA REG B | | |
| 04948 | | XA532 | 14 | | XA532 | 26 | | | 16B | 9 | | | TRCP40 | 03 | TR19BN | 01 | 1 | TDD | DN | | 09A | | | |
| 05320 | | XA532 | 15 | | XA516 | 09 | | | 16B | 9 | | | TRST4A | 08 | TR16BQ | 01 | 1 | TDD | AO | | 07B | | | |
| 01047 | | XA532 | 16 | | | | | | | | | | GND | 01 | | | | TDD | | | 20B | | | |
| 05326 | | XA532 | 17 | | XA533 | 17 | | | 16B | 9 | | | TRST5A | 05 | TR19BQ | 01 | 1 | TDD | DQ | | 08B | | | |
| 03603 | | XA532 | 18 | | XA534 | 74 | | | 16B | 9 | | | TB19BQ | 01 | TR19BI | 01 | 1 | TDD | DT | | 10A | | | |
| 05587 | | XA532 | 19 | | | | | | | | | | TR19BQ | 03 | TR19BQ | 00 | 1 | TDD | DQ | | 09B | | | |
| 05277 | | XA532 | 20 | | XA532 | 04 | | | 16B | 9 | | | TRRS5A | 04 | TR19BP | 01 | 1 | TDD | DP | | 11A | | | |
| 08317 | | XA532 | 21 | | | | | | | | | | TR19BP | 01 | TR19BP | 00 | 1 | TDD | DP | | 10B | | | |
| 05272 | | XA532 | 22 | | XA516 | 21 | | | 16B | 9 | | | TRRS4A | 04 | TR18BP | 01 | 1 | TDD | CP | | 12A | | | |
| CONNECTOR XA532 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA532
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 400

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SPEC INST | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|-----------|--------|--------|----------|------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH-10 | PREFIX | CONNECTOR | PIN | SH-10 | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | |
| 08316 | XA532 | | 23 | | | | | | | | | | | TR188P | 01 | TR188P | 00 | 1 | TDD | CP | | 11B | | |
| 03601 | XA532 | | 24 | | XA534 | | 78 | | | 16B | 9 | | | TB188Q | 01 | TR188I | 01 | 1 | TDD | CI | | 13A | | |
| 05582 | XA532 | | 25 | | | | | | | | | | | TR188Q | 03 | TR188Q | 00 | 1 | TDD | CQ | | 12B | | |
| 04949 | XA532 | | 26 | | XA519 | | 75 | | | 16B | 9 | | | TRCP40 | 04 | TR188N | 01 | 1 | TDD | CN | | 14A | | |
| 05317 | XA532 | | 27 | | XA533 | | 27 | | | 16B | 9 | | | TRST4A | 05 | TR188Q | 01 | 1 | TDD | CQ | | 13B | | |
| 00218 | XA532 | | 28 | | | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 05325 | XA532 | | 29 | | XA532 | | 17 | | | 16B | 9 | | | TRST5A | 04 | TR218Q | 01 | 1 | TDD | FQ | | 14B | | |
| 04951 | XA532 | | 30 | | XA532 | | 42 | | | 16B | 9 | | | TRCP50 | 01 | TR218N | 01 | 1 | TDD | FN | | 15A | | |
| 05597 | XA532 | | 31 | | | | | | | | | | | TR218Q | 03 | TR218Q | 00 | 1 | TDD | FO | | 15B | | |
| 01048 | XA532 | | 32 | | | | | | | | | | | GND | 01 | | | | TDD | | | 21B | | |
| 08319 | XA532 | | 33 | | | | | | | | | | | TR218P | 01 | TR218P | 00 | 1 | TDD | FP | | 16B | | |
| 03607 | XA532 | | 34 | | XA535 | | 07 | | | 16B | 9 | | | TB218Q | 01 | TR218I | 01 | 1 | TDD | FI | | 16A | | |
| 08318 | XA532 | | 35 | | | | | | | | | | | TR208P | 01 | TR208P | 00 | 1 | TDD | EP | | 17B | | |
| 05276 | XA532 | | 36 | | XA532 | | 20 | | | 16B | 9 | | | TRRS5A | 03 | TR218P | 01 | 1 | TDD | EP | | 17A | | |
| 05592 | XA532 | | 37 | | | | | | | | | | | TR208Q | 03 | TR208Q | 00 | 1 | TDD | EQ | | 18B | | |
| 05270 | XA532 | | 38 | | XA532 | | 06 | | | 16B | 9 | | | TRRS4A | 02 | TR208P | 01 | 1 | TDD | EP | | 18A | | |
| 05316 | XA532 | | 39 | | XA532 | | 27 | | | 16B | 9 | | | TRST4A | 04 | TR208Q | 01 | 1 | TDD | EQ | | 19B | | |
| 03605 | XA532 | | 40 | | XA535 | | 13 | | | 16B | 9 | | | TB208Q | 01 | TR208I | 01 | 1 | TDD | EI | | 19A | | |
| 05324 | XA532 | | 41 | | XA532 | | 29 | | | 16B | 9 | | | TRST5A | 03 | TR238Q | 01 | 1 | TDD | HQ | | 22B | | |
| 04952 | XA532 | | 42 | | XA532 | | 46 | | | 16B | 9 | | | TRCP50 | 02 | TR208N | 01 | 1 | TDD | EN | | 20A | | |
| 05607 | XA532 | | 43 | | | | | | | | | | | TR238Q | 03 | TR238Q | 00 | 1 | TDD | HQ | | 23B | OUTPUT DATA REG B | |
| 01049 | XA532 | | 44 | | | | | | | | | | | GND | 01 | | | | TDD | | | 27A | | |
| 08321 | XA532 | | 45 | | | | | | | | | | | TR238P | 01 | TR238P | 00 | 1 | TDD | HP | | 24B | | |
| 04953 | XA532 | | 46 | | XA532 | | 56 | | | 16B | 9 | | | TRCP50 | 03 | TR238N | 01 | 1 | TDD | HN | | 21A | | |
| 08320 | XA532 | | 47 | | | | | | | | | | | TR228P | 01 | TR228P | 00 | 1 | TDD | GP | | 25B | | |
| 03611 | XA532 | | 48 | | XA535 | | 19 | | | 16B | 9 | | | TB238Q | 01 | TR238I | 01 | 1 | TDD | HI | | 22A | | |
| 05602 | XA532 | | 49 | | | | | | | | | | | TR228Q | 03 | TR228Q | 00 | 1 | TDD | GO | | 26B | | |
| 05275 | XA532 | | 50 | | XA532 | | 36 | | | 16B | 9 | | | TRRS5A | 02 | TR238P | 01 | 1 | TDD | HP | | 23A | | |
| 05315 | XA532 | | 51 | | XA532 | | 39 | | | 16B | 9 | | | TRST4A | 03 | TR228Q | 01 | 1 | TDD | GO | | 27B | | |
| 05269 | XA532 | | 52 | | XA532 | | 38 | | | 16B | 9 | | | TRRS4A | 01 | TR228P | 01 | 1 | TDD | GP | | 24A | | |
| 05323 | XA532 | | 53 | | XA532 | | 41 | | | 16B | 9 | | | TRST5A | 02 | TR258Q | 01 | 1 | TDD | KQ | | 28B | | |
| 03609 | XA532 | | 54 | | XA535 | | 25 | | | 16B | 9 | | | TB228Q | 01 | TR228I | 01 | 1 | TDD | GI | | 25A | | |
| 05617 | XA532 | | 55 | | | | | | | | | | | TR258Q | 03 | TR258Q | 00 | 1 | TDD | KQ | | 29B | | |
| 04954 | XA532 | | 56 | | XA519 | | 72 | | | 16B | 9 | | | TRCP50 | 04 | TR228N | 01 | 1 | TDD | GN | | 26A | | |
| 08323 | XA532 | | 57 | | | | | | | | | | | TR258P | 01 | TR258P | 00 | 1 | TDD | KP | | 30B | | |
| 01050 | XA532 | | 58 | | | | | | | | | | | GND | 01 | | | | TDD | | | 40A | | |
| 08322 | XA532 | | 59 | | | | | | | | | | | TR248P | 01 | TR248P | 00 | 1 | TDD | JP | | 31B | | |
| 04956 | XA532 | | 60 | | XA532 | | 70 | | | 16B | 9 | | | TRCP60 | 01 | TR258N | 01 | 1 | TDD | KN | | 28A | | |
| 05612 | XA532 | | 61 | | | | | | | | | | | TR248Q | 03 | TR248Q | 00 | 1 | TDD | JO | | 32B | OUTPUT DATA REG B | |
| 03615 | XA532 | | 62 | | XA535 | | 31 | | | 16B | 9 | | | TB258Q | 01 | TR258I | 01 | 1 | TDD | KI | | 29A | | |
| 05314 | XA532 | | 63 | | XA532 | | 51 | | | 16B | 9 | | | TRST4A | 02 | TR248Q | 01 | 1 | TDD | JO | | 33B | | |
| 05286 | XA532 | | 64 | | XA533 | | 20 | | | 16B | 9 | | | TRRS7A | 03 | TR258P | 01 | 1 | TDD | KP | | 30A | | |
| 05322 | XA532 | | 65 | | XA532 | | 53 | | | 16B | 9 | | | TRST5A | 01 | TR278Q | 01 | 1 | TDD | MQ | | 34B | | |
| 05280 | XA532 | | 66 | | XA533 | | 06 | | | 16B | 9 | | | TRRS6A | 02 | TR248P | 01 | 1 | TDD | JP | | 31A | | |
| 01051 | XA532 | | 67 | | | | | | | | | | | GND | 01 | | | | TDD | | | 40B | | |
| 03613 | XA532 | | 68 | | XA535 | | 37 | | | 16B | 9 | | | TB248Q | 01 | TR248I | 01 | 1 | TDD | JJ | | 32A | | |
| 08325 | XA532 | | 69 | | | | | | | | | | | TR278P | 01 | TR278P | 00 | 1 | TDD | MP | | 35A | | |
| 04957 | XA532 | | 70 | | XA532 | | 72 | | | 16B | 9 | | | TRCP60 | 02 | TR248N | 01 | 1 | TDD | JN | | 33A | | |
| 03619 | XA532 | | 71 | | XA535 | | 43 | | | 16B | 9 | | | TB278Q | 01 | TR278I | 01 | 1 | TDD | MI | | 36A | | |
| 04958 | XA532 | | 72 | | XA532 | | 79 | | | 16B | 9 | | | TRCP60 | 03 | TR278N | 01 | 1 | TDD | MN | | 34A | | |
| CONNECTOR (XA532) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA532
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 401

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|---------------------------------|--------|-----------|-----|-------------|------|-------|-------|--------|--------|----------|--------|--------|------------------|-------|---------------------|--------------------|--------------------|--------------------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 05285 | | XA532 | 73 | | XA532 | 64 | | | 16B | 9 | | TRRS7A | 02 | TR27BP | 01 | 1 | TDD | MP | | 36B | |
| 05627 | | XA532 | 74 | | | | | | | | | TR27BQ | 03 | TR27BQ | 00 | 1 | TDD | MQ | | 35B | |
| 05279 | | XA532 | 75 | | XA532 | 66 | | | 16B | 9 | | TRRS6A | 01 | TR26BP | 01 | 1 | TDD | LP | | 37B | |
| 08324 | | XA532 | 76 | | | | | | | | | TR26BP | 01 | TR26BP | 00 | 1 | TDD | LP | | 37A | |
| 03617 | | XA532 | 77 | | XA535 | 49 | | | 16B | 9 | | TB26BQ | 01 | TR26BI | 01 | 1 | TDD | LI | | 38B | |
| 05622 | | XA532 | 78 | | | | | | | | | TR26BQ | 03 | TR26BQ | 00 | 1 | TDD | LQ | | 38A | |
| 04959 | | XA532 | 79 | | XA519 | 69 | | | 16B | 9 | | TRCP60 | 04 | TR26BN | 01 | 1 | TDD | LN | | 39B | |
| 05313 | | XA532 | 80 | | XA532 | 63 | | | 16B | 9 | | TRST4A | 01 | TR26BQ | 01 | 1 | TDD | LQ | | 39A | |
| 04961 | | XA533 | 01 | | XA533 | 10 | | | 16B | 9 | | TRCP70 | 01 | TR29BN | 01 | 1 | TDD | BN | | 02B | |
| 01052 | | XA533 | 02 | | | | | | | | | GND | 01 | | | | TDD | | | 01B | |
| 05328 | | XA533 | 03 | | XA532 | 03 | | | 16B | 9 | | TRST5A | 07 | TR29BQ | 01 | 1 | TDD | BQ | | 02A | |
| 05288 | | XA533 | 04 | | | | | | | | | TRRS7A | 05 | TR29BP | 01 | 1 | TDD | BP | | 04A | |
| 03623 | | XA533 | 05 | | XA535 | 55 | | | 16B | 9 | | TB29BQ | 01 | TR29BI | 01 | 1 | TDD | BI | | 03B | |
| 05281 | | XA533 | 06 | | XA533 | 22 | | | 16B | 9 | | TRRS6A | 03 | TR28BP | 01 | 1 | TDD | AP | | 05A | |
| 05637 | | XA533 | 07 | | | | | | | | | TR29BQ | 03 | TR29BQ | 00 | 1 | TDD | BO | | 03A | |
| 03621 | | XA533 | 08 | | XA535 | 61 | | | 16B | 9 | | TB28BQ | 01 | TR28BI | 01 | 1 | TDD | AI | | 06A | |
| 08327 | | XA533 | 09 | | | | | | | | | TR29BP | 01 | TR29BP | 00 | 1 | TDD | BP | | 04B | |
| 04962 | | XA533 | 10 | | XA533 | 14 | | | 16B | 9 | | TRCP70 | 02 | TR28BN | 01 | 1 | TDD | AN | | 07A | |
| 08326 | | XA533 | 11 | | | | | | | | | TR28BP | 01 | TR28BP | 00 | 1 | TDD | AP | | 05B | |
| 00219 | | XA533 | 12 | | | | | | | | | +5V | 01 | | | | TDD | | | | |
| 05632 | | XA533 | 13 | | | | | | | | | TR28BQ | 03 | TR28BQ | 00 | 1 | TDD | AO | | 06B | |
| 04963 | | XA533 | 14 | | XA533 | 26 | | | 16B | 9 | | TRCP70 | 03 | TR31BN | 01 | 1 | TDD | DN | | 09A | |
| 05319 | | XA533 | 15 | | XA532 | 15 | | | 16B | 9 | | TRST4A | 07 | TR28BQ | 01 | 1 | TDD | AQ | | 07B | |
| 01053 | | XA533 | 16 | | | | | | | | | GND | 01 | | | | TDD | | | 20B | |
| 05327 | | XA533 | 17 | | XA533 | 03 | | | 16B | 9 | | TRST5A | 06 | TR31BQ | 01 | 1 | TDD | DQ | | 08B | |
| 03627 | | XA533 | 18 | | XA535 | 74 | | | 16B | 9 | | TB31BQ | 01 | TR31BI | 01 | 1 | TDD | DJ | | 10A | |
| 05647 | | XA533 | 19 | | | | | | | | | TR31BQ | 03 | TR31BQ | 00 | 1 | TDD | DQ | | 09B | OUTPUT DATA REG BI |
| 05287 | | XA533 | 20 | | XA533 | 04 | | | 16B | 9 | | TRRS7A | 04 | TR31BP | 01 | 1 | TDD | DP | | 11A | |
| 08329 | | XA533 | 21 | | | | | | | | | TR31BP | 01 | TR31BP | 00 | 1 | TDD | DP | | 10B | |
| 05282 | | XA533 | 22 | | XA516 | 27 | | | 16B | 9 | | TRRS6A | 04 | TR30BP | 01 | 1 | TDD | CP | | 12A | |
| 08328 | | XA533 | 23 | | | | | | | | | TR30BP | 01 | TR30BP | 00 | 1 | TDD | CP | | 11B | |
| 03625 | | XA533 | 24 | | XA535 | 78 | | | 16B | 9 | | TB30BQ | 01 | TR30BI | 01 | 1 | TDD | CI | | 13A | |
| 05642 | | XA533 | 25 | | | | | | | | | TR30BQ | 03 | TR30BQ | 00 | 1 | TDD | CQ | | 12B | |
| 04964 | | XA533 | 26 | | XA519 | 80 | | | 16B | 9 | | TRCP70 | 04 | TR30BN | 01 | 1 | TDD | CN | | 14A | |
| 05318 | | XA533 | 27 | | XA533 | 15 | | | 16B | 9 | | TRST4A | 06 | TR30BQ | 01 | 1 | TDD | CQ | | 13B | |
| 00220 | | XA533 | 28 | | | | | | | | | +5V | 01 | | | | TDD | | | | |
| 01436 | | XA533 | 29 | | XA534 | 29 | | | 16B | 9 | | SPI008 | 11 | TB01BQ | 01 | 1 | TDD | FQ | | 14B | |
| 03441 | | XA533 | 30 | | XA533 | 42 | | | 16B | 9 | | TB01BQ | 02 | TB01BN | 01 | 1 | TDD | EN | | 15A | |
| 03568 | | XA533 | 31 | | | | | | | | | TB01BQ | 02 | TB01BQ | 00 | 1 | TDD | FQ | | 15B | |
| 01054 | | XA533 | 32 | | | | | | | | | GND | 01 | | | | TDD | | | 21B | |
| 08159 | | XA533 | 33 | | | | | | | | | TB01BP | 01 | TB01BP | 00 | 1 | TDD | FP | | 16B | |
| 04156 | | XA533 | 34 | | XA528 | 07 | | | 16B | 9 | | TB01BQ | 01 | TB01BI | 01 | 1 | TDD | ET | | 16A | |
| 08158 | | XA533 | 35 | | | | | | | | | TB00BP | 01 | TB00BP | 00 | 1 | TDD | EP | | 17B | |
| 01816 | | XA533 | 36 | | XA534 | 36 | | | 16B | 9 | | SPI023 | 12 | TB01BP | 01 | 1 | TDD | EP | | 17A | |
| 03566 | | XA533 | 37 | | | | | | | | | TB00BQ | 02 | TB00BQ | 00 | 1 | TDD | EQ | | 18B | BUFFER REG BIT 0 |
| 01881 | | XA533 | 38 | | XA534 | 38 | | | 16B | 9 | | SPI025 | 15 | TB00BP | 01 | 1 | TDD | EP | | 18A | |
| 01840 | | XA533 | 39 | | XA533 | 51 | | | 16B | 9 | | SPI024 | 11 | TB00BQ | 01 | 1 | TDD | EQ | | 19B | |
| 04154 | | XA533 | 40 | | XA528 | 13 | | | 16B | 9 | | TB00BQ | 01 | TB00BI | 01 | 1 | TDD | EI | | 19A | |
| CONNECTOR | | XA533 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | |

H78-14 1416

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA533
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 402

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|----------------------------------|------|--------|-----------|-----|------|-------------|------|-------|-------|--------|--------|----------|------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SHIF | PREFIX | CONNECTOR | PIN | SHIF | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 01441 | | XA533 | 41 | | | | | | | | | | SPI008 | 16 | TB03BQ | 01 | 1 | TDD | HO | | 22B | | |
| 03442 | | XA533 | 42 | | | | | | | | | | TBCP00 | 03 | TB00BN | 01 | 1 | TDD | EN | | 20A | | |
| 03572 | | XA533 | 43 | | | | | | | | | | TB03BQ | 02 | TB03BQ | 00 | 1 | TDD | HO | | 23B | | |
| 01055 | | XA533 | 44 | | | | | | | | | | GND | 01 | | | | TDD | | | 27A | | |
| 08161 | | XA533 | 45 | | | | | | | | | | TB03BP | 01 | TB03BP | 00 | 1 | TDD | HP | | 24B | | |
| 03443 | | XA533 | 46 | | | | | | | | | | TBCP00 | 04 | TB03BN | 01 | 1 | TDD | HN | | 21A | | |
| 08160 | | XA533 | 47 | | | | | | | | | | TB02BP | 01 | TB02BP | 00 | 1 | TDD | GP | | 29B | | |
| 04160 | | XA533 | 48 | | | | | | | | | | TD03BQ | 01 | TB03BI | 01 | 1 | TDD | HI | | 22A | | |
| 03570 | | XA533 | 49 | | | | | | | | | | TB02BQ | 02 | TB02BQ | 00 | 1 | TDD | GO | | 26B | | |
| 01815 | | XA533 | 50 | | | | | | | | | | SPI023 | 11 | TB03BP | 01 | 1 | TDD | HP | | 23A | | |
| 01841 | | XA533 | 51 | | | | | | | | | | SPI024 | 12 | TB02BQ | 01 | 1 | TDD | GO | | 27B | | |
| 01880 | | XA533 | 52 | | | | | | | | | | SPI025 | 14 | TB02BP | 01 | 1 | TDD | GP | | 24A | | |
| 01442 | | XA533 | 53 | | | | | | | | | | SPI008 | 17 | TB05BQ | 01 | 1 | TDD | KQ | | 28B | | |
| 04158 | | XA533 | 54 | | | | | | | | | | TD02BQ | 01 | TB02BI | 01 | 1 | TDD | GI | | 25A | | |
| 03576 | | XA533 | 55 | | | | | | | | | | TB05BQ | 02 | TB05BQ | 00 | 1 | TDD | KQ | | 29B | | |
| 03444 | | XA533 | 56 | | | | | | | | | | TBCP00 | 05 | TB02BN | 01 | 1 | TDD | GN | | 26A | | |
| 08163 | | XA533 | 57 | | | | | | | | | | TB05BP | 01 | TB05BP | 00 | 1 | TDD | KP | | 30B | | |
| 01056 | | XA533 | 58 | | | | | | | | | | GND | 01 | | | | TDD | | | 40A | | |
| 08162 | | XA533 | 59 | | | | | | | | | | TB04BP | 01 | TB04BP | 00 | 1 | TDD | JP | | 31B | | |
| 03448 | | XA533 | 60 | | | | | | | | | | TBCP10 | 04 | TB05BN | 01 | 1 | TDD | KN | | 28A | | |
| 03574 | | XA533 | 61 | | | | | | | | | | TB04BQ | 02 | TB04BQ | 00 | 1 | TDD | JO | | 32B | | |
| 04164 | | XA533 | 62 | | | | | | | | | | TD05BQ | 01 | TB05BI | 01 | 1 | TDD | KI | | 29A | | |
| 01846 | | XA533 | 63 | | | | | | | | | | SPI024 | 17 | TB04BQ | 01 | 1 | TDD | JO | | 33B | | |
| 01810 | | XA533 | 64 | | | | | | | | | | SPI023 | 06 | TB05BP | 01 | 1 | TDD | KP | | 30A | | |
| 01447 | | XA533 | 65 | | | | | | | | | | SPI008 | 22 | TB07BQ | 01 | 1 | TDD | MQ | | 34B | | |
| 01875 | | XA533 | 66 | | | | | | | | | | SPI025 | 09 | TB04BP | 01 | 1 | TDD | JP | | 31A | | |
| 01057 | | XA533 | 67 | | | | | | | | | | GND | 01 | | | | TDD | | | 40B | | |
| 04162 | | XA533 | 68 | | | | | | | | | | TD04BQ | 01 | TB04BI | 01 | 1 | TDD | JI | | 32A | | |
| 08165 | | XA533 | 69 | | | | | | | | | | TB07BP | 01 | TB07BP | 00 | 1 | TDD | MP | | 35A | | |
| 03447 | | XA533 | 70 | | | | | | | | | | TBCP10 | 03 | TB04BN | 01 | 1 | TDD | JN | | 33A | | |
| 04168 | | XA533 | 71 | | | | | | | | | | TD07BQ | 01 | TB07BI | 01 | 1 | TDD | MI | | 36A | | |
| 03446 | | XA533 | 72 | | | | | | | | | | TBCP10 | 02 | TB07BN | 01 | 1 | TDD | MN | | 34A | | |
| 01807 | | XA533 | 73 | | | | | | | | | | SPI023 | 03 | TB07BP | 01 | 1 | TDD | MP | | 36B | | |
| 03580 | | XA533 | 74 | | | | | | | | | | TB07BQ | 02 | TB07BQ | 00 | 1 | TDD | MQ | | 35B | | |
| 01874 | | XA533 | 75 | | | | | | | | | | SPI025 | 08 | TB06BP | 01 | 1 | TDD | LP | | 37B | | |
| 08164 | | XA533 | 76 | | | | | | | | | | TB06BP | 01 | TB06BP | 00 | 1 | TDD | LP | | 37A | | |
| 04166 | | XA533 | 77 | | | | | | | | | | TD06BQ | 01 | TB06BI | 01 | 1 | TDD | LI | | 38B | | |
| 03578 | | XA533 | 78 | | | | | | | | | | TB06BQ | 02 | TB06BQ | 00 | 1 | TDD | LQ | | 38A | | |
| 03445 | | XA533 | 79 | | | | | | | | | | TBCP10 | 01 | TB06BN | 01 | 1 | TDD | LN | | 39B | | |
| 01847 | | XA533 | 80 | | | | | | | | | | SPI024 | 18 | TB06BQ | 01 | 1 | TDD | LQ | | 39A | | |
| 03450 | | XA534 | 01 | | | | | | | | | | TBCP20 | 01 | TB09BN | 01 | 1 | TDD | BN | | 02B | | |
| 01058 | | XA534 | 02 | | | | | | | | | | GND | 01 | | | | TDD | | | 01B | | |
| 01432 | | XA534 | 03 | | | | | | | | | | SPI008 | 07 | TB09BQ | 01 | 1 | TDD | BQ | | 02A | | |
| 01821 | | XA534 | 04 | | | | | | | | | | SPI023 | 17 | TB09BP | 01 | 1 | TDD | BP | | 04A | | |
| 04172 | | XA534 | 05 | | | | | | | | | | TD09BQ | 01 | TB09BI | 01 | 1 | TDD | BI | | 03B | | |
| 01886 | | XA534 | 06 | | | | | | | | | | SPI025 | 20 | TB08BP | 01 | 1 | TDD | AP | | 05A | | |
| 03584 | | XA534 | 07 | | | | | | | | | | TB09BQ | 02 | TB09BQ | 00 | 1 | TDD | BQ | | 03A | | |
| 04170 | | XA534 | 08 | | | | | | | | | | TD08BQ | 01 | TB08BI | 01 | 1 | TDD | AI | | 06A | | |
| CONNECTOR | | XA534 | CONTINUED ON THE NEXT PAGE ***** | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA534
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 403

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SFC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|-----|--------|-----------|-----|-------|-------------|------|-------|---------------|--------|--------|----------|--------|--------|------------------|-------|---------------------|-------------|-----|--------------------|-------------------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | COLOR | | | | | | | | | | IDENT | AND | | |
| 08167 | | XA534 | 09 | | | | | | | | | M | TB09BP | 01 | TB09BP | 00 | 1 | TDD | BP | | 04B | | |
| 03451 | | XA534 | 10 | | XA534 | 14 | | | 16B | 9 | | | TBCP20 | 02 | TB08BN | 01 | 1 | TDD | AN | | 07A | | |
| 08166 | | XA534 | 11 | | | | | | | | | M | TB08BP | 01 | TB08BP | 00 | 1 | TDD | AP | | 05B | | |
| 00221 | | XA534 | 12 | | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 03581 | | XA534 | 13 | | XA531 | 40 | | | 16B | 9 | | | TB08BQ | 01 | TB08BQ | 00 | 1 | TDD | AQ | | 06B | | |
| 03452 | | XA534 | 14 | | XA534 | 26 | | | 16B | 9 | | | TBCP20 | 03 | TB11BN | 01 | 1 | TDD | DN | | 09A | | |
| 01835 | | XA534 | 15 | | XA534 | 27 | | | 16B | 9 | | | SPI024 | 06 | TB08BQ | 01 | 1 | TDD | AQ | | 07B | | |
| 01059 | | XA534 | 16 | | | | | | | | | | GND | 01 | | | | TDD | | | 20B | | |
| 01435 | | XA534 | 17 | | XA533 | 29 | | | 16B | 9 | | | SPI008 | 10 | TB11BQ | 01 | 1 | TDD | DQ | | 08B | | |
| 04176 | | XA534 | 18 | | XA528 | 74 | | | 16B | 9 | | | TD11BQ | 01 | TB11BI | 01 | 1 | TDD | DI | | 10A | | |
| 03588 | | XA534 | 19 | | | | | | | | | | TB11BQ | 02 | TB11BQ | 00 | 1 | TDD | DO | | 09B | | |
| 01820 | | XA534 | 20 | | XA534 | 04 | | | 16B | 9 | | | SPI023 | 16 | TB11BP | 01 | 1 | TDD | DP | | 11A | | |
| 08169 | | XA534 | 21 | | | | | | | | | M | TB11BP | 01 | TB11BP | 00 | 1 | TDD | DP | | 10B | | |
| 01885 | | XA534 | 22 | | XA534 | 06 | | | 16B | 9 | | | SPI025 | 19 | TB10BP | 01 | 1 | TDD | CP | | 12A | | |
| 08168 | | XA534 | 23 | | | | | | | | | M | TB10BP | 01 | TB10BP | 00 | 1 | TDD | CP | | 11B | | |
| 04174 | | XA534 | 24 | | XA528 | 78 | | | 16B | 9 | | | TD10BQ | 01 | TB10BI | 01 | 1 | TDD | CI | | 13A | | |
| 03586 | | XA534 | 25 | | | | | | | | | | TB10BQ | 02 | TB10BQ | 00 | 1 | TDD | CO | | 12B | | |
| 03453 | | XA534 | 26 | | XA519 | 33 | | | 16B | 9 | | | TBCP20 | 04 | TB10BN | 01 | 1 | TDD | CN | | 14A | | |
| 01836 | | XA534 | 27 | | XA535 | 27 | | | 16B | 9 | | | SPI024 | 07 | TB10BQ | 01 | 1 | TDD | CO | | 13B | | |
| 00222 | | XA534 | 28 | | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 01437 | | XA534 | 29 | | XA535 | 29 | | | 16B | 9 | | | SPI008 | 12 | TB13BQ | 01 | 1 | TDD | FQ | | 14B | | |
| 03456 | | XA534 | 30 | | XA534 | 42 | | | 16B | 9 | | | TBCP30 | 02 | TB13BN | 01 | 1 | TDD | FN | | 15A | | |
| 03592 | | XA534 | 31 | | | | | | | | | | TB13BQ | 02 | TB13BQ | 00 | 1 | TDD | FQ | | 15B | | |
| 01060 | | XA534 | 32 | | | | | | | | | | GND | 01 | | | | TDD | | | 21B | | |
| 08171 | | XA534 | 33 | | | | | | | | | M | TB13BP | 01 | TB13BP | 00 | 1 | TDD | FP | | 16B | | |
| 04180 | | XA534 | 34 | | XA529 | 07 | | | 16B | 9 | | | TD13BQ | 01 | TB13BI | 01 | 1 | TDD | FI | | 16A | | |
| 08170 | | XA534 | 35 | | | | | | | | | M | TB12BP | 01 | TB12BP | 00 | 1 | TDD | EP | | 17B | | |
| 01817 | | XA534 | 36 | | XA535 | 36 | | | 16B | 9 | | | SPI023 | 13 | TB13BP | 01 | 1 | TDD | EP | | 17A | | |
| 03590 | | XA534 | 37 | | | | | | | | | | TB12BQ | 02 | TB12BQ | 00 | 1 | TDD | EQ | | 18B | | |
| 01882 | | XA534 | 38 | | XA535 | 38 | | | 16B | 9 | | | SPI025 | 16 | TB12BP | 01 | 1 | TDD | EP | | 18A | | |
| 01839 | | XA534 | 39 | | XA533 | 39 | | | 16B | 9 | | | SPI024 | 10 | TB12BQ | 01 | 1 | TDD | EQ | | 19B | | |
| 04178 | | XA534 | 40 | | XA529 | 13 | | | 16B | 9 | | | TD12BQ | 01 | TB12BI | 01 | 1 | TDD | EI | | 19A | | |
| 01440 | | XA534 | 41 | | XA533 | 41 | | | 16B | 9 | | | SPI008 | 15 | TB15BQ | 01 | 1 | TDD | HQ | | 22B | | |
| 03457 | | XA534 | 42 | | XA534 | 46 | | | 16B | 9 | | | TBCP30 | 03 | TB12BN | 01 | 1 | TDD | EN | | 20A | | |
| 03596 | | XA534 | 43 | | | | | | | | | | TB15BQ | 02 | TB15BQ | 00 | 1 | TDD | HQ | | 23B | | BUFFER REG BIT 15 |
| 01061 | | XA534 | 44 | | | | | | | | | | GND | 01 | | | | TDD | | | 27A | | |
| 08173 | | XA534 | 45 | | | | | | | | | M | TB15BP | 01 | TB15BP | 00 | 1 | TDD | HP | | 24B | | |
| 03458 | | XA534 | 46 | | XA534 | 56 | | | 16B | 9 | | | TBCP30 | 04 | TB15BN | 01 | 1 | TDD | HN | | 21A | | |
| 08172 | | XA534 | 47 | | | | | | | | | M | TB14BP | 01 | TB14BP | 00 | 1 | TDD | GP | | 25B | | |
| 04184 | | XA534 | 48 | | XA529 | 19 | | | 16B | 9 | | | TD15BQ | 01 | TB15BI | 01 | 1 | TDD | HI | | 22A | | |
| 03594 | | XA534 | 49 | | | | | | | | | | TB14BQ | 02 | TB14BQ | 00 | 1 | TDD | GQ | | 26B | | |
| 01814 | | XA534 | 50 | | XA533 | 50 | | | 16B | 9 | | | SPI023 | 10 | TB15BP | 01 | 1 | TDD | HP | | 23A | | |
| 01842 | | XA534 | 51 | | XA535 | 51 | | | 16B | 9 | | | SPI024 | 13 | TB14BQ | 01 | 1 | TDD | GQ | | 27B | | |
| 01879 | | XA534 | 52 | | XA533 | 52 | | | 16B | 9 | | | SPI025 | 13 | TB14BP | 01 | 1 | TDD | GP | | 24A | | |
| 01443 | | XA534 | 53 | | XA535 | 53 | | | 16B | 9 | | | SPI008 | 18 | TB17BQ | 01 | 1 | TDD | KQ | | 28B | | |
| 04182 | | XA534 | 54 | | XA529 | 25 | | | 16B | 9 | | | TD14BQ | 01 | TB14BI | 01 | 1 | TDD | GI | | 25A | | |
| 03600 | | XA534 | 55 | | | | | | | | | | TB17BQ | 02 | TB17BQ | 00 | 1 | TDD | KQ | | 29B | | |
| 03459 | | XA534 | 56 | | | | | | | | | | TBCP30 | 05 | TB14BN | 01 | 1 | TDD | GN | | 26A | | |
| 08175 | | XA534 | 57 | | | | | | | | | M | TB17BP | 01 | TB17BP | 00 | 1 | TDD | KP | | 30B | | |
| 01062 | | XA534 | 58 | | | | | | | | | | GND | 01 | | | | TDD | | | 40A | | |

CONNECTOR (XA534) CONTINUED ON THE NEXT PAGE ****

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA534
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 404

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|---------------------------------|-------|--------|-----------|-----|-------|-------------|------|-------|-------|--------|--------|----------|------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DR TO | PREFIX | CONNECTOR | PIN | DR TO | MULTI-GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 08174 | XA534 | 59 | | | | | | | | | | | TB168P | 01 | TB168P | 00 | 1 | TDD | JP | | 31B | | |
| 03463 | XA534 | 60 | | | XA519 | 52 | | | | 16B | 9 | | TBCP40 | 04 | TB178N | 01 | 1 | TDD | KN | | 28A | | |
| 03598 | XA534 | 61 | | | | | | | | | | | TB168Q | 02 | TB168Q | 00 | 1 | TDD | JQ | | 32B | BUFFER REG BIT 16 | |
| 04188 | XA534 | 62 | | | XA529 | 31 | | | | 16B | 9 | | TD178Q | 01 | TB178I | 01 | 1 | TDD | KI | | 29A | | |
| 01845 | XA534 | 63 | | | XA533 | 63 | | | | 16B | 9 | | SPI024 | 16 | TB168Q | 01 | 1 | TDD | JQ | | 33B | | |
| 01811 | XA534 | 64 | | | XA535 | 64 | | | | 16B | 9 | | SPI023 | 07 | TB178P | 01 | 1 | TDD | KP | | 30A | | |
| 01446 | XA534 | 65 | | | XA533 | 65 | | | | 16B | 9 | | SPI008 | 21 | TB198Q | 01 | 1 | TDD | MQ | | 34B | | |
| 01876 | XA534 | 66 | | | XA535 | 66 | | | | 16B | 9 | | SPI025 | 10 | TB168P | 01 | 1 | TDD | JP | | 31A | | |
| 01063 | XA534 | 67 | | | | | | | | | | | GND | 01 | | | | TDD | | | 40B | | |
| 04186 | XA534 | 68 | | | XA529 | 37 | | | | 16B | 9 | | TD168Q | 01 | TB168I | 01 | 1 | TDD | JT | | 32A | | |
| 08177 | XA534 | 69 | | | | | | | | | | | TB198P | 01 | TB198P | 00 | 1 | TDD | MP | | 35A | | |
| 03462 | XA534 | 70 | | | XA534 | 60 | | | | 16B | 9 | | TBCP40 | 03 | TB168N | 01 | 1 | TDD | JN | | 33A | | |
| 04192 | XA534 | 71 | | | XA529 | 43 | | | | 16B | 9 | | TD198Q | 01 | TB198I | 01 | 1 | TDD | MY | | 36A | | |
| 03461 | XA534 | 72 | | | XA534 | 70 | | | | 16B | 9 | | TBCP40 | 02 | TB198N | 01 | 1 | TDD | MN | | 34A | | |
| 01809 | XA534 | 73 | | | XA533 | 64 | | | | 16B | 9 | | SPI023 | 05 | TB198P | 01 | 1 | TDD | MP | | 34B | | |
| 03604 | XA534 | 74 | | | | | | | | | | | TB198Q | 02 | TB198Q | 00 | 1 | TDD | MQ | | 35B | | |
| 01873 | XA534 | 75 | | | XA533 | 75 | | | | 16B | 9 | | SPI025 | 07 | TB188P | 01 | 1 | TDD | LP | | 37B | | |
| 08176 | XA534 | 76 | | | | | | | | | | | TB188P | 01 | TB188P | 00 | 1 | TDD | LP | | 37A | | |
| 04190 | XA534 | 77 | | | XA529 | 49 | | | | 16B | 9 | | TD188Q | 01 | TB188I | 01 | 1 | TDD | LI | | 38B | | |
| 03602 | XA534 | 78 | | | | | | | | | | | TB188Q | 02 | TB188Q | 00 | 1 | TDD | LQ | | 38A | | |
| 03460 | XA534 | 79 | | | XA534 | 72 | | | | 16B | 9 | | TBCP40 | 01 | TB188N | 01 | 1 | TDD | LN | | 39B | | |
| 01848 | XA534 | 80 | | | XA535 | 80 | | | | 16B | 9 | | SPI024 | 19 | TB188Q | 01 | 1 | TDD | LQ | | 39A | | |
| 03469 | XA535 | 01 | | | | | | | | | | | TBCP50 | 05 | TB218N | 01 | 1 | TDD | BN | | 02B | | |
| 01064 | XA535 | 02 | | | | | | | | | | | GND | 01 | | | | TDD | | | 01B | | |
| 01433 | XA535 | 03 | | | XA535 | 17 | | | | 16B | 9 | | SPI008 | 08 | TB218Q | 01 | 1 | TDD | BQ | | 02A | | |
| 01822 | XA535 | 04 | | | XA442 | 71 | | | | 16B | 9 | | SPI023 | 18 | TB218P | 01 | 1 | TDD | BP | | 04A | | |
| 04196 | XA535 | 05 | | | XA529 | 55 | | | | 16B | 9 | | TD218Q | 01 | TB218I | 01 | 1 | TDD | BI | | 03B | | |
| 01887 | XA535 | 06 | | | XA544 | 47 | | | | 16B | 9 | | SPI025 | 21 | TB208P | 01 | 1 | TDD | AP | | 05A | | |
| 03608 | XA535 | 07 | | | | | | | | | | | TB218Q | 02 | TB218Q | 00 | 1 | TDD | BQ | | 03A | | |
| 04194 | XA535 | 08 | | | XA529 | 61 | | | | 16B | 9 | | TD208Q | 01 | TB208I | 01 | 1 | TDD | AI | | 06A | | |
| 08179 | XA535 | 09 | | | | | | | | | | | TB218P | 01 | TB218P | 00 | 1 | TDD | BP | | 04B | | |
| 03468 | XA535 | 10 | | | XA535 | 01 | | | | 16B | 9 | | TBCP50 | 04 | TB208N | 01 | 1 | TDD | AN | | 07A | | |
| 08178 | XA535 | 11 | | | | | | | | | | | TB208P | 01 | TB208P | 00 | 1 | TDD | AP | | 05B | | |
| 00223 | XA535 | 12 | | | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 03606 | XA535 | 13 | | | | | | | | | | | TB208Q | 02 | TB208Q | 00 | 1 | TDD | AQ | | 06B | | |
| 03467 | XA535 | 14 | | | XA535 | 10 | | | | 16B | 9 | | TBCP50 | 03 | TB238N | 01 | 1 | TDD | DN | | 09A | | |
| 01834 | XA535 | 15 | | | XA534 | 15 | | | | 16B | 9 | | SPI024 | 05 | TB208Q | 01 | 1 | TDD | AQ | | 07B | | |
| 01065 | XA535 | 16 | | | | | | | | | | | GND | 01 | | | | TDD | | | 20B | | |
| 01434 | XA535 | 17 | | | XA534 | 17 | | | | 16B | 9 | | SPI008 | 09 | TB238Q | 01 | 1 | TDD | DO | | 08B | | |
| 04200 | XA535 | 18 | | | XA529 | 74 | | | | 16B | 9 | | TD238Q | 01 | TB238I | 01 | 1 | TDD | DI | | 10A | | |
| 03612 | XA535 | 19 | | | | | | | | | | | TB238Q | 02 | TB238Q | 00 | 1 | TDD | DO | | 09B | BUFFER REG BIT 23 | |
| 01819 | XA535 | 20 | | | XA534 | 20 | | | | 16B | 9 | | SPI023 | 15 | TB238P | 01 | 1 | TDD | DP | | 11A | | |
| 08181 | XA535 | 21 | | | | | | | | | | | TB238P | 01 | TB238P | 00 | 1 | TDD | DP | | 10B | | |
| 01884 | XA535 | 22 | | | XA534 | 22 | | | | 16B | 9 | | SPI025 | 18 | TB228P | 01 | 1 | TDD | CP | | 12A | | |
| 08180 | XA535 | 23 | | | | | | | | | | | TB228P | 01 | TB228P | 00 | 1 | TDD | CP | | 11B | | |
| 04198 | XA535 | 24 | | | XA529 | 78 | | | | 16B | 9 | | TD228Q | 01 | TB228I | 01 | 1 | TDD | CI | | 13A | | |
| 03610 | XA535 | 25 | | | | | | | | | | | TB228Q | 02 | TB228Q | 00 | 1 | TDD | CO | | 12B | | |
| 03466 | XA535 | 26 | | | XA535 | 14 | | | | 16B | 9 | | TBCP50 | 02 | TB228N | 01 | 1 | TDD | CN | | 14A | | |
| CONNECTOR | | XA535 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

H78-14 1419

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA535
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 405

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | Y FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|-------|--------|--------|----------|------|----------|------------------|-------|---------------------|--------------------|--------------------|-------------------|
| | PREFIX | CONNECTOR | PIN | SH. FC | PREFIX | CONNECTOR | PIN | SH. FC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 01837 | | XA535 | 27 | | | XA535 | 39 | | | 16B | 9 | | SPI024 | 08 | TB22BQ | 01 | 1 | TDD | CQ | | 13B | | |
| 00224 | | XA535 | 28 | | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 01438 | | XA535 | 29 | | | XA535 | 41 | | | 16B | 9 | | SPI008 | 13 | TB25BQ | 01 | 1 | TDD | FQ | | 14B | | |
| 03474 | | XA535 | 30 | | | | | | | | | | TBCP60 | 05 | TB25BN | 01 | 1 | TDD | FN | | 15A | | |
| 03616 | | XA535 | 31 | | | | | | | | | | TB25BQ | 02 | TB25BQ | 00 | 1 | TDD | FQ | | 15B | | |
| 01066 | | XA535 | 32 | | | | | | | | | | GND | 01 | | | | TDD | | | 21B | | |
| 08183 | | XA535 | 33 | | | | | | | | | M | TB25BP | 01 | TB25BP | 00 | 1 | TDD | FP | | 16B | | |
| 04204 | | XA535 | 34 | | | XA530 | 07 | | | 16B | 9 | | TD25BQ | 01 | TB25BT | 01 | 1 | TDD | ET | | 16A | | |
| 08182 | | XA535 | 35 | | | | | | | | | M | TB24BP | 01 | TB24BP | 00 | 1 | TDD | EP | | 17B | | |
| 01818 | | XA535 | 36 | | | XA535 | 20 | | | 16B | 9 | | SPI023 | 14 | TB25BP | 01 | 1 | TDD | FP | | 17A | | |
| 03614 | | XA535 | 37 | | | | | | | | | | TB24BQ | 02 | TB24BQ | 00 | 1 | TDD | EQ | | 18B | | BUFFER REG BIT 24 |
| 01883 | | XA535 | 38 | | | XA535 | 22 | | | 16B | 9 | | SPI025 | 17 | TB24BP | 01 | 1 | TDD | EP | | 18A | | |
| 01838 | | XA535 | 39 | | | XA534 | 39 | | | 16B | 9 | | SPI024 | 09 | TB24BQ | 01 | 1 | TDD | EQ | | 19B | | |
| 04202 | | XA535 | 40 | | | XA530 | 13 | | | 16B | 9 | | TD24BQ | 01 | TB24BT | 01 | 1 | TDD | ET | | 19A | | |
| 01439 | | XA535 | 41 | | | XA534 | 41 | | | 16B | 9 | | SPI008 | 14 | TB27BQ | 01 | 1 | TDD | HQ | | 22B | | |
| 03473 | | XA535 | 42 | | | XA535 | 30 | | | 16B | 9 | | TBCP60 | 04 | TB24BN | 01 | 1 | TDD | FN | | 20A | | |
| 03620 | | XA535 | 43 | | | | | | | | | | TB27BQ | 02 | TB27BQ | 00 | 1 | TDD | HQ | | 23B | | |
| 01067 | | XA535 | 44 | | | | | | | | | | GND | 01 | | | | TDD | | | 27A | | |
| 08185 | | XA535 | 45 | | | | | | | | | M | TB27BP | 01 | TB27BP | 00 | 1 | TDD | HP | | 24B | | |
| 03472 | | XA535 | 46 | | | XA535 | 42 | | | 16B | 9 | | TBCP60 | 03 | TB27BN | 01 | 1 | TDD | HN | | 21A | | |
| 08184 | | XA535 | 47 | | | | | | | | | M | TB26BP | 01 | TB26BP | 00 | 1 | TDD | GP | | 25B | | |
| 04208 | | XA535 | 48 | | | XA530 | 19 | | | 16B | 9 | | TD27BQ | 01 | TB27BT | 01 | 1 | TDD | HT | | 22A | | |
| 03618 | | XA535 | 49 | | | | | | | | | | TB26BQ | 02 | TB26BQ | 00 | 1 | TDD | GQ | | 26B | | |
| 01813 | | XA535 | 50 | | | XA534 | 50 | | | 16B | 9 | | SPI023 | 09 | TB27BP | 01 | 1 | TDD | HP | | 23A | | |
| 01843 | | XA535 | 51 | | | XA535 | 63 | | | 16B | 9 | | SPI024 | 14 | TB26BQ | 01 | 1 | TDD | GQ | | 27B | | |
| 01878 | | XA535 | 52 | | | XA534 | 52 | | | 16B | 9 | | SPI025 | 12 | TB26BP | 01 | 1 | TDD | GP | | 24A | | |
| 01444 | | XA535 | 53 | | | XA535 | 65 | | | 16B | 9 | | SPI008 | 19 | TB29BQ | 01 | 1 | TDD | KQ | | 28B | | |
| 04206 | | XA535 | 54 | | | XA530 | 25 | | | 16B | 9 | | TD26BQ | 01 | TB26BT | 01 | 1 | TDD | GT | | 25A | | |
| 03624 | | XA535 | 55 | | | | | | | | | | TB29BQ | 02 | TB29BQ | 00 | 1 | TDD | KQ | | 29B | | |
| 03471 | | XA535 | 56 | | | XA535 | 46 | | | 16B | 9 | | TBCP60 | 02 | TB26BN | 01 | 1 | TDD | GN | | 26A | | |
| 08187 | | XA535 | 57 | | | | | | | | | M | TB29BP | 01 | TB29BP | 00 | 1 | TDD | KP | | 30B | | |
| 01068 | | XA535 | 58 | | | | | | | | | | GND | 01 | | | | TDD | | | 40A | | |
| 08186 | | XA535 | 59 | | | | | | | | | M | TB28BP | 01 | TB28BP | 00 | 1 | TDD | JP | | 31B | | |
| 03478 | | XA535 | 60 | | | XA519 | 51 | | | 16B | 9 | | TBCP70 | 04 | TB29RN | 01 | 1 | TDD | KN | | 28A | | |
| 03622 | | XA535 | 61 | | | | | | | | | | TB28BQ | 02 | TB28BQ | 00 | 1 | TDD | JQ | | 32B | | |
| 04212 | | XA535 | 62 | | | XA530 | 31 | | | 16B | 9 | | TD29BQ | 01 | TB29BT | 01 | 1 | TDD | KI | | 29A | | |
| 01844 | | XA535 | 63 | | | XA534 | 63 | | | 16B | 9 | | SPI024 | 15 | TB28BQ | 01 | 1 | TDD | JQ | | 33B | | |
| 01812 | | XA535 | 64 | | | XA535 | 50 | | | 16B | 9 | | SPI023 | 08 | TB29BP | 01 | 1 | TDD | KP | | 30A | | |
| 01445 | | XA535 | 65 | | | XA534 | 65 | | | 16B | 9 | | SPI008 | 20 | TB31BQ | 01 | 1 | TDD | MQ | | 34B | | |
| 01877 | | XA535 | 66 | | | XA535 | 52 | | | 16B | 9 | | SPI025 | 11 | TB28BP | 01 | 1 | TDD | JP | | 31A | | |
| 01069 | | XA535 | 67 | | | | | | | | | | GND | 01 | | | | TDD | | | 40B | | |
| 04210 | | XA535 | 68 | | | XA530 | 37 | | | 16B | 9 | | TD28BQ | 01 | TB28BT | 01 | 1 | TDD | IT | | 32A | | |
| 08189 | | XA535 | 69 | | | | | | | | | M | TB31BP | 01 | TB31BP | 00 | 1 | TDD | MP | | 35A | | |
| 03477 | | XA535 | 70 | | | XA535 | 60 | | | 16B | 9 | | TBCP70 | 03 | TB28RN | 01 | 1 | TDD | IN | | 33A | | |
| 04216 | | XA535 | 71 | | | XA530 | 43 | | | 16B | 9 | | TD31BQ | 01 | TB31BT | 01 | 1 | TDD | MI | | 36A | | |
| 03476 | | XA535 | 72 | | | XA535 | 70 | | | 16B | 9 | | TBCP70 | 02 | TB31BN | 01 | 1 | TDD | MN | | 34A | | |
| 01808 | | XA535 | 73 | | | XA534 | 73 | | | 16B | 9 | | SPI023 | 04 | TB31BP | 01 | 1 | TDD | MP | | 36B | | |
| 03628 | | XA535 | 74 | | | | | | | | | | TB31BQ | 02 | TB31BQ | 00 | 1 | TDD | MQ | | 35B | | BUFFER REG BIT 31 |
| 01872 | | XA535 | 75 | | | XA534 | 75 | | | 16B | 9 | | SPI025 | 06 | TB30BP | 01 | 1 | TDD | LP | | 37B | | |
| 08188 | | XA535 | 76 | | | | | | | | | M | TB30BP | 01 | TB30BP | 00 | 1 | TDD | LP | | 37A | | |
| CONNECTOR (XA535) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1420

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA535
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 406

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTORY | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|------|-------------|------|-------|--------|--------|----------|---------|---------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SIZE | MULTI-GROUP | CODE | COLOR | | | | | | | | | | | |
| 04214 | | XA535 | 77 | | XA530 | 49 | | | 16B | 9 | | TD30BQ | 01 | TB30B I | 01 | 1 | TDD | LI | | 38B | |
| 03626 | | XA535 | 78 | | XA530 | 49 | | | 16B | 9 | | TB30BQ | 02 | TB30BQ | 00 | 1 | TDD | LQ | | 38A | |
| 03475 | | XA535 | 79 | | XA535 | 72 | | | 16B | 9 | | TBCP70 | 01 | TB30B N | 01 | 1 | TDD | LN | | 39B | |
| 01849 | | XA535 | 80 | | XA541 | 03 | | | 16B | 9 | | SPI024 | 20 | TB30B Q | 01 | 1 | TDD | LQ | | 39A | |
| 05499 | | XA536 | 01 | | | | | | | | | TR01CA | 02 | TR01CA | 00 | 1 | TQ2 | A2 | | 02B | |
| 01070 | | XA536 | 02 | | | | | | | | | GND | 01 | | | | TQ2 | | | 01A | |
| 06263 | | XA536 | 03 | | XA537 | 03 | | | 16B | 9 | | TT02BQ | 05 | TR02CA | 01 | 1 | TQ2 | A3 | | 02A | |
| 06252 | | XA536 | 04 | | XA536 | 34 | | | 16B | 9 | | TT01BQ | 03 | TR01CA | 01 | 1 | TQ2 | A2 | | 04A | |
| 05346 | | XA536 | 05 | | XA536 | 07 | | | 16B | 9 | | TRTD00 | 02 | TR01CA | 01 | 2 | TQ2 | A2 | | 03B | |
| 05494 | | XA536 | 06 | | | | | | | | | TR00CA | 02 | TR00CA | 00 | 1 | TQ2 | A1 | | 05A | |
| 05347 | | XA536 | 07 | | XA536 | 13 | | | 16B | 9 | | TRTD00 | 03 | TR02CA | 01 | 2 | TQ2 | A3 | | 03A | |
| 06243 | | XA536 | 08 | | XA536 | 40 | | | 16B | 9 | | TT00BQ | 03 | TR00CA | 01 | 1 | TQ2 | A1 | | 06A | |
| 05504 | | XA536 | 09 | | | | | | | | | TR02CA | 02 | TR02CA | 00 | 1 | TQ2 | A3 | | 04B | |
| 05345 | | XA536 | 10 | | XA536 | 05 | | | 16B | 9 | | TRTD00 | 01 | TR00CA | 01 | 2 | TQ2 | A1 | | 07A | |
| 06270 | | XA536 | 11 | | XA536 | 35 | | | 16B | 9 | | TT03BQ | 03 | TR03CA | 01 | 1 | TQ2 | A4 | | 05B | |
| 00225 | | XA536 | 12 | | | | | | | | | +5V | 01 | | | | TQ2 | | | | |
| 05348 | | XA536 | 13 | | XA536 | 19 | | | 16B | 9 | | TRTD00 | 04 | TR03CA | 01 | 2 | TQ2 | A4 | | 06B | |
| 05519 | | XA536 | 14 | | | | | | | | | TR05CA | 02 | TR05CA | 00 | 1 | TQ2 | B2 | | 09A | |
| 05509 | | XA536 | 15 | | | | | | | | | TR03CA | 02 | TR03CA | 00 | 1 | TQ2 | A4 | | 07B | |
| 01071 | | XA536 | 16 | | | | | | | | | GND | 01 | | | | TQ2 | | | 01B | |
| 06297 | | XA536 | 17 | | XA536 | 41 | | | 16B | 9 | | TT06BQ | 03 | TR06CA | 01 | 1 | TQ2 | B3 | | 08B | |
| 06288 | | XA536 | 18 | | XA536 | 48 | | | 16B | 9 | | TT05BQ | 03 | TR05CA | 01 | 1 | TQ2 | B2 | | 10A | |
| 05349 | | XA536 | 19 | | XA536 | 20 | | | 16B | 9 | | TRTD00 | 05 | TR06CA | 01 | 2 | TQ2 | B3 | | 09B | |
| 05350 | | XA536 | 20 | | XA536 | 26 | | | 16B | 9 | | TRTD00 | 06 | TR05CA | 01 | 2 | TQ2 | B2 | | 11A | |
| 05524 | | XA536 | 21 | | | | | | | | | TR06CA | 02 | TR06CA | 00 | 1 | TQ2 | B3 | | 10B | |
| 05514 | | XA536 | 22 | | | | | | | | | TR04CA | 02 | TR04CA | 00 | 1 | TQ2 | B1 | | 12A | |
| 06306 | | XA536 | 23 | | XA536 | 47 | | | 16B | 9 | | TT07BQ | 03 | TR07CA | 01 | 1 | TQ2 | B4 | | 11B | |
| 06281 | | XA536 | 24 | | XA537 | 24 | | | 16B | 9 | | TT04BQ | 05 | TR04CA | 01 | 1 | TQ2 | B1 | | 13A | |
| 05352 | | XA536 | 25 | | XA505 | 69 | | | 16B | 9 | | TRTD00 | 08 | TR07CA | 01 | 2 | TQ2 | B4 | | 12B | |
| 05351 | | XA536 | 26 | | XA536 | 25 | | | 16B | 9 | | TRTD00 | 07 | TR04CA | 01 | 2 | TQ2 | B1 | | 14A | |
| 05529 | | XA536 | 27 | | | | | | | | | TR07CA | 02 | TR07CA | 00 | 1 | TQ2 | B4 | | 13B | |
| 00226 | | XA536 | 28 | | | | | | | | | +5V | 01 | | | | TQ2 | | | | |
| 06262 | | XA536 | 29 | | XA536 | 03 | | | 16B | 9 | | TT02BQ | 04 | TR10CA | 01 | 1 | TQ2 | C3 | | 14B | |
| 05539 | | XA536 | 30 | | | | | | | | | TR09CA | 02 | TR09CA | 00 | 1 | TQ2 | C2 | | 15A | |
| 05363 | | XA536 | 31 | | XA412 | 60 | | | 16B | 9 | | TRTD10 | 08 | TR10CA | 01 | 2 | TQ2 | C3 | | 15B | |
| 01072 | | XA536 | 32 | | | | | | | | | GND | 01 | | | | TQ2 | | | 20B | |
| 05544 | | XA536 | 33 | | | | | | | | | TR10CA | 02 | TR10CA | 00 | 1 | TQ2 | C3 | | 16B | |
| 06253 | | XA536 | 34 | | XA537 | 34 | | | 16B | 9 | | TT01BQ | 04 | TR09CA | 01 | 1 | TQ2 | C2 | | 16A | |
| 06271 | | XA536 | 35 | | XA537 | 35 | | | 16B | 9 | | TT03BQ | 04 | TR11CA | 01 | 1 | TQ2 | C4 | | 17B | |
| 05362 | | XA536 | 36 | | XA536 | 31 | | | 16B | 9 | | TRTD10 | 07 | TR09CA | 01 | 2 | TQ2 | C2 | | 17A | |
| 05361 | | XA536 | 37 | | XA536 | 36 | | | 16B | 9 | | TRTD10 | 06 | TR11CA | 01 | 2 | TQ2 | C4 | | 18B | |
| 05534 | | XA536 | 38 | | | | | | | | | TR08CA | 02 | TR08CA | 00 | 1 | TQ2 | C1 | | 18A | |
| 05549 | | XA536 | 39 | | | | | | | | | TR11CA | 02 | TR11CA | 00 | 1 | TQ2 | C4 | | 19B | |
| 06244 | | XA536 | 40 | | XA537 | 40 | | | 16B | 9 | | TT00BQ | 04 | TR08CA | 01 | 1 | TQ2 | C1 | | 19A | |
| 06298 | | XA536 | 41 | | XA537 | 41 | | | 16B | 9 | | TT06BQ | 04 | TR14CA | 01 | 1 | TQ2 | D3 | | 22B | |
| 05359 | | XA536 | 42 | | XA536 | 43 | | | 16B | 9 | | TRTD10 | 04 | TR08CA | 01 | 2 | TQ2 | C1 | | 20A | |
| 05360 | | XA536 | 43 | | XA536 | 37 | | | 16B | 9 | | TRTD10 | 05 | TR14CA | 01 | 2 | TQ2 | D3 | | 23B | |
| 01073 | | XA536 | 44 | | | | | | | | | GND | 01 | | | | TQ2 | | | 21B | |
| CONNECTOR (XA536) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

H78-14 1421

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA536
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 407

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|-------|--------|--------|----------|-------------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FTG | PREFIX | CONNECTOR | PIN | SH FTG | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | |
| 05564 | | XA536 | 45 | | | | | | | | | | TR14CA | 02 | TR14CA | 00 | 1 | TQ2 | D3 | | 24B | |
| 05559 | | XA536 | 46 | | | | | | | | | | TR13CA | 02 | TR13CA | 00 | 1 | TQ2 | D2 | | 21A | |
| 06307 | | XA536 | 47 | | XA537 | 47 | | | 16B | 9 | | | TT07BQ | 04 | TR15CA | 01 | 1 | TQ2 | D4 | | 25B | |
| 06289 | | XA536 | 48 | | XA537 | 48 | | | 16B | 9 | | | TT05BQ | 04 | TR13CA | 01 | 1 | TQ2 | D2 | | 22A | |
| 05357 | | XA536 | 49 | | XA536 | 50 | | | 16B | 9 | | | TRTD10 | 02 | TR15CA | 01 | 2 | TQ2 | D4 | | 26B | |
| 05358 | | XA536 | 50 | | XA536 | 42 | | | 16B | 9 | | | TRTD10 | 03 | TR13CA | 01 | 2 | TQ2 | D2 | | 23A | |
| 05569 | | XA536 | 51 | | | | | | | | | | TR15CA | 02 | TR15CA | 00 | 1 | TQ2 | D4 | | 27B | |
| 05554 | | XA536 | 52 | | | | | | | | | | TR12CA | 02 | TR12CA | 00 | 1 | TQ2 | D1 | | 24A | |
| 06202 | | XA536 | 53 | | XA542 | 08 | | | 16B | 9 | | | TTS390 | 02 | TRW39A | 01 | 1 | TQ2 | E3 | | 28B | |
| 06280 | | XA536 | 54 | | XA536 | 24 | | | 16B | 9 | | | TT04BQ | 04 | TR12CA | 01 | 1 | TQ2 | D1 | | 25A | |
| 05199 | | XA536 | 55 | | XA536 | 61 | | | 16B | 9 | | | TREW20 | 03 | TRW39A | 01 | 2 | TQ2 | E3 | | 29B | |
| 05356 | | XA536 | 56 | | XA536 | 49 | | | 16B | 9 | | | TRTD10 | 01 | TR12CA | 01 | 2 | TQ2 | D1 | | 26A | |
| 05476 | | XA536 | 57 | | XA537 | 53 | | | 16B | 9 | | | TRW39A | 01 | TRW39A | 00 | 1 | TQ2 | E3 | | 30B | |
| 01074 | | XA536 | 58 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 27A | |
| 06230 | | XA536 | 59 | | XA542 | 05 | | | 16B | 9 | | | TTS490 | 02 | TRW49A | 01 | 1 | TQ2 | E4 | | 31B | |
| 05466 | | XA536 | 60 | | XA537 | 62 | | | 16B | 9 | | | TRW29A | 01 | TRW29A | 00 | 1 | TQ2 | E2 | | 28A | |
| 05200 | | XA536 | 61 | | XA536 | 64 | | | 16B | 9 | | | TREW20 | 04 | TRW49A | 01 | 2 | TQ2 | E4 | | 32B | |
| 06174 | | XA536 | 62 | | XA541 | 05 | | | 16B | 9 | | | TTS290 | 02 | TRW29A | 01 | 1 | TQ2 | E2 | | 29A | |
| 05486 | | XA536 | 63 | | XA537 | 59 | | | 16B | 9 | | | TRW49A | 01 | TRW49A | 00 | 1 | TQ2 | E4 | | 33B | |
| 05201 | | XA536 | 64 | | XA536 | 70 | | | 16B | 9 | | | TREW20 | 05 | TRW29A | 01 | 2 | TQ2 | E2 | | 30A | |
| 07504 | | XA536 | 65 | | XA528 | 68 | | | 16B | 9 | | | TXROCS | 02 | TTS39A | 01 | 1 | TQ2 | F3 | | 34B | |
| 05456 | | XA536 | 66 | | XA537 | 68 | | | 16B | 9 | | | TRW19A | 01 | TRW19A | 00 | 1 | TQ2 | E1 | | 31A | |
| 01075 | | XA536 | 67 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 40A | |
| 06146 | | XA536 | 68 | | XA541 | 08 | | | 16B | 9 | | | TTS190 | 02 | TRW19A | 01 | 1 | TQ2 | E1 | | 32A | |
| 06199 | | XA536 | 69 | | XA537 | 65 | | | 16B | 9 | | | TTS39A | 01 | TTS39A | 00 | 1 | TQ2 | F3 | | 35A | |
| 05202 | | XA536 | 70 | | | | | | | | | | TREW20 | 06 | TRW19A | 01 | 2 | TQ2 | E1 | | 33A | |
| 07501 | | XA536 | 71 | | XA536 | 77 | | | 16B | 9 | | | TXROCR | 05 | TTS29A | 01 | 1 | TQ2 | F2 | | 36A | |
| 06171 | | XA536 | 72 | | XA537 | 71 | | | 16B | 9 | | | TTS29A | 01 | TTS29A | 00 | 1 | TQ2 | F2 | | 34A | |
| 07562 | | XA536 | 73 | | XA528 | 62 | | | 16B | 9 | | | TXR1CS | 02 | TTS29A | 01 | 2 | TQ2 | F2 | | 36B | |
| 07559 | | XA536 | 74 | | XA536 | 79 | | | 16B | 9 | | | TXR1CR | 06 | TTS39A | 01 | 2 | TQ2 | F3 | | 35B | |
| 06143 | | XA536 | 75 | | XA537 | 77 | | | 16B | 9 | | | TTS19A | 01 | TTS19A | 00 | 1 | TQ2 | F1 | | 37B | |
| 07503 | | XA536 | 76 | | XA536 | 65 | | | 16B | 9 | | | TXROCS | 01 | TTS49A | 01 | 1 | TQ2 | F4 | | 37A | |
| 07502 | | XA536 | 77 | | | | | | | | | | TXROCR | 06 | TTS19A | 01 | 1 | TQ2 | F1 | | 38B | |
| 07561 | | XA536 | 78 | | XA536 | 73 | | | 16B | 9 | | | TXR1CS | 01 | TTS49A | 01 | 2 | TQ2 | F4 | | 38A | |
| 07560 | | XA536 | 79 | | | | | | | | | | TXR1CR | 07 | TTS19A | 01 | 2 | TQ2 | F1 | | 39B | |
| 06227 | | XA536 | 80 | | XA537 | 76 | | | 16B | 9 | | | TTS49A | 01 | TTS49A | 00 | 1 | TQ2 | F4 | | 39A | |
| 05579 | | XA537 | 01 | | | | | | | | | | TR17CA | 02 | TR17CA | 00 | 1 | TQ2 | A2 | | 02B | |
| 01076 | | XA537 | 02 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01A | |
| 06264 | | XA537 | 03 | | XA438 | 75 | | | 16B | 9 | | | TT02BQ | 06 | TR18CA | 01 | 1 | TQ2 | A3 | | 02A | |
| 06251 | | XA537 | 04 | | XA536 | 04 | | | 16B | 9 | | | TT01BQ | 02 | TR17CA | 01 | 1 | TQ2 | A2 | | 04A | |
| 05374 | | XA537 | 05 | | XA412 | 57 | | | 16B | 9 | | | TRTD20 | 08 | TR17CA | 01 | 2 | TQ2 | A2 | | 03B | |
| 05574 | | XA537 | 06 | | | | | | | | | | TR16CA | 02 | TR16CA | 00 | 1 | TQ2 | A1 | | 05A | |
| 05373 | | XA537 | 07 | | XA537 | 05 | | | 16B | 9 | | | TRTD20 | 07 | TR18CA | 01 | 2 | TQ2 | A3 | | 03A | |
| 06242 | | XA537 | 08 | | XA536 | 08 | | | 16B | 9 | | | TT00BQ | 02 | TR16CA | 01 | 1 | TQ2 | A1 | | 06A | |
| 05584 | | XA537 | 09 | | | | | | | | | | TR18CA | 02 | TR18CA | 00 | 1 | TQ2 | A3 | | 04B | |
| 05372 | | XA537 | 10 | | XA537 | 07 | | | 16B | 9 | | | TRTD20 | 06 | TR16CA | 01 | 2 | TQ2 | A1 | | 07A | |
| 06269 | | XA537 | 11 | | XA536 | 11 | | | 16B | 9 | | | TT03BQ | 02 | TR19CA | 01 | 1 | TQ2 | A4 | | 05B | |
| 00227 | | XA537 | 12 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | |
| CONNECTOR XA537 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1422

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA537
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 408

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|---------------------------------|------|--------|-----------|-----|------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SMFC | PREFIX | CONNECTOR | PIN | SMFC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 05371 | | XA537 | 13 | | | | | | | | | | TRTD20 | 05 | TR19CA | 01 | 2 | TQ2 | A4 | | 06B | | |
| 05599 | | XA537 | 14 | | XA537 | 10 | | | 16B | 9 | | | TR21CA | 02 | TR21CA | 00 | 1 | TQ2 | B2 | | 09A | | |
| 05589 | | XA537 | 15 | | | | | | | | | | TR19CA | 02 | TR19CA | 00 | 1 | TQ2 | A4 | | 07B | | |
| 01077 | | XA537 | 16 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 01B | | |
| 06296 | | XA537 | 17 | | XA536 | 17 | | | 16B | 9 | | | TT06BQ | 02 | TR22CA | 01 | 1 | TQ2 | B3 | | 08B | | |
| 06287 | | XA537 | 18 | | XA536 | 18 | | | 16B | 9 | | | TT05BQ | 02 | TR21CA | 01 | 1 | TQ2 | B2 | | 10A | | |
| 05370 | | XA537 | 19 | | XA537 | 13 | | | 16B | 9 | | | TRTD20 | 04 | TR22CA | 01 | 2 | TQ2 | B3 | | 09B | | |
| 05369 | | XA537 | 20 | | XA537 | 19 | | | 16B | 9 | | | TRTD20 | 03 | TR21CA | 01 | 2 | TQ2 | B2 | | 11A | | |
| 05603 | | XA537 | 21 | | XA529 | 80 | | | 16B | 9 | | | TR22CA | 01 | TR22CA | 00 | 1 | TQ2 | B3 | | 10B | | |
| 05594 | | XA537 | 22 | | | | | | | | | | TR20CA | 02 | TR20CA | 00 | 1 | TQ2 | B1 | | 12A | | |
| 06305 | | XA537 | 23 | | XA536 | 23 | | | 16B | 9 | | | TT07BQ | 02 | TR23CA | 01 | 1 | TQ2 | B4 | | 11B | | |
| 06282 | | XA537 | 24 | | XA438 | 76 | | | 16B | 9 | | | TT04BQ | 06 | TR20CA | 01 | 1 | TQ2 | B1 | | 13A | | |
| 05367 | | XA537 | 25 | | XA537 | 26 | | | 16B | 9 | | | TRTD20 | 01 | TR23CA | 01 | 2 | TQ2 | B4 | | 12B | | |
| 05368 | | XA537 | 26 | | XA537 | 20 | | | 16B | 9 | | | TRTD20 | 02 | TR20CA | 01 | 2 | TQ2 | B1 | | 14A | | |
| 05609 | | XA537 | 27 | | | | | | | | | | TR23CA | 02 | TR23CA | 00 | 1 | TQ2 | B4 | | 13B | | |
| 00228 | | XA537 | 28 | | | | | | | | | | +5V | 01 | | | | TQ2 | | | | | |
| 06261 | | XA537 | 29 | | XA536 | 29 | | | 16B | 9 | | | TT02BQ | 03 | TR26CA | 01 | 1 | TQ2 | C3 | | 14B | | |
| 05619 | | XA537 | 30 | | | | | | | | | | TR25CA | 02 | TR25CA | 00 | 1 | TQ2 | C2 | | 15A | | |
| 05385 | | XA537 | 31 | | XA412 | 63 | | | 16B | 9 | | | TRTD30 | 08 | TR26CA | 01 | 2 | TQ2 | C3 | | 15B | | |
| 01078 | | XA537 | 32 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 20B | | |
| 05623 | | XA537 | 33 | | XA530 | 27 | | | 16B | 9 | | | TR26CA | 01 | TR26CA | 00 | 1 | TQ2 | C3 | | 16B | | |
| 06254 | | XA537 | 34 | | XA541 | 30 | | | 16B | 9 | | | TT01BQ | 05 | TR25CA | 01 | 1 | TQ2 | C2 | | 16A | | |
| 06272 | | XA537 | 35 | | XA542 | 43 | | | 16B | 9 | | | TT03BQ | 05 | TR27CA | 01 | 1 | TQ2 | C4 | | 17B | | |
| 05383 | | XA537 | 36 | | XA537 | 37 | | | 16B | 9 | | | TRTD30 | 06 | TR25CA | 01 | 2 | TQ2 | C2 | | 17A | | |
| 05384 | | XA537 | 37 | | XA537 | 31 | | | 16B | 9 | | | TRTD30 | 07 | TR27CA | 01 | 2 | TQ2 | C4 | | 18B | | |
| 05613 | | XA537 | 38 | | XA530 | 15 | | | 16B | 9 | | | TR24CA | 01 | TR24CA | 00 | 1 | TQ2 | C1 | | 18A | | |
| 05629 | | XA537 | 39 | | | | | | | | | | TR27CA | 02 | TR27CA | 00 | 1 | TQ2 | C4 | | 19B | | |
| 06245 | | XA537 | 40 | | XA541 | 42 | | | 16B | 9 | | | TT00BQ | 05 | TR24CA | 01 | 1 | TQ2 | C1 | | 19A | | |
| 06299 | | XA537 | 41 | | XA541 | 79 | | | 16B | 9 | | | TT06BQ | 05 | TR30CA | 01 | 1 | TQ2 | D3 | | 22B | | |
| 05382 | | XA537 | 42 | | XA537 | 36 | | | 16B | 9 | | | TRTD30 | 05 | TR24CA | 01 | 2 | TQ2 | C1 | | 20A | | |
| 05381 | | XA537 | 43 | | XA537 | 42 | | | 16B | 9 | | | TRTD30 | 04 | TR30CA | 01 | 2 | TQ2 | D3 | | 23B | | |
| 01079 | | XA537 | 44 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 21B | | |
| 05644 | | XA537 | 45 | | | | | | | | | | TR30CA | 02 | TR30CA | 00 | 1 | TQ2 | D3 | | 24B | | |
| 05638 | | XA537 | 46 | | XA530 | 29 | | | 16B | 9 | | | TR29CA | 01 | TR29CA | 00 | 1 | TQ2 | D2 | | 21A | | |
| 06308 | | XA537 | 47 | | XA541 | 72 | | | 16B | 9 | | | TT07BQ | 05 | TR31CA | 01 | 1 | TQ2 | D4 | | 25B | | |
| 06290 | | XA537 | 48 | | XA542 | 55 | | | 16B | 9 | | | TT05BQ | 05 | TR29CA | 01 | 1 | TQ2 | D2 | | 22A | | |
| 05380 | | XA537 | 49 | | XA537 | 43 | | | 16B | 9 | | | TRTD30 | 03 | TR31CA | 01 | 2 | TQ2 | D4 | | 26B | | |
| 05379 | | XA537 | 50 | | XA537 | 49 | | | 16B | 9 | | | TRTD30 | 02 | TR29CA | 01 | 2 | TQ2 | D2 | | 23A | | |
| 05648 | | XA537 | 51 | | XA530 | 41 | | | 16B | 9 | | | TR31CA | 01 | TR31CA | 00 | 1 | TQ2 | D4 | | 27B | | |
| 05633 | | XA537 | 52 | | XA530 | 39 | | | 16B | 9 | | | TR28CA | 01 | TR28CA | 00 | 1 | TQ2 | D1 | | 24A | | |
| 05477 | | XA537 | 53 | | | | | | | | | | TRW39A | 02 | TRW390 | 01 | 1 | TQ2 | E3 | | 28B | | |
| 06279 | | XA537 | 54 | | XA536 | 54 | | | 16B | 9 | | | TT04BQ | 03 | TR28CA | 01 | 1 | TQ2 | D1 | | 25A | | |
| 05211 | | XA537 | 55 | | | | | | | | | | TREW3P | 02 | TRW390 | 01 | 2 | TQ2 | E3 | | 29B | | |
| 05378 | | XA537 | 56 | | XA537 | 50 | | | 16B | 9 | | | TRTD30 | 01 | TR28CA | 01 | 2 | TQ2 | D1 | | 26A | | |
| 05479 | | XA537 | 57 | | | | | | | | | | TRW390 | 02 | TRW390 | 00 | 1 | TQ2 | E3 | | 30B | | |
| 01080 | | XA537 | 58 | | | | | | | | | | GND | 01 | | | | TQ2 | | | 27A | | |
| 05487 | | XA537 | 59 | | | | | | | | | | TRW49A | 02 | TRW490 | 01 | 1 | TQ2 | E4 | | 31B | | |
| 05469 | | XA537 | 60 | | | | | | | | | | TRW290 | 02 | TRW290 | 00 | 1 | TQ2 | E2 | | 28A | | |
| 05221 | | XA537 | 61 | | XA416 | 76 | | | 16B | 9 | | | TREW4P | 01 | TRW490 | 01 | 2 | TQ2 | E4 | | 32B | | |
| 05467 | | XA537 | 62 | | | | | | | | | | TRW29A | 02 | TRW290 | 01 | 1 | TQ2 | E2 | | 29A | | |
| CONNECTOR | | XA537 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA537
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 409

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | CKT OR CHIP FACTOR | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|------|-------------|------|-------|--------|--------|----------|--------|--------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SIZE | MULTI GROUP | CODE | COLOR | | | | | | | | | | |
| 05489 | | XA537 | 63 | | | | | | | | | TRW490 | 02 | TRW490 | 00 | 1 | TQ2 | E4 | 33B | |
| 05194 | | XA537 | 64 | | | | | | | | | TREW2P | 02 | TRW290 | 01 | 2 | TQ2 | E2 | 30A | |
| 06200 | | XA537 | 65 | | | | | | | | | TTS39A | 02 | TTS390 | 01 | 1 | TQ2 | F3 | 34B | |
| 05459 | | XA537 | 66 | | | | | | | | | TRW190 | 02 | TRW190 | 00 | 1 | TQ2 | E1 | 31A | |
| 01081 | | XA537 | 67 | | | | | | | | | GND | 01 | | | | TQ2 | | 40A | |
| 05457 | | XA537 | 68 | | | | | | | | | TRW19A | 02 | TRW190 | 01 | 1 | TQ2 | F1 | 32A | |
| 06201 | | XA537 | 69 | | XA 536 | 53 | | | 16B | 9 | | TTS390 | 01 | TTS390 | 00 | 1 | TQ2 | F3 | 35A | |
| 05184 | | XA537 | 70 | | XA425 | 11 | | | 16B | 9 | | TREW1P | 01 | TRW190 | 01 | 2 | TQ2 | F1 | 33A | |
| 06172 | | XA537 | 71 | | | | | | | | | TTS29A | 02 | TTS290 | 01 | 1 | TQ2 | F2 | 36A | |
| 06173 | | XA537 | 72 | | XA 536 | 62 | | | 16B | 9 | | TTS290 | 01 | TTS290 | 00 | 1 | TQ2 | E2 | 34A | |
| 01871 | | XA537 | 73 | | XA535 | 75 | | | 16B | 9 | | SPIO25 | 05 | TTS290 | 01 | 2 | TQ2 | F2 | 36B | |
| 01870 | | XA537 | 74 | | XA537 | 73 | | | 16B | 9 | | SPIO25 | 04 | TTS390 | 01 | 2 | TQ2 | F3 | 35B | |
| 06145 | | XA537 | 75 | | XA536 | 68 | | | 16B | 9 | | TTS190 | 01 | TTS190 | 00 | 1 | TQ2 | F1 | 37B | |
| 06228 | | XA537 | 76 | | | | | | | | | TTS49A | 02 | TTS490 | 01 | 1 | TQ2 | F4 | 37A | |
| 06144 | | XA537 | 77 | | | | | | | | | TTS19A | 02 | TTS190 | 01 | 1 | TQ2 | F1 | 38B | |
| 01869 | | XA537 | 78 | | XA537 | 74 | | | 16B | 9 | | SPIO25 | 03 | TTS490 | 01 | 2 | TQ2 | F4 | 38A | |
| 01868 | | XA537 | 79 | | XA537 | 78 | | | 16B | 9 | | SPIO25 | 02 | TTS190 | 01 | 2 | TQ2 | F1 | 39B | |
| 06229 | | XA537 | 80 | | XA536 | 59 | | | 16B | 9 | | TTS490 | 01 | TTS490 | 00 | 1 | TQ2 | F4 | 39A | |
| 01888 | | XA538 | 01 | | | | | | | | | SPP | 01 | | | | | | | |
| 01082 | | XA538 | 02 | | | | | | | | | GND | 01 | | | | | | | |
| 01864 | | XA538 | 03 | | | | | | | | | SPP | 35 | | | | | | | |
| 04313 | | XA538 | 04 | | | | | | | | | SPP | 01 | | | | | | | |
| 01823 | | XA538 | 05 | | | | | | | | | SPP | 19 | | | | | | | |
| 07211 | | XA538 | 06 | | | | | | | | | SPP | 04 | | | | | | | |
| 03417 | | XA538 | 07 | | | | | | | | | SPP | 01 | | | | | | | |
| 04220 | | XA538 | 08 | | | | | | | | | SPP | 03 | | | | | | | |
| 01863 | | XA538 | 09 | | | | | | | | | SPP | 34 | | | | | | | |
| 07069 | | XA538 | 10 | | | | | | | | | SPP | 05 | | | | | | | |
| 01889 | | XA538 | 11 | | | | | | | | | SPP | 23 | | | | | | | |
| 00229 | | XA538 | 12 | | | | | | | | | +5V | 01 | | | | | | | |
| 01824 | | XA538 | 13 | | | | | | | | | SPP | 20 | | | | | | | |
| 04451 | | XA538 | 14 | | | | | | | | | SPP | 03 | | | | | | | |
| 03418 | | XA538 | 15 | | | | | | | | | SPP | 01 | | | | | | | |
| 01083 | | XA538 | 16 | | | | | | | | | SPP | 01 | | | | | | | |
| 06553 | | XA538 | 17 | | | | | | | | | GND | 01 | | | | | | | |
| 05718 | | XA538 | 18 | | | | | | | | | SPP | 01 | | | | | | | |
| 04442 | | XA538 | 19 | | | | | | | | | SPP | 01 | | | | | | | |
| 03419 | | XA538 | 20 | | | | | | | | | SPP | 01 | | | | | | | |
| 04676 | | XA538 | 21 | | | | | | | | | SPP | 01 | | | | | | | |
| 01862 | | XA538 | 22 | | | | | | | | | SPP | 33 | | | | | | | |
| 07070 | | XA538 | 23 | | | | | | | | | SPP | 06 | | | | | | | |
| 01890 | | XA538 | 24 | | | | | | | | | SPP | 24 | | | | | | | |
| 01904 | | XA538 | 25 | | | | | | | | | SPP | 13 | | | | | | | |
| 01825 | | XA538 | 26 | | | | | | | | | SPP | 21 | | | | | | | |
| 04694 | | XA538 | 27 | | | | | | | | | SPP | 12 | | | | | | | |
| 00230 | | XA538 | 28 | | | | | | | | | +5V | 01 | | | | | | | |
| 01905 | | XA538 | 29 | | | | | | | | | SPP | 14 | | | | | | | |
| 01861 | | XA538 | 30 | | | | | | | | | SPP | 32 | | | | | | | |
| CONNECTOR XA538 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA538
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 410

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|-----|--------|-----------|-----|--------|-------------|------|-------|-------|--------|--------|----------|------|--------|------------------|-------|---------------------|-------------|----|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SH FLD | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | AND | OR | | |
| 03420 | | XA538 | 31 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 01084 | | XA538 | 32 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 01860 | | XA538 | 33 | | | | | | | | | SPP | 31 | | | | | | | | | | |
| 01826 | | XA538 | 34 | | | | | | | | | SPP | 22 | | | | | | | | | | |
| 01906 | | XA538 | 35 | | | | | | | | | SPP | 15 | | | | | | | | | | |
| 03421 | | XA538 | 36 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 01828 | | XA538 | 37 | | | | | | | | | SPP | 24 | | | | | | | | | | |
| 01827 | | XA538 | 38 | | | | | | | | | SPP | 23 | | | | | | | | | | |
| 03422 | | XA538 | 39 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 01859 | | XA538 | 40 | | | | | | | | | SPP | 30 | | | | | | | | | | |
| 01858 | | XA538 | 41 | | | | | | | | | SPP | 29 | | | | | | | | | | |
| 01907 | | XA538 | 42 | | | | | | | | | SPP | 16 | | | | | | | | | | |
| 03423 | | XA538 | 43 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 01085 | | XA538 | 44 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 01935 | | XA538 | 45 | | | | | | | | | SPP | 09 | | | | | | | | | | |
| 01908 | | XA538 | 46 | | | | | | | | | SPP | 17 | | | | | | | | | | |
| 01909 | | XA538 | 47 | | | | | | | | | SPP | 18 | | | | | | | | | | |
| 01934 | | XA538 | 48 | | | | | | | | | SPP | 08 | | | | | | | | | | |
| 01856 | | XA538 | 49 | | | | | | | | | SPP | 27 | | | | | | | | | | |
| 03424 | | XA538 | 50 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 03425 | | XA538 | 51 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 01933 | | XA538 | 52 | | | | | | | | | SPP | 07 | | | | | | | | | | |
| 01932 | | XA538 | 53 | | | | | | | | | SPP | 06 | | | | | | | | | | |
| 01855 | | XA538 | 54 | | | | | | | | | SPP | 26 | | | | | | | | | | |
| 03426 | | XA538 | 55 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 01916 | | XA538 | 56 | | | | | | | | | SPP | 25 | | | | | | | | | | |
| 01857 | | XA538 | 57 | | | | | | | | | SPP | 28 | | | | | | | | | | |
| 01086 | | XA538 | 58 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 01910 | | XA538 | 59 | | | | | | | | | SPP | 19 | | | | | | | | | | |
| 01854 | | XA538 | 60 | | | | | | | | | SPP | 25 | | | | | | | | | | |
| 01931 | | XA538 | 61 | | | | | | | | | SPP | 05 | | | | | | | | | | |
| 01915 | | XA538 | 62 | | | | | | | | | SPP | 24 | | | | | | | | | | |
| 03427 | | XA538 | 63 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 03428 | | XA538 | 64 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 01930 | | XA538 | 65 | | | | | | | | | SPP | 04 | | | | | | | | | | |
| 01914 | | XA538 | 66 | | | | | | | | | SPP | 23 | | | | | | | | | | |
| 01087 | | XA538 | 67 | | | | | | | | | GND | 01 | | | | | | | | | | |
| 01853 | | XA538 | 68 | | | | | | | | | SPP | 24 | | | | | | | | | | |
| 01852 | | XA538 | 69 | | | | | | | | | SPP | 23 | | | | | | | | | | |
| 01929 | | XA538 | 70 | | | | | | | | | SPP | 03 | | | | | | | | | | |
| 01851 | | XA538 | 71 | | | | | | | | | SPP | 22 | | | | | | | | | | |
| 01913 | | XA538 | 72 | | | | | | | | | SPP | 22 | | | | | | | | | | |
| 03429 | | XA538 | 73 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 03430 | | XA538 | 74 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 01911 | | XA538 | 75 | | | | | | | | | SPP | 20 | | | | | | | | | | |
| 01928 | | XA538 | 76 | | | | | | | | | SPP | 02 | | | | | | | | | | |
| 01850 | | XA538 | 77 | | | | | | | | | SPP | 21 | | | | | | | | | | |
| 01912 | | XA538 | 78 | | | | | | | | | SPP | 21 | | | | | | | | | | |
| 01927 | | XA538 | 79 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 03431 | | XA538 | 80 | | | | | | | | | SPP | 01 | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA539
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 411

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH FE | PREFIX | CONNECTOR | PIN | SH FE | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 07152 | | XA539 | 01 | | | | | | | | | | TXDV1B | 07 | TTASLN | 01 | 1 | TDD | BN | | 02B | | |
| 01088 | | XA539 | 02 | | XA439 | 51 | | | 16B | 9 | | | GND | 01 | | | | TDD | | | 01B | | |
| 01902 | | XA539 | 03 | | XA539 | 17 | | | 16B | 9 | | | SPI026 | 11 | TTASLQ | 01 | 1 | TDD | BQ | | 02A | | |
| 05025 | | XA539 | 04 | | XA541 | 22 | | | 16B | 9 | | | TRDCAB | 13 | TTASLP | 01 | 1 | TDD | BP | | 04A | | |
| 06072 | | XA539 | 05 | | | | | | | | | | TTAS10 | 11 | TTASLI | 01 | 1 | TDD | BI | | 03B | | |
| 07379 | | XA539 | 06 | | XA439 | 59 | | | 16B | 9 | | | TXRSOB | 05 | TXXRCP | 01 | 1 | TDD | AP | | 05A | | |
| 08334 | | XA539 | 07 | | | | | | | | | M | TTASLQ | 01 | TTASLQ | 00 | 1 | TDD | BQ | | 03A | LOAD EOB COUNTER C | |
| 07261 | | XA539 | 08 | | | | | | | | | | TXGN4A | 11 | TXXRCI | 01 | 1 | TDD | AI | | 06A | | |
| 06059 | | XA539 | 09 | | XA508 | 74 | | | 16B | 9 | | | TTASLP | 01 | TTASLP | 00 | 1 | TDD | BP | | 04B | | |
| 07977 | | XA539 | 10 | | | | | | | | | | TXXR2P | 03 | TXXRCN | 01 | 1 | TDD | AN | | 07A | | |
| 08427 | | XA539 | 11 | | | | | | | | | M | TXXRCP | 01 | TXXRCP | 00 | 1 | TDD | AP | | 05B | | |
| 00231 | | XA539 | 12 | | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 07962 | | XA539 | 13 | | | | | | | | | | TXXRCQ | 04 | TXXRCQ | 00 | 1 | TDD | AQ | | 06B | REQUEST CONTROL F | |
| 08083 | | XA539 | 14 | | XA435 | 26 | | | 16B | 9 | | | T16M10 | 01 | TXXC4N | 01 | 1 | TDD | DN | | 09A | | |
| 07957 | | XA539 | 15 | | XA428 | 09 | | | 16B | 9 | | | TXXRCA | 01 | TXXRCQ | 01 | 1 | TDD | AQ | | 07B | | |
| 01089 | | XA539 | 16 | | | | | | | | | | GND | 01 | | | | TDD | | | 20B | | |
| 01903 | | XA539 | 17 | | XA540 | 53 | | | 16B | 9 | | | SPI026 | 12 | TXXC4Q | 01 | 1 | TDD | DQ | | 08B | | |
| 07876 | | XA539 | 18 | | XA435 | 19 | | | 16B | 9 | | | TXXC3Q | 01 | TXXC4I | 01 | 1 | TDD | DI | | 10A | | |
| 07883 | | XA539 | 19 | | | | | | | | | | TXXC4Q | 02 | TXXC4Q | 00 | 1 | TDD | DQ | | 09B | INPUT STROBE COUN | |
| 07856 | | XA539 | 20 | | | | | | | | | | TXXCRO | 08 | TXXC4P | 01 | 1 | TDD | DP | | 11A | | |
| 07881 | | XA539 | 21 | | | | | | | | | | TXXC4P | 04 | TXXC4P | 00 | 1 | TDD | DP | | 10B | | |
| 06490 | | XA539 | 22 | | XA539 | 36 | | | 16B | 9 | | | SPI031 | 02 | UWLCPP | 01 | 1 | TDD | CP | | 12A | | |
| 08337 | | XA539 | 23 | | | | | | | | | M | UWLCPP | 01 | UWLCPP | 00 | 1 | TDD | CP | | 11B | B05 | |
| 06417 | | XA539 | 24 | | XA540 | 25 | | | 16B | 9 | | | UWLCPER | 01 | UWLCPI | 01 | 1 | TDD | CT | | 13A | B05 | |
| 06421 | | XA539 | 25 | | | | | | | | | | UWLCPO | 03 | UWLCPO | 00 | 1 | TDD | CQ | | 12B | B05 | |
| 06476 | | XA539 | 26 | | XA539 | 30 | | | 16B | 9 | | | UWLK00 | 04 | UWLCPN | 01 | 1 | TDD | CN | | 14A | B05 | |
| 06505 | | XA539 | 27 | | XA539 | 29 | | | 16B | 9 | | | UWLS0A | 02 | UWLCPO | 01 | 1 | TDD | CQ | | 13B | B05 | |
| 00232 | | XA539 | 28 | | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 06506 | | XA539 | 29 | | XA539 | 39 | | | 16B | 9 | | | UWLS0A | 03 | UWLC1Q | 01 | 1 | TDD | FO | | 14B | B05 | |
| 06477 | | XA539 | 30 | | XA517 | 33 | | | 16B | 9 | | | UWLK00 | 05 | UWLC1N | 01 | 1 | TDD | FN | | 15A | B05 | |
| 06433 | | XA539 | 31 | | | | | | | | | | UWLC1Q | 03 | UWLC1Q | 00 | 1 | TDD | FQ | | 15B | B05 | |
| 01090 | | XA539 | 32 | | | | | | | | | | GND | 01 | | | | TDD | | | 21B | | |
| 08339 | | XA539 | 33 | | | | | | | | | M | UWLC1P | 01 | UWLC1P | 00 | 1 | TDD | FP | | 16B | B05 | |
| 06429 | | XA539 | 34 | | XA540 | 33 | | | 16B | 9 | | | UWLC1ER | 01 | UWLC1I | 01 | 1 | TDD | FI | | 16A | B05 | |
| 08338 | | XA539 | 35 | | | | | | | | | M | UWLCOP | 01 | UWLCOP | 00 | 1 | TDD | EP | | 17B | B05 | |
| 06491 | | XA539 | 36 | | XA539 | 38 | | | 16B | 9 | | | SPI031 | 03 | UWLC1P | 01 | 1 | TDD | EP | | 17A | B05 | |
| 06427 | | XA539 | 37 | | | | | | | | | | UWLC0Q | 03 | UWLC0Q | 00 | 1 | TDD | EQ | | 18B | B05 | |
| 06492 | | XA539 | 38 | | XA539 | 50 | | | 16B | 9 | | | SPI031 | 04 | UWLCOP | 01 | 1 | TDD | EP | | 18A | B05 | |
| 06507 | | XA539 | 39 | | XA539 | 41 | | | 16B | 9 | | | UWLS0A | 04 | UWLC0Q | 01 | 1 | TDD | EQ | | 19B | B05 | |
| 06423 | | XA539 | 40 | | XA540 | 22 | | | 16B | 9 | | | UWLC0ER | 01 | UWLC0I | 01 | 1 | TDD | ET | | 19A | B05 | |
| 06508 | | XA539 | 41 | | XA539 | 51 | | | 16B | 9 | | | UWLS0A | 05 | UWLC3Q | 01 | 1 | TDD | HQ | | 22B | B05 | |
| 06475 | | XA539 | 42 | | XA539 | 26 | | | 16B | 9 | | | UWLK00 | 03 | UWLC0N | 01 | 1 | TDD | FN | | 20A | B05 | |
| 06445 | | XA539 | 43 | | | | | | | | | | UWLC3Q | 03 | UWLC3Q | 00 | 1 | TDD | HQ | | 23B | B05 | |
| 01091 | | XA539 | 44 | | | | | | | | | | GND | 01 | | | | TDD | | | 27A | | |
| 08341 | | XA539 | 45 | | | | | | | | | M | UWLC3P | 01 | UWLC3P | 00 | 1 | TDD | HP | | 24B | B05 | |
| 06474 | | XA539 | 46 | | XA539 | 42 | | | 16B | 9 | | | UWLK00 | 02 | UWLC3N | 01 | 1 | TDD | HN | | 21A | B05 | |
| 08340 | | XA539 | 47 | | | | | | | | | M | UWLC2P | 01 | UWLC2P | 00 | 1 | TDD | GP | | 25B | B05 | |
| 06441 | | XA539 | 48 | | XA540 | 42 | | | 16B | 9 | | | UWLC3ER | 01 | UWLC3I | 01 | 1 | TDD | HT | | 22A | B05 | |
| 06439 | | XA539 | 49 | | | | | | | | | | UWLC2Q | 03 | UWLC2Q | 00 | 1 | TDD | GQ | | 26B | B05 | |
| 06493 | | XA539 | 50 | | XA539 | 52 | | | 16B | 9 | | | SPI031 | 05 | UWLC3P | 01 | 1 | TDD | HP | | 23A | B05 | |
| CONNECTOR (XA539) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1426

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA539
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 412

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|------|-------------|------|-------|---------|--------|----------|------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | SIZE | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 06509 | XA539 | 51 | | XA539 | 53 | | | 16B | 9 | | UWLS0A | 06 | UWLC20 | 01 | 1 | TDD | GP | | 27B | | B05 |
| 06494 | XA539 | 52 | | XA539 | 64 | | | 16B | 9 | | SPI031 | 06 | UWLC2P | 01 | 1 | TDD | GP | | 24A | | B05 |
| 06510 | XA539 | 53 | | XA539 | 63 | | | 16B | 9 | | UWLS0A | 07 | UWLC50 | 01 | 1 | TDD | KO | | 28B | | B05 |
| 06435 | XA539 | 54 | | XA540 | 39 | | | 16B | 9 | | UWLC2ER | 01 | UWLC2I | 01 | 1 | TDD | GI | | 25A | | B05 |
| 06457 | XA539 | 55 | | | | | | | | | UWLC5Q | 03 | UWLC50 | 00 | 1 | TDD | KQ | | 29B | | B05 |
| 06473 | XA539 | 56 | | XA539 | 46 | | | 16B | 9 | | UWLK00 | 01 | UWLC2N | 01 | 1 | TDD | GN | | 26A | | B05 |
| 08343 | XA539 | 57 | | | | | | | | M | UWLC5P | 01 | UWLC5P | 00 | 1 | TDD | KP | | 30B | | B05 |
| 01092 | XA539 | 58 | | | | | | | | | GND | 01 | | | | TDD | | | 40A | | |
| 08342 | XA539 | 59 | | | | | | | | M | UWLC4P | 01 | UWLC4P | 00 | 1 | TDD | JP | | 31B | | B05 |
| 06480 | XA539 | 60 | | XA539 | 70 | | | 16B | 9 | | UWLK10 | 02 | UWLC5N | 01 | 1 | TDD | KN | | 28A | | B05 |
| 06451 | XA539 | 61 | | | | | | | | | UWLC4Q | 03 | UWLC4Q | 00 | 1 | TDD | JQ | | 32B | | B05 |
| 06453 | XA539 | 62 | | XA540 | 45 | | | 16B | 9 | | UWLC5ER | 01 | UWLC5I | 01 | 1 | TDD | KI | | 29A | | B05 |
| 06511 | XA539 | 63 | | XA539 | 65 | | | 16B | 9 | | UWLS0A | 08 | UWLC4Q | 01 | 1 | TDD | JQ | | 33B | | B05 |
| 06502 | XA539 | 64 | | XA539 | 66 | | | 16B | 9 | | SPI031 | 07 | UWLC5P | 01 | 1 | TDD | KP | | 30A | | B05 |
| 06512 | XA539 | 65 | | XA539 | 80 | | | 16B | 9 | | UWLS0A | 09 | UWLC7Q | 01 | 1 | TDD | MQ | | 34B | | B05 |
| 06501 | XA539 | 66 | | XA539 | 73 | | | 16B | 9 | | SPI031 | 08 | UWLC4P | 01 | 1 | TDD | JP | | 31A | | B05 |
| 01093 | XA539 | 67 | | | | | | | | | GND | 01 | | | | TDD | | | 40B | | |
| 06447 | XA539 | 68 | | XA540 | 36 | | | 16B | 9 | | UWLC4ER | 01 | UWLC4I | 01 | 1 | TDD | JI | | 32A | | B05 |
| 08345 | XA539 | 69 | | | | | | | | M | UWLC7P | 01 | UWLC7P | 00 | 1 | TDD | MP | | 35A | | B05 |
| 06481 | XA539 | 70 | | XA539 | 72 | | | 16B | 9 | | UWLK10 | 03 | UWLC4N | 01 | 1 | TDD | JN | | 33A | | B05 |
| 06465 | XA539 | 71 | | XA540 | 56 | | | 16B | 9 | | UWLC7ER | 01 | UWLC7I | 01 | 1 | TDD | MI | | 36A | | B05 |
| 06482 | XA539 | 72 | | XA539 | 79 | | | 16B | 9 | | UWLK10 | 04 | UWLC7N | 01 | 1 | TDD | MN | | 34A | | B05 |
| 06500 | XA539 | 73 | | XA539 | 75 | | | 16B | 9 | | SPI031 | 09 | UWLC7P | 01 | 1 | TDD | MP | | 36B | | B05 |
| 06469 | XA539 | 74 | | | | | | | | | UWLC7Q | 03 | UWLC7Q | 00 | 1 | TDD | MQ | | 35B | | B05 |
| 06499 | XA539 | 75 | | XA522 | 76 | | | 16B | 9 | | SPI031 | 10 | UWLC6P | 01 | 1 | TDD | LP | | 37B | | C03 |
| 08344 | XA539 | 76 | | | | | | | | M | UWLC6P | 01 | UWLC6P | 00 | 1 | TDD | LP | | 37A | | B05 |
| 06459 | XA539 | 77 | | XA540 | 51 | | | 16B | 9 | | UWLC6ER | 01 | UWLC6I | 01 | 1 | TDD | LI | | 38B | | B05 |
| 06463 | XA539 | 78 | | | | | | | | | UWLC6Q | 03 | UWLC6Q | 00 | 1 | TDD | LQ | | 38A | | B05 |
| 06483 | XA539 | 79 | | | | | | | | | UWLK10 | 05 | UWLC6N | 01 | 1 | TDD | LN | | 39B | | B05 |
| 06513 | XA539 | 80 | | | | | | | | | UWLS0A | 10 | UWLC6Q | 01 | 1 | TDD | LQ | | 39A | | B05 |
| 01901 | XA540 | 01 | | XA540 | 04 | | | 16B | 9 | | TXDEVR | 03 | TEB49ER | 01 | 2 | EOR | A1 | | 02B | | A07 |
| 01094 | XA540 | 02 | | | | | | | | | GND | 01 | | | | EOR | | | | | |
| 04228 | XA540 | 03 | | | | | | | | | TEB48Q | 03 | TEB49ER | 01 | 1 | EOR | A1 | | 03B | | A07 |
| 01898 | XA540 | 04 | | XA540 | 10 | | | 16B | 9 | | TXDEVR | 04 | TEB39ER | 01 | 2 | EOR | A4 | | 02A | | C01 |
| 04243 | XA540 | 05 | | XA435 | 68 | | | 16B | 9 | | TEB49ER | 01 | TEB49ER | 00 | 1 | EOR | A1 | | 04B | | A07 |
| 04277 | XA540 | 06 | | XA434 | 70 | | | 16B | 9 | | TEB38Q | 01 | TEB39ER | 01 | 1 | EOR | A4 | | 03A | | |
| 01900 | XA540 | 07 | | XA540 | 70 | | | 16B | 9 | | TXDEVR | 06 | TEB19ER | 01 | 2 | EOR | A2 | | 05B | | C01 |
| 04288 | XA540 | 08 | | XA436 | 48 | | | 16B | 9 | | TEB39ER | 01 | TEB39ER | 00 | 1 | EOR | A4 | | 04A | | |
| 04247 | XA540 | 09 | | XA436 | 56 | | | 16B | 9 | | TEB18Q | 01 | TEB19ER | 01 | 1 | EOR | A2 | | 06B | | |
| 01899 | XA540 | 10 | | XA540 | 07 | | | 16B | 9 | | TXDEVR | 05 | TEB29ER | 01 | 2 | EOR | A3 | | 05A | | C01 |
| 04258 | XA540 | 11 | | XA435 | 48 | | | 16B | 9 | | TEB19ER | 01 | TEB19ER | 00 | 1 | EOR | A2 | | 07B | | |
| 00233 | XA540 | 12 | | | | | | | | | +5V | 01 | | | | EOR | | | 08A | | |
| 04273 | XA540 | 13 | | XA434 | 68 | | | 16B | 9 | | TEB29ER | 01 | TEB29ER | 00 | 1 | EOR | A3 | | 07A | | |
| 04264 | XA540 | 14 | | | | | | | | | TEB28Q | 03 | TEB29ER | 01 | 1 | EOR | A3 | | 06A | | |
| 04075 | XA540 | 15 | | | | | | | | | TDIR IR | 06 | TDSC1ER | 01 | 2 | EOR | B1 | | 08B | | |
| 01095 | XA540 | 16 | | | | | | | | | GND | 01 | | | | EOR | | | | | B05 |
| 04088 | XA540 | 17 | | XA541 | 25 | | | 16B | 9 | | TDIRSQ | 03 | TDSC1ER | 01 | 1 | EOR | B1 | | 09B | | |
| 06426 | XA540 | 18 | | XA539 | 37 | | | 16B | 9 | | UWLCOQ | 02 | UWLCOER | 01 | 2 | EOR | B4 | | 09A | | B05 |
| CONNECTOR XA540 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA540
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 413

| RECORD NUMBER | FROM | | | SMT | TO | | | MULTI GROUP | WIRE | | | SCT | SCT | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO | |
|---|--------|-----------|-----|-----|--------|-----------|-----|-------------|------|-------|-------|-----|-----|----------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|--|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | | CODE | COLOR | IDENT | | | | | | | | | | | | | | |
| 04150 | | XA540 | 19 | | | XA407 | 35 | | 16B | 9 | | | | TDSC1ER | 01 | TDSC1ER | 00 | 1 | EOR | B1 | | 10B | | | |
| 06737 | | XA540 | 20 | | | XA438 | 31 | | 16B | 9 | | | | TWOODTA | 02 | UWLC0ER | 01 | 1 | EOR | B4 | | 10A | | B05 | |
| 05879 | | XA540 | 21 | | | XA519 | 25 | | 16B | 9 | | | | TSPNIR | 02 | TDSC2ER | 01 | 2 | EOR | B2 | | 11B | | | |
| 06424 | | XA540 | 22 | | | | | | | | | | | UWLC0ER | 02 | UWLC0ER | 00 | 1 | EOR | B4 | | 11A | | B05 | |
| 05893 | | XA540 | 23 | | | XA542 | 25 | | 16B | 9 | | | | TSPNSQ | 04 | TDSC2ER | 01 | 1 | EOR | B2 | | 12B | | | |
| 06420 | | XA540 | 24 | | | XA539 | 25 | | 16B | 9 | | | | UWLC0ER | 02 | UWLC0ER | 01 | 2 | EOR | B3 | | 12A | | C01 | |
| 06418 | | XA540 | 25 | | | | | | | | | | | UWLC0ER | 02 | UWLC0ER | 00 | 1 | EOR | B3 | | 14A | | B05 | |
| 06801 | | XA540 | 26 | | | XA438 | 42 | | 16B | 9 | | | | TW07BPR | 02 | UWLC0ER | 01 | 1 | EOR | B3 | | 13A | | B05 | |
| 04153 | | XA540 | 27 | | | | | | | | | | | TDSC2ER | 02 | TDSC2ER | 00 | 1 | EOR | B2 | | 13B | | | |
| 00234 | | XA540 | 28 | | | | | | | | | | | +5V | 01 | | | | | | | 08A | | | |
| 06432 | | XA540 | 29 | | | XA539 | 31 | | 16B | 9 | | | | UWLC1Q | 02 | UWLC1ER | 01 | 2 | EOR | C1 | | 14B | | B05 | |
| 06450 | | XA540 | 30 | | | XA539 | 61 | | 16B | 9 | | | | UWLC4Q | 02 | UWLC4ER | 01 | 2 | EOR | C4 | | 15A | | | |
| 06743 | | XA540 | 31 | | | | | | | | | | | TWOODTB | 04 | UWLC1ER | 01 | 1 | EOR | C1 | | 15B | | B05 | |
| 01096 | | XA540 | 32 | | | | | | | | | | | GND | 01 | | | | | | | 27A | | | |
| 06430 | | XA540 | 33 | | | | | | | | | | | UWLC1ER | 02 | UWLC1ER | 00 | 1 | EOR | C1 | | 16B | | B05 | |
| 06769 | | XA540 | 34 | | | XA438 | 38 | | 16B | 9 | | | | TW04DTA | 02 | UWLC4ER | 01 | 1 | EOR | C4 | | 16A | | | |
| 06438 | | XA540 | 35 | | | XA539 | 49 | | 16B | 9 | | | | UWLC2Q | 02 | UWLC2ER | 01 | 2 | EOR | C2 | | 17B | | B05 | |
| 06448 | | XA540 | 36 | | | | | | | | | | | UWLC4ER | 02 | UWLC4ER | 00 | 1 | EOR | C4 | | 17A | | C01 | |
| 06744 | | XA540 | 37 | | | XA543 | 03 | | 16B | 9 | | | | TWOODTC | 01 | UWLC2ER | 01 | 1 | EOR | C2 | | 18B | | B05 | |
| 06444 | | XA540 | 38 | | | XA539 | 43 | | 16B | 9 | | | | UWLC3Q | 02 | UWLC3ER | 01 | 2 | EOR | C3 | | 18A | | B05 | |
| 06436 | | XA540 | 39 | | | | | | | | | | | UWLC2ER | 02 | UWLC2ER | 00 | 1 | EOR | C2 | | 19B | | B05 | |
| 06751 | | XA540 | 40 | | | | | | | | | | | TWOODTD | 04 | UWLC3ER | 01 | 1 | EOR | C3 | | 19A | | B05 | |
| 06456 | | XA540 | 41 | | | XA539 | 55 | | 16B | 9 | | | | UWLC5Q | 02 | UWLC5ER | 01 | 2 | EOR | D1 | | 22B | | B05 | |
| 06442 | | XA540 | 42 | | | | | | | | | | | UWLC3ER | 02 | UWLC3ER | 00 | 1 | EOR | C3 | | 20A | | B05 | |
| 06775 | | XA540 | 43 | | | | | | | | | | | TW04DTB | 04 | UWLC5ER | 01 | 1 | EOR | D1 | | 23B | | B05 | |
| 01097 | | XA540 | 44 | | | | | | | | | | | GND | 01 | | | | | | | 40B | | | |
| 06454 | | XA540 | 45 | | | | | | | | | | | UWLC5ER | 02 | UWLC5ER | 00 | 1 | EOR | D1 | | 24B | | B05 | |
| 01894 | | XA540 | 46 | | | XA541 | 38 | | 16B | 9 | | | | SPIO26 | 03 | TLRCPER | 01 | 2 | EOR | D4 | | 21A | | | |
| 06462 | | XA540 | 47 | | | XA539 | 78 | | 16B | 9 | | | | UWLC6Q | 02 | UWLC6ER | 01 | 2 | EOR | D2 | | 25B | | B05 | |
| 04710 | | XA540 | 48 | | | XA541 | 19 | | 16B | 9 | | | | TLRCPQ | 01 | TLRCPER | 01 | 1 | EOR | D4 | | 22A | | | |
| 06776 | | XA540 | 49 | | | XA543 | 17 | | 16B | 9 | | | | TW04DTC | 01 | UWLC6ER | 01 | 1 | EOR | D2 | | 26B | | B05 | |
| 04709 | | XA540 | 50 | | | | | | | | | | | TLRCPER | 02 | TLRCPER | 00 | 1 | EOR | D4 | | 23A | | | |
| 06460 | | XA540 | 51 | | | | | | | | | | | UWLC6ER | 02 | UWLC6ER | 00 | 1 | EOR | D2 | | 27B | | B05 | |
| 06468 | | XA540 | 52 | | | XA539 | 74 | | 16B | 9 | | | | UWLC7Q | 02 | UWLC7ER | 01 | 2 | EOR | D3 | | 24A | | B05 | |
| 01917 | | XA540 | 53 | | | XA540 | 57 | | 16B | 9 | | | | SPIO26 | 26 | TLR0ER | 01 | 2 | EOR | E1 | | 28B | | | |
| 06783 | | XA540 | 54 | | | | | | | | | | | TW04D TD | 04 | UWLC7ER | 01 | 1 | EOR | D3 | | 25A | | B05 | |
| 04730 | | XA540 | 55 | | | XA541 | 37 | | 16B | 9 | | | | TLRC0Q | 02 | TLRC0ER | 01 | 1 | EOR | E1 | | 29B | | | |
| 06466 | | XA540 | 56 | | | | | | | | | | | UWLC7ER | 02 | UWLC7ER | 00 | 1 | EOR | D3 | | 26A | | B05 | |
| 01918 | | XA540 | 57 | | | XA540 | 61 | | 16B | 9 | | | | SPIO26 | 27 | TLRC3ER | 01 | 2 | EOR | E4 | | 28A | | | |
| 01098 | | XA540 | 58 | | | | | | | | | | | GND | 01 | | | | | | | | | | |
| 04727 | | XA540 | 59 | | | XA541 | 40 | | 16B | 9 | | | | TLRC0ER | 01 | TLRC0ER | 00 | 1 | EOR | E1 | | 30B | | | |
| 04744 | | XA540 | 60 | | | XA541 | 43 | | 16B | 9 | | | | TLRC3Q | 01 | TLRC3ER | 01 | 1 | EOR | E4 | | 29A | | | |
| 01919 | | XA540 | 61 | | | XA540 | 64 | | 16B | 9 | | | | SPIO26 | 28 | TLRC1ER | 01 | 2 | EOR | E2 | | 31B | | | |
| 04743 | | XA540 | 62 | | | | | | | | | | | TLRC3ER | 02 | TLRC3ER | 00 | 1 | EOR | E4 | | 30A | | | |
| 04735 | | XA540 | 63 | | | XA541 | 31 | | 16B | 9 | | | | TLRC1Q | 02 | TLRC1ER | 01 | 1 | EOR | E2 | | 32B | | | |
| 01920 | | XA540 | 64 | | | XA541 | 66 | | 16B | 9 | | | | SPIO26 | 29 | TLRC2ER | 01 | 2 | EOR | E3 | | 31A | | | |
| 04733 | | XA540 | 65 | | | | | | | | | | | TLRC1ER | 02 | TLRC1ER | 00 | 1 | EOR | E2 | | 33B | | | |
| 04739 | | XA540 | 66 | | | XA541 | 49 | | 16B | 9 | | | | TLRC2Q | 01 | TLRC2ER | 01 | 1 | EOR | E3 | | 32A | | | |
| 01099 | | XA540 | 67 | | | | | | | | | | | GND | 01 | | | | | | | | | | |
| 04738 | | XA540 | 68 | | | | | | | | | | | TLRC2ER | 02 | TLRC2ER | 00 | 1 | EOR | E3 | | 33A | | | |
| CONNECTOR XA540 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1428

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA540
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 414

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO | |
|---|--------|-----------|-----|-----|--------|-----------|-----|-----|------|-------------|------|-------|--------|---------|----------|---------|--------|------------------|-------|---------------------|--------------------|--------------------|--------------------|-------|
| | PREFIX | CONNECTOR | PIN | DRY | PREFIX | CONNECTOR | PIN | DRY | SIZE | MULTI-GROUP | CODE | COLOR | | | | | | | | | | | | IDENT |
| 01923 | | XA540 | 69 | | | XA540 | 75 | | | | 16B | 9 | | SPI026 | 32 | TLRC4ER | 01 | 2 | EOR | F1 | | 34B | | |
| 01922 | | XA540 | 70 | | | XA540 | 75 | | | | 16B | 9 | | TXDEVR | 07 | TEB09ER | 01 | 2 | EOR | F4 | | 34A | C01 | |
| 04749 | | XA540 | 71 | | | XA541 | 61 | | | | 16B | 9 | | TLRC4Q | 01 | TLRC4ER | 01 | 1 | EOR | F1 | | 35B | | |
| 04765 | | XA540 | 72 | | | XA541 | 61 | | | | 16B | 9 | | TEB09Q | 02 | TEB09ER | 01 | 1 | EOR | F4 | | 35A | C01 | |
| 04748 | | XA540 | 73 | | | | | | | | 16B | 9 | | TLRC4ER | 02 | TLRC4ER | 00 | 1 | EOR | F1 | | 36B | | |
| 04763 | | XA540 | 74 | | | | | | | | 16B | 9 | | TEB09ER | 02 | TEB09ER | 00 | 1 | EOR | F4 | | 36A | C01 | |
| 01924 | | XA540 | 75 | | | XA540 | 76 | | | | 16B | 9 | | SPI026 | 33 | TLRC5ER | 01 | 2 | EOR | F2 | | 37B | | |
| 01925 | | XA540 | 76 | | | XA541 | 75 | | | | 16B | 9 | | SPI026 | 34 | TLRC6ER | 01 | 2 | EOR | F3 | | 37A | | |
| 04754 | | XA540 | 77 | | | XA541 | 55 | | | | 16B | 9 | | TLRC5Q | 01 | TLRC5ER | 01 | 1 | EOR | F2 | | 38B | | |
| 04760 | | XA540 | 78 | | | XA541 | 78 | | | | 16B | 9 | | TLRC6Q | 02 | TLRC6ER | 01 | 1 | EOR | F3 | | 38A | | |
| 04753 | | XA540 | 79 | | | | | | | | 16B | 9 | | TLRC5ER | 02 | TLRC5ER | 00 | 1 | EOR | F2 | | 39B | | |
| 04758 | | XA540 | 80 | | | | | | | | 16B | 9 | | TLRC6ER | 02 | TLRC6ER | 00 | 1 | EOR | F3 | | 39A | | |
| 07151 | | XA541 | 01 | | | XA539 | 01 | | | | 16B | 9 | | TXDV1B | 06 | TTS2BN | 01 | 1 | TDD | BN | | 02B | | |
| 01100 | | XA541 | 02 | | | XA539 | 01 | | | | 16B | 9 | | GND | 01 | TTS2BN | 01 | 1 | TDD | | | 01B | | |
| 01865 | | XA541 | 03 | | | XA544 | 48 | | | | 16B | 9 | | SPI024 | 36 | TTS2BQ | 01 | 1 | TDD | BQ | | 02A | | |
| 07377 | | XA541 | 04 | | | XA541 | 06 | | | | 16B | 9 | | TXRS0B | 03 | TTS2BP | 01 | 1 | TDD | BP | | 04A | | |
| 06175 | | XA541 | 05 | | | | | | | | 16B | 9 | | TTS290 | 03 | TTS2BI | 01 | 1 | TDD | BI | | 03B | | |
| 07378 | | XA541 | 06 | | | XA539 | 06 | | | | 16B | 9 | | TXRS0B | 04 | TTS1BP | 01 | 1 | TDD | AP | | 05A | | |
| 06150 | | XA541 | 07 | | | XA408 | 23 | | | | 16B | 9 | | TTS2BQ | 01 | TTS2BQ | 00 | 1 | TDD | BQ | | 03A | TRANSPORT 2 SELECT | |
| 06147 | | XA541 | 08 | | | | | | | | 16B | 9 | | TTS190 | 03 | TTS1BI | 01 | 1 | TDD | AI | | 04A | | |
| 06149 | | XA541 | 09 | | | | | | | | 16B | 9 | | TTS2BP | 02 | TTS2BP | 00 | 1 | TDD | BP | | 04B | | |
| 07149 | | XA541 | 10 | | | XA542 | 01 | | | | 16B | 9 | | TXDV1B | 04 | TTS1BN | 01 | 1 | TDD | AN | | 07A | | |
| 06124 | | XA541 | 11 | | | XA408 | 17 | | | | 16B | 9 | | TTS1BP | 01 | TTS1BP | 00 | 1 | TDD | AP | | 05B | | |
| 00235 | | XA541 | 12 | | | | | | | | 16B | 9 | | TTS1BP | 01 | TTS1BP | 00 | 1 | TDD | | | | | |
| 06128 | | XA541 | 13 | | | | | | | | 16B | 9 | | TTS1BQ | 03 | TTS1BQ | 00 | 1 | TDD | AQ | | 04B | TRANSPORT 1 SELECT | |
| 06237 | | XA541 | 14 | | | XA542 | 19 | | | | 16B | 9 | | TTOPBQ | 01 | TLRCPN | 01 | 1 | TDD | DN | | 09A | | |
| 01897 | | XA541 | 15 | | | XA539 | 03 | | | | 16B | 9 | | SPI026 | 06 | TTS1BQ | 01 | 1 | TDD | AQ | | 07B | C01 | |
| 01101 | | XA541 | 16 | | | | | | | | 16B | 9 | | GND | 01 | TTS1BQ | 01 | 1 | TDD | | | 20B | | |
| 04723 | | XA541 | 17 | | | XA517 | 38 | | | | 16B | 9 | | TLRCSA | 09 | TLRCPQ | 01 | 1 | TDD | DO | | 08B | | |
| 04708 | | XA541 | 18 | | | XA540 | 50 | | | | 16B | 9 | | TLRCPER | 01 | TLRCPQ | 01 | 1 | TDD | DI | | 10A | | |
| 04711 | | XA541 | 19 | | | XA408 | 59 | | | | 16B | 9 | | TLRCPQ | 02 | TLRCPQ | 00 | 1 | TDD | DO | | 09B | LRC REG BIT P | |
| 01957 | | XA541 | 20 | | | XA542 | 17 | | | | 16B | 9 | | SPI028 | 21 | TLRCPQ | 01 | 1 | TDD | DP | | 11A | | |
| 08259 | | XA541 | 21 | | | | | | | | 16B | 9 | | TLRCPQ | 01 | TLRCPQ | 00 | 1 | TDD | DP | | 10B | | |
| 05026 | | XA541 | 22 | | | XA542 | 22 | | | | 16B | 9 | | TRDCAB | 14 | TDIRSP | 01 | 1 | TDD | CP | | 12A | | |
| 04083 | | XA541 | 23 | | | XA505 | 04 | | | | 16B | 9 | | TDIRSP | 01 | TDIRSP | 00 | 1 | TDD | CP | | 11B | | |
| 07612 | | XA541 | 24 | | | XA441 | 22 | | | | 16B | 9 | | TXR4CS | 05 | TDIRSI | 01 | 1 | TDD | CI | | 13A | | |
| 04089 | | XA541 | 25 | | | | | | | | 16B | 9 | | TDIRSQ | 04 | TDIRSQ | 00 | 1 | TDD | CQ | | 12B | NEW DIRECTION F/F | |
| 07146 | | XA541 | 26 | | | XA542 | 26 | | | | 16B | 9 | | TXDV1B | 01 | TDIRSN | 01 | 1 | TDD | CN | | 14A | | |
| 01896 | | XA541 | 27 | | | XA541 | 15 | | | | 16B | 9 | | SPI026 | 05 | TDIRSQ | 01 | 1 | TDD | CQ | | 13B | | |
| 00236 | | XA541 | 28 | | | | | | | | 16B | 9 | | +5V | 01 | TDIRSQ | 01 | 1 | TDD | | | | | |
| 04722 | | XA541 | 29 | | | XA541 | 17 | | | | 16B | 9 | | TLRCSA | 08 | TLRC1Q | 01 | 1 | TDD | FQ | | 14B | | |
| 06255 | | XA541 | 30 | | | XA542 | 31 | | | | 16B | 9 | | TTO1BQ | 06 | TLRC1N | 01 | 1 | TDD | FN | | 15A | | |
| 04736 | | XA541 | 31 | | | | | | | | 16B | 9 | | TLRC1Q | 03 | TLRC1Q | 00 | 1 | TDD | FQ | | 15B | LRC REG BIT 1 | |
| 01102 | | XA541 | 32 | | | | | | | | 16B | 9 | | GND | 01 | TLRC1Q | 00 | 1 | TDD | | | 21B | | |
| 08261 | | XA541 | 33 | | | | | | | | 16B | 9 | | TLRC1P | 01 | TLRC1P | 00 | 1 | TDD | FP | | 16B | | |
| 04732 | | XA541 | 34 | | | XA540 | 65 | | | | 16B | 9 | | TLRC1P | 01 | TLRC1P | 01 | 1 | TDD | FI | | 16A | | |
| 08260 | | XA541 | 35 | | | | | | | | 16B | 9 | | TLRCOP | 01 | TLRCOP | 00 | 1 | TDD | EP | | 17B | | |
| 01955 | | XA541 | 36 | | | XA542 | 29 | | | | 16B | 9 | | SPI028 | 19 | TLRC1P | 01 | 1 | TDD | FP | | 17A | | |
| CONNECTOR XA541 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA541
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 415

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SFC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|----|--------|-----------|-----|----|-------------|------|-------|-------|---------------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | OR | PREFIX | CONNECTOR | PIN | OR | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | |
| 04731 | | XA541 | 37 | | | | | | | | | | TLRC0Q | 03 | TLRC0Q | 00 | 1 | TDD | EQ | | 18B | LRC REG BIT 0 | | |
| 01895 | | XA541 | 38 | | XA541 | 27 | | | | 16B | 9 | | SPIO26 | 04 | TLRC0P | 01 | 1 | TDD | EP | | 18A | | | |
| 04721 | | XA541 | 39 | | XA541 | 29 | | | | 16B | 9 | | TLRCSA | 07 | TLRC0Q | 01 | 1 | TDD | EQ | | 19B | | | |
| 04728 | | XA541 | 40 | | | | | | | | | | TLRCOER | 02 | TLRC0I | 01 | 1 | TDD | EI | | 19A | | | |
| 04720 | | XA541 | 41 | | XA541 | 39 | | | | 16B | 9 | | TLRCSA | 06 | TLRC3Q | 01 | 1 | TDD | HQ | | 22B | | | |
| 06246 | | XA541 | 42 | | XA542 | 37 | | | | 16B | 9 | | TT00B0 | 06 | TLRC0N | 01 | 1 | TDD | EN | | 20A | | | |
| 04745 | | XA541 | 43 | | XA507 | 49 | | | | 16B | 9 | | TLRC3Q | 02 | TLRC3Q | 00 | 1 | TDD | HQ | | 23B | LRC REG BIT 3 | | |
| 01103 | | XA541 | 44 | | | | | | | | | | GND | 01 | | | | TDD | | | 27A | | | |
| 08263 | | XA541 | 45 | | | | | | | | | M | TLRC3P | 01 | TLRC3P | 00 | 1 | TDD | HP | | 24B | | | |
| 06274 | | XA541 | 46 | | | | | | | | | | TT03B0 | 07 | TLRC3N | 01 | 1 | TDD | HN | | 21A | | | |
| 08262 | | XA541 | 47 | | | | | | | | | M | TLRC2P | 01 | TLRC2P | 00 | 1 | TDD | GP | | 25B | | | |
| 04742 | | XA541 | 48 | | XA540 | 62 | | | | 16B | 9 | | TLRC3ER | 01 | TLRC3I | 01 | 1 | TDD | HI | | 22A | | | |
| 04740 | | XA541 | 49 | | XA507 | 48 | | | | 16B | 9 | | TLRC2Q | 02 | TLRC2Q | 00 | 1 | TDD | GO | | 26B | LRC REG BIT 2 | | |
| 01953 | | XA541 | 50 | | XA542 | 41 | | | | 16B | 9 | | SPIO28 | 17 | TLRC3P | 01 | 1 | TDD | HP | | 23A | | | |
| 04719 | | XA541 | 51 | | XA541 | 41 | | | | 16B | 9 | | TLRCSA | 05 | TLRC2Q | 01 | 1 | TDD | GO | | 27B | | | |
| 01893 | | XA541 | 52 | | XA540 | 46 | | | | 16B | 9 | | SPIO26 | 02 | TLRC2P | 01 | 1 | TDD | GP | | 24A | | | |
| 04718 | | XA541 | 53 | | XA541 | 51 | | | | 16B | 9 | | TLRCSA | 04 | TLRC5Q | 01 | 1 | TDD | KQ | | 28B | | | |
| 04737 | | XA541 | 54 | | XA540 | 68 | | | | 16B | 9 | | TLRC2ER | 01 | TLRC2I | 01 | 1 | TDD | GI | | 25A | | | |
| 04755 | | XA541 | 55 | | XA507 | 52 | | | | 16B | 9 | | TLRC5Q | 02 | TLRC5Q | 00 | 1 | TDD | KQ | | 29B | LRC REG BIT 5 | | |
| 06259 | | XA541 | 56 | | XA542 | 49 | | | | 16B | 9 | | TT02B0 | 01 | TLRC2N | 01 | 1 | TDD | GN | | 26A | | | |
| 08265 | | XA541 | 57 | | | | | | | | | M | TLRC5P | 01 | TLRC5P | 00 | 1 | TDD | KP | | 30B | | | |
| 01104 | | XA541 | 58 | | | | | | | | | | GND | 01 | | | | TDD | | | 40A | | | |
| 08264 | | XA541 | 59 | | | | | | | | | M | TLRC4P | 01 | TLRC4P | 00 | 1 | TDD | JP | | 31B | | | |
| 06292 | | XA541 | 60 | | | | | | | | | | TT05B0 | 07 | TLRC5N | 01 | 1 | TDD | KN | | 28A | | | |
| 04750 | | XA541 | 61 | | XA507 | 50 | | | | 16B | 9 | | TLRC4Q | 02 | TLRC4Q | 00 | 1 | TDD | JO | | 32B | LRC REG BIT 4 | | |
| 04752 | | XA541 | 62 | | XA540 | 79 | | | | 16B | 9 | | TLRC5ER | 01 | TLRC5I | 01 | 1 | TDD | KI | | 29A | | | |
| 04717 | | XA541 | 63 | | XA541 | 53 | | | | 16B | 9 | | TLRCSA | 03 | TLRC4Q | 01 | 1 | TDD | JO | | 33B | | | |
| 01950 | | XA541 | 64 | | XA541 | 73 | | | | 16B | 9 | | SPIO28 | 14 | TLRC5P | 01 | 1 | TDD | KP | | 30A | | | |
| 04716 | | XA541 | 65 | | XA541 | 63 | | | | 16B | 9 | | TLRCSA | 02 | TLRC7Q | 01 | 1 | TDD | MQ | | 34B | | | |
| 01921 | | XA541 | 66 | | XA540 | 69 | | | | 16B | 9 | | SPIO26 | 30 | TLRC4P | 01 | 1 | TDD | JP | | 31A | | CO1 | |
| 01105 | | XA541 | 67 | | | | | | | | | | GND | 01 | | | | TDD | | | 40B | | | |
| 04747 | | XA541 | 68 | | XA540 | 73 | | | | 16B | 9 | | TLRC4ER | 01 | TLRC4I | 01 | 1 | TDD | JT | | 32A | | | |
| 08267 | | XA541 | 69 | | | | | | | | | M | TLRC7P | 01 | TLRC7P | 00 | 1 | TDD | MP | | 35A | | | |
| 06277 | | XA541 | 70 | | XA542 | 61 | | | | 16B | 9 | | TT04B0 | 01 | TLRC4N | 01 | 1 | TDD | JN | | 33A | | | |
| 04762 | | XA541 | 71 | | XA428 | 52 | | | | 16B | 9 | | TLRC7Q | 01 | TLRC7I | 01 | 1 | TDD | MI | | 36A | | CO1 | |
| 06309 | | XA541 | 72 | | XA542 | 74 | | | | 16B | 9 | | TT07B0 | 06 | TLRC7N | 01 | 1 | TDD | MN | | 34A | | | |
| 01951 | | XA541 | 73 | | XA542 | 53 | | | | 16B | 9 | | SPIO28 | 15 | TLRC7P | 01 | 1 | TDD | MP | | 36B | | | |
| 04766 | | XA541 | 74 | | XA428 | 54 | | | | 16B | 9 | | TLRC7Q | 02 | TLRC7Q | 00 | 1 | TDD | MQ | | 35B | LRC REG BIT 7 | CO1 | |
| 01926 | | XA541 | 75 | | | | | | | | | M | SPIO26 | 35 | TLRC6P | 01 | 1 | TDD | LP | | 37B | | | |
| 08266 | | XA541 | 76 | | | | | | | | | | TLRC6P | 01 | TLRC6P | 00 | 1 | TDD | LP | | 37A | | | |
| 04757 | | XA541 | 77 | | XA540 | 80 | | | | 16B | 9 | | TLRC6ER | 01 | TLRC6I | 01 | 1 | TDD | LI | | 38B | | | |
| 04761 | | XA541 | 78 | | | | | | | | | | TLRC6Q | 03 | TLRC6Q | 00 | 1 | TDD | LQ | | 38A | LRC REG BIT 6 | | |
| 06300 | | XA541 | 79 | | XA542 | 78 | | | | 16B | 9 | | TT06B0 | 06 | TLRC6N | 01 | 1 | TDD | LN | | 39B | | | |
| 04715 | | XA541 | 80 | | XA541 | 65 | | | | 16B | 9 | | TLRCSA | 01 | TLRC6Q | 01 | 1 | TDD | LQ | | 39A | | | |
| 07150 | | XA542 | 01 | | XA541 | 01 | | | | 16B | 9 | | TXDV1B | 05 | TTS4BN | 01 | 1 | TDD | BN | | 02B | | | |
| 01106 | | XA542 | 02 | | | | | | | | | | GND | 01 | | | | TDD | | | 01B | | | |
| 01959 | | XA542 | 03 | | | | | | | | | | SPIO28 | 23 | TTS4BQ | 01 | 1 | TDD | BQ | | 02A | | | |
| 07376 | | XA542 | 04 | | XA541 | 04 | | | | 16B | 9 | | TXRS0B | 02 | TTS4BP | 01 | 1 | TDD | BP | | 04A | | | |
| CONNECTOR (XA542) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1430

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA542
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 416

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SPE INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|------|--------|-----------|------|------|-------------|------|---------------|---------|--------|----------|------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SHEF | PREFIX | CONNECTOR | PIN | SHEF | MULTI GROUP | CODE | | | | | | | | | | | | |
| 05231 | | XA542 | 05 | | | | | | | | | TTS490 | 03 | TTS48I | 01 | 1 | TDD | BI | | 03B | | |
| 07375 | | XA542 | 06 | | XA542 | 04 | | | 16B | 9 | | TXRS0B | 01 | TTS38P | 01 | 1 | TDD | AP | | 05A | | |
| 06206 | | XA542 | 07 | | XA408 | 35 | | | 16B | 9 | | TTS48Q | 01 | TTS48Q | 00 | 1 | TDD | BQ | | 03A | TRANSPORT 4 SELECT | |
| 06203 | | XA542 | 08 | | | | | | | | | TTS390 | 03 | TTS38I | 01 | 1 | TDD | AI | | 06A | | |
| 06205 | | XA542 | 09 | | | | | | | | | TTS48P | 02 | TTS48P | 00 | 1 | TDD | BP | | 04B | | |
| 07148 | | XA542 | 10 | | XA541 | 10 | | | 16B | 9 | | TXDV1B | 03 | TTS38N | 01 | 1 | TDD | AN | | 07A | | |
| 06176 | | XA542 | 11 | | XA408 | 29 | | | 16B | 9 | | TTS38P | 01 | TTS38P | 00 | 1 | TDD | AP | | 05B | | |
| 00237 | | XA542 | 12 | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 06180 | | XA542 | 13 | | | | | | | | | TTS38Q | 03 | TTS38Q | 00 | 1 | TDD | AQ | | 06B | TRANSPORT 3 SELECT | |
| 06077 | | XA542 | 14 | | XA517 | 22 | | | 16B | 9 | | TTCPO0 | 05 | TTOPBN | 01 | 1 | TDD | DN | | 09A | | |
| 01962 | | XA542 | 15 | | XA542 | 39 | | | 16B | 9 | | SPI029 | 03 | TTS380 | 01 | 1 | TDD | AQ | | 07B | | |
| 01107 | | XA542 | 16 | | | | | | | | | GND | 01 | | | | TDD | | | 20B | | |
| 01958 | | XA542 | 17 | | XA542 | 03 | | | 16B | 9 | | SPI028 | 22 | TTOPBQ | 01 | 1 | TDD | DQ | | 08B | | |
| 04977 | | XA542 | 18 | | XA546 | 47 | | | 16B | 9 | | TROBPOX | 01 | TTOPBI | 01 | 1 | TDD | DI | | 10A | | |
| 06238 | | XA542 | 19 | | | | | | | | | TTOPBQ | 02 | TTOPBQ | 00 | 1 | TDD | DQ | | 09B | READ REG BIT P | |
| 06095 | | XA542 | 20 | | XA517 | 21 | | | 16B | 9 | | TTRS0A | 05 | TTOPBP | 01 | 1 | TDD | DP | | 11A | | |
| 06233 | | XA542 | 21 | | XA506 | 54 | | | 16B | 9 | | TTOPBP | 02 | TTOPBP | 00 | 1 | TDD | DP | | 10B | | |
| 05027 | | XA542 | 22 | | | | | | | | | TROCAB | 15 | TSPNSP | 01 | 1 | TDD | CP | | 12A | | |
| 05888 | | XA542 | 23 | | XA407 | 47 | | | 16B | 9 | | TSPNSP | 01 | TSPNSP | 00 | 1 | TDD | CP | | 11B | | |
| 05207 | | XA542 | 24 | | | | | | | | | TREW3A | 02 | TSPNSI | 01 | 1 | TDD | CI | | 13A | | |
| 05894 | | XA542 | 25 | | | | | | | | | TSPNSQ | 05 | TSPNSQ | 00 | 1 | TDD | CQ | | 12B | NEW SPEED | |
| 07147 | | XA542 | 26 | | XA542 | 10 | | | 16B | 9 | | TXDV1B | 02 | TSPNSN | 01 | 1 | TDD | CN | | 14A | | |
| 01964 | | XA542 | 27 | | XA543 | 31 | | | 16B | 9 | | SPI029 | 05 | TSPNSQ | 01 | 1 | TDD | CQ | | 13B | | |
| 00238 | | XA542 | 28 | | | | | | | | | +5V | 01 | | | | TDD | | | | | |
| 01956 | | XA542 | 29 | | XA541 | 20 | | | 16B | 9 | | SPI028 | 20 | TT01BQ | 01 | 1 | TDD | FQ | | 14B | | |
| 06076 | | XA542 | 30 | | XA542 | 14 | | | 16B | 9 | | TTCPO0 | 04 | TT01BN | 01 | 1 | TDD | FN | | 15A | | |
| 06256 | | XA542 | 31 | | | | | | | | | TT01BQ | 07 | TT01BQ | 00 | 1 | TDD | FQ | | 15B | READ REG BIT 1 | |
| 01108 | | XA542 | 32 | | | | | | | | | GND | 01 | | | | TDD | | | 21B | | |
| 06249 | | XA542 | 33 | | | | | | | | | TT01BP | 02 | TT01BP | 00 | 1 | TDD | FP | | 16B | | |
| 04987 | | XA542 | 34 | | XA546 | 15 | | | 16B | 9 | | TRDB10X | 01 | TT01BI | 01 | 1 | TDD | FI | | 16A | | |
| 06240 | | XA542 | 35 | | | | | | | | | TT00BP | 02 | TT00BP | 00 | 1 | TDD | EP | | 17B | | |
| 06094 | | XA542 | 36 | | XA542 | 20 | | | 16B | 9 | | TTRS0A | 04 | TT01BP | 01 | 1 | TDD | FP | | 17A | | |
| 06247 | | XA542 | 37 | | | | | | | | | TT00BQ | 07 | TT00BQ | 00 | 1 | TDD | EQ | | 18B | READ REG BIT 0 | |
| 06093 | | XA542 | 38 | | XA542 | 36 | | | 16B | 9 | | TTRS0A | 03 | TT00BP | 01 | 1 | TDD | EP | | 18A | | |
| 01963 | | XA542 | 39 | | XA542 | 27 | | | 16B | 9 | | SPI029 | 04 | TT00BQ | 01 | 1 | TDD | EQ | | 19B | | |
| 04983 | | XA542 | 40 | | XA546 | 09 | | | 16B | 9 | | TRDB00X | 01 | TT00BI | 01 | 1 | TDD | EI | | 19A | | |
| 01954 | | XA542 | 41 | | XA541 | 36 | | | 16B | 9 | | SPI028 | 18 | TT0380 | 01 | 1 | TDD | HQ | | 22B | | |
| 06075 | | XA542 | 42 | | XA542 | 30 | | | 16B | 9 | | TTCPO0 | 03 | TT00BN | 01 | 1 | TDD | EN | | 20A | | |
| 06273 | | XA542 | 43 | | XA541 | 46 | | | 16B | 9 | | TT038Q | 06 | TT038Q | 00 | 1 | TDD | HQ | | 23B | READ REG BIT 3 | |
| 01109 | | XA542 | 44 | | | | | | | | | GND | 01 | | | | TDD | | | 27A | | |
| 06267 | | XA542 | 45 | | | | | | | | | TT038P | 02 | TT038P | 00 | 1 | TDD | HP | | 24B | | |
| 06074 | | XA542 | 46 | | XA542 | 42 | | | 16B | 9 | | TTCPO0 | 02 | TT038N | 01 | 1 | TDD | HN | | 21A | | |
| 06258 | | XA542 | 47 | | | | | | | | | TT02BP | 02 | TT02BP | 00 | 1 | TDD | GP | | 25B | | |
| 04995 | | XA542 | 48 | | XA546 | 03 | | | 16B | 9 | | TRDB30X | 01 | TT038I | 01 | 1 | TDD | HI | | 22A | | |
| 06260 | | XA542 | 49 | | XA537 | 29 | | | 16B | 9 | | TT02BQ | 02 | TT02BQ | 00 | 1 | TDD | GQ | | 26B | READ REG BIT 2 | |
| 06092 | | XA542 | 50 | | XA542 | 38 | | | 16B | 9 | | TTRS0A | 02 | TT038P | 01 | 1 | TDD | HP | | 23A | | |
| 01975 | | XA542 | 51 | | XA542 | 63 | | | 16B | 9 | | SPI029 | 16 | TT02BQ | 01 | 1 | TDD | GQ | | 27B | | |
| 06091 | | XA542 | 52 | | XA542 | 50 | | | 16B | 9 | | TTRS0A | 01 | TT02BP | 01 | 1 | TDD | GP | | 24A | | |
| 01952 | | XA542 | 53 | | XA541 | 50 | | | 16B | 9 | | SPI028 | 16 | TT058Q | 01 | 1 | TDD | KQ | | 28B | | |
| 04991 | | XA542 | 54 | | XA546 | 10 | | | 16B | 9 | | TRDB20X | 01 | TT02BI | 01 | 1 | TDD | GI | | 25A | | |
| CONNECTOR XA542 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1431

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA542
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 417

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | TO IN | PREFIX | CONNECTOR | PIN | TO IN | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 06291 | | XA542 | 55 | | | XA541 | 60 | | | 16B | 9 | | TT05BQ | 06 | TT05BQ | 00 | 1 | TDD | KQ | | 29B | READ REG BIT 5 | |
| 06073 | | XA542 | 56 | | | XA542 | 46 | | | 16B | 9 | | TTCP00 | 01 | TT02BN | 01 | 1 | TDD | GN | | 26A | | |
| 06285 | | XA542 | 57 | | | | | | | | | | TT05BP | 02 | TT05BP | 00 | 1 | TDD | KP | | 30B | | |
| 01110 | | XA542 | 58 | | | | | | | | | | GND | 01 | | | | TDD | | | 40A | | |
| 06276 | | XA542 | 59 | | | | | | | | | | TT04BP | 02 | TT04BP | 00 | 1 | TDD | JP | | 31B | | |
| 06080 | | XA542 | 60 | | | XA542 | 70 | | | 16B | 9 | | TTCP10 | 02 | TT05BN | 01 | 1 | TDD | KN | | 28A | | |
| 06278 | | XA542 | 61 | | | XA537 | 54 | | | 16B | 9 | | TT04BQ | 02 | TT04BQ | 00 | 1 | TDD | JO | | 32B | READ REG BIT 4 | |
| 05003 | | XA542 | 62 | | | XA546 | 35 | | | 16B | 9 | | TRDB50X | 01 | TT05BI | 01 | 1 | TDD | KI | | 29A | | |
| 01976 | | XA542 | 63 | | | XA543 | 61 | | | 16B | 9 | | SPIO29 | 17 | TT04BQ | 01 | 1 | TDD | JO | | 33B | | |
| 06103 | | XA542 | 64 | | | XA517 | 27 | | | 16B | 9 | | TTRS1A | 04 | TT05BP | 01 | 1 | TDD | KP | | 30A | | |
| 01949 | | XA542 | 65 | | | XA541 | 64 | | | 16B | 9 | | SPIO28 | 13 | TT07BQ | 01 | 1 | TDD | MQ | | 34B | | |
| 06102 | | XA542 | 66 | | | XA542 | 64 | | | 16B | 9 | | TTRS1A | 03 | TT04BP | 01 | 1 | TDD | JP | | 31A | | |
| 01111 | | XA542 | 67 | | | | | | | | | | GND | 01 | | | | TDD | | | 40B | | |
| 04999 | | XA542 | 68 | | | XA546 | 29 | | | 16B | 9 | | TRDB40X | 01 | TT04BI | 01 | 1 | TDD | JT | | 32A | | |
| 06303 | | XA542 | 69 | | | | | | | | | | TT07BP | 02 | TT07BP | 00 | 1 | TDD | MP | | 35A | | |
| 06081 | | XA542 | 70 | | | XA542 | 72 | | | 16B | 9 | | TTCP10 | 03 | TT04BN | 01 | 1 | TDD | JN | | 33A | | |
| 05011 | | XA542 | 71 | | | XA546 | 30 | | | 16B | 9 | | TRDB70X | 01 | TT07BI | 01 | 1 | TDD | MI | | 36A | | |
| 06082 | | XA542 | 72 | | | XA542 | 79 | | | 16B | 9 | | TTCP10 | 04 | TT07BN | 01 | 1 | TDD | MN | | 34A | | |
| 06101 | | XA542 | 73 | | | XA542 | 66 | | | 16B | 9 | | TTRS1A | 02 | TT07BP | 01 | 1 | TDD | MP | | 36B | | |
| 06310 | | XA542 | 74 | | | | | | | | | | TT07BQ | 07 | TT07BQ | 00 | 1 | TDD | MQ | | 35B | READ REG BIT 7 | |
| 06100 | | XA542 | 75 | | | XA542 | 73 | | | 16B | 9 | | TTRS1A | 01 | TT06BP | 01 | 1 | TDD | LP | | 37B | | |
| 06294 | | XA542 | 76 | | | | | | | | | | TT06BP | 02 | TT06BP | 00 | 1 | TDD | LP | | 37A | | |
| 05007 | | XA542 | 77 | | | XA546 | 40 | | | 16B | 9 | | TRDB60X | 01 | TT06BI | 01 | 1 | TDD | LI | | 38B | | |
| 06301 | | XA542 | 78 | | | | | | | | | | TT06BQ | 07 | TT06BQ | 00 | 1 | TDD | LQ | | 38A | READ REG BIT 6 | |
| 06083 | | XA542 | 79 | | | | | | | | | | TTCP10 | 05 | TT06BN | 01 | 1 | TDD | LN | | 39B | | |
| 01983 | | XA542 | 80 | | | XA543 | 73 | | | 16B | 9 | | SPIO29 | 24 | TT06BQ | 01 | 1 | TDD | LQ | | 39A | | |
| 06337 | | XA543 | 01 | | | XA443 | 60 | | | 16B | 9 | P | TWDB1D | 02 | TWDB1B4 | 01 | 1 | TLD | A2 | | 02B | | |
| 06339 | | XA543 | 01 | | | | | | | | | J | TWDB1D | 01 | TWDB1D | 00 | 1 | TLD | A2 | | 02B | WRITE DATA 1 DRIVE | |
| 01112 | | XA543 | 02 | | | | | | | | | | GND | 01 | | | | TLD | | | 01A | | |
| 06745 | | XA543 | 03 | | | XA438 | 35 | | | 16B | 9 | | TWOODTC | 02 | TWDB2D | 01 | 1 | TLD | A3 | | 02A | | |
| 06742 | | XA543 | 04 | | | XA540 | 31 | | | 16B | 9 | | TWOODTB | 03 | TWDB1D | 01 | 1 | TLD | A2 | | 04A | | |
| 06371 | | XA543 | 05 | | | XA543 | 07 | | | 16B | 9 | | TWDBE0 | 02 | TWDB1D | 01 | 2 | TLD | A2 | | 03B | | |
| 06333 | | XA543 | 06 | | | XA443 | 66 | | | 16B | 9 | P | TWDB0D | 02 | TWDB0B4 | 01 | 1 | TLD | A1 | | 05A | WRITE DATA 0 DRIVE | |
| 06335 | | XA543 | 06 | | | | | | | | | J | TWDB0D | 01 | TWDB0D | 00 | 1 | TLD | A1 | | 05A | TWDB0B4 BUSS | |
| 06372 | | XA543 | 07 | | | XA543 | 13 | | | 16B | 9 | | TWDBE0 | 03 | TWDB2D | 01 | 2 | TLD | A3 | | 03A | | |
| 06736 | | XA543 | 08 | | | XA540 | 20 | | | 16B | 9 | | TWOODTA | 01 | TWDB0D | 01 | 1 | TLD | A1 | | 06A | | |
| 06341 | | XA543 | 09 | | | XA443 | 57 | | | 16B | 9 | | TWDB2D | 02 | TWDB2B4 | 01 | 1 | TLD | A3 | | 04B | WRITE DATA 2 DRIVE | |
| 06343 | | XA543 | 09 | | | | | | | | | J | TWDB2D | 01 | TWDB2D | 00 | 1 | TLD | A3 | | 04B | TWDB2B4 BUSS | |
| 06370 | | XA543 | 10 | | | XA543 | 05 | | | 16B | 9 | | TWDBE0 | 01 | TWDB0D | 01 | 2 | TLD | A1 | | 07A | | |
| 06750 | | XA543 | 11 | | | XA540 | 40 | | | 16B | 9 | | TWOODTD | 03 | TWDB3D | 01 | 1 | TLD | A4 | | 05B | | |
| 00239 | | XA543 | 12 | | | | | | | | | | +5V | 01 | | | | TLD | | | | | |
| 06373 | | XA543 | 13 | | | XA511 | 75 | | | 16B | 9 | | TWDBE0 | 04 | TWDB3D | 01 | 2 | TLD | A4 | | 06B | | |
| 06353 | | XA543 | 14 | | | XA443 | 72 | | | 16B | 9 | P | TWDB5D | 02 | TWDB5B4 | 01 | 1 | TLD | B2 | | 09A | WRITE DATA 5 DRIVE | |
| 06355 | | XA543 | 14 | | | | | | | | | J | TWDB5D | 01 | TWDB5D | 00 | 1 | TLD | B2 | | 09A | TWDB5B4 BUSS | |
| 06344 | | XA543 | 15 | | | XA544 | 07 | | | 16B | 9 | P | TWDB3D | 01 | TWDB3B4 | 01 | 1 | TLD | A4 | | 07B | WRITE DATA 3 DRIVE | |
| 06347 | | XA543 | 15 | | | | | | | | | J | TWDB3D | 01 | TWDB3D | 00 | 1 | TLD | A4 | | 07B | TWDB3B4 BUSS | |
| 01113 | | XA543 | 16 | | | | | | | | | | GND | 01 | | | | TLD | | | 01B | | |
| 08487 | | XA543 | 16 | | | | | | | | | | TWDB3BR | 02 | | | | TLD | | | 01B | | |
| CONNECTOR (XA543) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1432

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA543
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 418

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACT | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|----|--------|-----------|-----|----|-------------|------|-------|-------|----------|--------|----------|------|------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | CH | PREFIX | CONNECTOR | PIN | CH | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 08488 | | XA543 | 16 | 3 | | XA550 | 30 | 3 | 16B | 9 | | | TW094BR | 01 | | | TLD | | | | 01B | | |
| 08489 | | XA543 | 16 | | | | | | | | | | TW085BR | 02 | | | TLD | | | | 01B | | |
| 06777 | | XA543 | 17 | | | XA438 | 34 | | 16B | 9 | | | TW04DTC | 02 | TW086D | 01 | 1 | TLD | B3 | | 08B | | |
| 06774 | | XA543 | 18 | | | XA540 | 43 | | 16B | 9 | | | TW04DTB | 03 | TW085D | 01 | 1 | TLD | B2 | | 10A | | |
| 06376 | | XA543 | 19 | | | XA543 | 25 | | 16B | 9 | | | TWDDF0 | 02 | TW086D | 01 | 2 | TLD | B3 | | 09B | | |
| 06375 | | XA543 | 20 | | | XA543 | 19 | | 16B | 9 | | | TWDDF0 | 01 | TW085D | 01 | 2 | TLD | B2 | | 11A | | |
| 06357 | | XA543 | 21 | | | XA443 | 69 | | 16B | 9 | | P | TW086D | 02 | TW086B4 | 01 | 1 | TLD | B3 | | 10B | | |
| 06359 | | XA543 | 21 | | | | | | | | | J | TW086D | 01 | TW086D | 00 | 1 | TLD | B3 | | 10B | WRITE DATA 6 DRIVE | |
| 06350 | | XA543 | 22 | | | XA550 | 29 | | 16B | 9 | | P | TW084D | 03 | TW084B4 | 01 | 1 | TLD | B1 | | 12A | WRITE DATA 4 DRIVE | |
| 06351 | | XA543 | 22 | | | | | | | | | J | TW084D | 01 | TW084D | 00 | 1 | TLD | B1 | | 12A | TW084B4 BUSS | |
| 06782 | | XA543 | 23 | | | XA540 | 54 | | 16B | 9 | | | TW04DTD | 03 | TW087D | 01 | 1 | TLD | B4 | | 11B | | |
| 06768 | | XA543 | 24 | | | XA540 | 34 | | 16B | 9 | | | TW04DTA | 01 | TW084D | 01 | 1 | TLD | B1 | | 13A | | |
| 06377 | | XA543 | 25 | | | XA543 | 26 | | 16B | 9 | | | TWDDF0 | 03 | TW087D | 01 | 2 | TLD | B4 | | 12B | | |
| 06378 | | XA543 | 26 | | | XA543 | 42 | | 16B | 9 | | | TWDDF0 | 04 | TW084D | 01 | 2 | TLD | B1 | | 14A | | |
| 06360 | | XA543 | 27 | | | XA544 | 24 | | 16B | 9 | | P | TW087D | 01 | TW087B4 | 01 | 1 | TLD | B4 | | 13B | WRITE DATA 7 DRIVE | |
| 06363 | | XA543 | 27 | | | | | | | | | J | TW087D | 01 | TW087D | 00 | 1 | TLD | B4 | | 13B | TW087B4 BUSS | |
| 00240 | | XA543 | 28 | | | | | | | | | | +5V | 01 | | | | | | | | | |
| 06414 | | XA543 | 29 | | | XA520 | 66 | | 16B | 9 | | | TWEN30 | 01 | TW08BED4 | 00 | 1 | TLD | C3 | | 14B | | |
| 06314 | | XA543 | 30 | | | | | | | | | | TW08CD4 | 02 | TW08CD4 | 00 | 1 | TLD | C2 | | 15A | WRITE STROBE DRIVE | |
| 01965 | | XA543 | 31 | | | XA543 | 37 | | 16B | 9 | | | SPIO29 | 06 | TW08BED4 | 01 | 2 | TLD | C3 | | 15B | | |
| 01114 | | XA543 | 32 | | | | | | | | | | GND | 01 | | | | | | | 21B | | |
| 08481 | | XA543 | 32 | | | | | | | | | | TW08BCDR | 02 | | | | | | | 21B | | |
| 08483 | | XA543 | 32 | | | | | | | | | | TW08PBR | 02 | | | | | | | 21B | | |
| 08491 | | XA543 | 32 | | | | | | | | | | TW087BR | 02 | | | | | | | 21B | | |
| 06319 | | XA543 | 33 | | | | | | | | | | TW08ED4 | 02 | TW08BED4 | 00 | 1 | TLD | C3 | | 16B | WRITE ENABLE DRIV | |
| 06317 | | XA543 | 34 | | | | | | | | | | TW08CO | 03 | TW08BCD4 | 01 | 1 | TLD | C2 | | 16A | | |
| 06489 | | XA543 | 35 | | | | | | | | | | TWLRCD4 | 02 | TWLRCD4 | 01 | 1 | TLD | C4 | | 17B | | |
| 06567 | | XA543 | 36 | | | | | | | | | | TWRI2S | 05 | TW08BCD4 | 01 | 2 | TLD | C2 | | 17A | B05 | |
| 01966 | | XA543 | 37 | | | XA545 | 36 | | 16B | 9 | | | SPIO29 | 07 | TWLRCD4 | 01 | 2 | TLD | C4 | | 18B | | |
| 06320 | | XA543 | 38 | | | XA544 | 17 | | 16B | 9 | | P | TW08PD | 01 | TW08PB4 | 01 | 1 | TLD | C1 | | 18A | WRITE DATA P DRIVE | |
| 06323 | | XA543 | 38 | | | | | | | | | J | TW08PD | 01 | TW08PD | 00 | 1 | TLD | C1 | | 18A | TW08PB4 BUSS | |
| 06486 | | XA543 | 39 | | | XA544 | 38 | | 16B | 9 | | | TWLRCD4 | 01 | TWLRCD4 | 00 | 1 | TLD | C4 | | 19B | | |
| 06800 | | XA543 | 40 | | | XA540 | 26 | | 16B | 9 | | | TW07BPR | 01 | TW08PD | 01 | 1 | TLD | C1 | | 19A | | |
| 05392 | | XA543 | 41 | | | XA505 | 09 | | 16B | 9 | | | TRUNAS | 02 | TREWCD4 | 01 | 1 | TLD | D3 | | 22B | | |
| 06379 | | XA543 | 42 | | | XA511 | 72 | | 16B | 9 | | | TWDDF0 | 05 | TW08PD | 01 | 2 | TLD | C1 | | 20A | | |
| 05401 | | XA543 | 43 | | | | | | | | | | TREWCO | 02 | TREWCD4 | 01 | 2 | TLD | D3 | | 23B | B02 | |
| 01115 | | XA543 | 44 | | | | | | | | | | GND | 01 | | | | | | | 27A | | |
| 08478 | | XA543 | 44 | | | | | | | | | | TREWCDR | 02 | | | | | | | 27A | | |
| 08479 | | XA543 | 44 | | | | | | | | | | TRUNCOR | 02 | | | | | | | 27A | | |
| 05169 | | XA543 | 45 | | | XA544 | 29 | | 16B | 9 | | | TREWCD4 | 01 | TREWCD4 | 00 | 1 | TLD | D3 | | 24B | REWIND DRIVER | |
| 05398 | | XA543 | 46 | | | XA544 | 25 | | 16B | 9 | | | TRUNCDC4 | 01 | TRUNCDC4 | 00 | 1 | TLD | D2 | | 21A | RUN DRIVER | |
| 04076 | | XA543 | 47 | | | XA518 | 71 | | 16B | 9 | | | TDIRS | 005 | TDIRCD4 | 01 | 1 | TLD | D4 | | 25B | B05 | |
| 05391 | | XA543 | 48 | | | XA543 | 41 | | 16B | 9 | | | TRUNAS | 01 | TRUNCDC4 | 01 | 1 | TLD | D2 | | 22A | | |
| 01974 | | XA543 | 49 | | | XA542 | 51 | | 16B | 9 | | | SPIO29 | 15 | TDIRCD4 | 01 | 2 | TLD | D4 | | 26B | | |
| 05397 | | XA543 | 50 | | | | | | | | | | TREWCA | 03 | TRUNCDC4 | 01 | 2 | TLD | D2 | | 23A | B08 | |
| 04068 | | XA543 | 51 | | | XA544 | 42 | | 16B | 9 | | | TDIRCD4 | 01 | TDIRCD4 | 00 | 1 | TLD | D4 | | 27B | DIRECTION DRIVER | |
| 04974 | | XA543 | 52 | | | | | | | | | | TRDBED4 | 02 | TRDBED4 | 00 | 1 | TLD | D1 | | 24A | READ ENABLE DRIVER | |
| 06183 | | XA543 | 53 | | | | | | | | | | TTS3BR | 03 | TADS3D4 | 01 | 1 | TLD | E3 | | 28B | | |
| 05091 | | XA543 | 54 | | | | | | | | | | TRENOS | 06 | TRDBED4 | 01 | 1 | TLD | D1 | | 25A | | |
| 01973 | | XA543 | 55 | | | XA543 | 49 | | 16B | 9 | | | SPIO29 | 14 | TADS3D4 | 01 | 2 | TLD | E3 | | 29B | | |
| CONNECTOR XA543 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1433

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA543
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 419

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|---------------------------------|-----|------|--------|-----------|-----|------|-------------|------|-------|---------|---------|---------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | BR/F | PREFIX | CONNECTOR | PIN | BR/F | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 01972 | | XA543 | 56 | | | | | | | 16B | 9 | | SPIO29 | 13 | TRDBED4 | 01 | 2 | TLD | D1 | | 26A | | |
| 03437 | | XA543 | 57 | | XA543 | 55 | | | | | | | TADS3D4 | 02 | TADS3D4 | 00 | 1 | TLD | E3 | | 30B | | |
| 01116 | | XA543 | 58 | | | | | | | | | GND | 01 | | | | | TLD | | | 40A | | |
| 08472 | | XA543 | 58 | | | | | | | | | TADS2DR | 02 | | | | | TLD | | | 40A | | |
| 08474 | | XA543 | 58 | | | | | | | | | TADS4DR | 02 | | | | | TLD | | | 40A | | |
| 08475 | | XA543 | 58 | | | | | | | | | TDIRCDR | 02 | | | | | TLD | | | 40A | | |
| 06211 | | XA543 | 59 | | | | | | | | | TTS48R | 03 | TADS4D4 | 01 | 1 | TLD | E4 | | | 31B | | |
| 03434 | | XA543 | 60 | | XA544 | 35 | | | 16B | 9 | | TADS2D4 | 01 | TADS2D4 | 00 | 1 | TLD | E2 | | | 28A | | |
| 01977 | | XA543 | 61 | | XA543 | 64 | | | 16B | 9 | | SPIO29 | 18 | TADS4D4 | 01 | 2 | TLD | E4 | | | 32B | | |
| 06155 | | XA543 | 62 | | | | | | | | | TTS2BR | 03 | TADS2D4 | 01 | 1 | TLD | E2 | | | 29A | | |
| 03438 | | XA543 | 63 | | XA544 | 39 | | | 16B | 9 | | TADS4D4 | 01 | TADS4D4 | 00 | 1 | TLD | E4 | | | 33B | MTT 4 ADDRESS SELE | |
| 01978 | | XA543 | 64 | | XA543 | 70 | | | 16B | 9 | | SPIO29 | 19 | TADS2D4 | 01 | 2 | TLD | E2 | | | 30A | | |
| 01948 | | XA543 | 65 | | XA542 | 65 | | | 16B | 9 | | SPIO28 | 12 | | | | | TLD | F3 | | 34B | | |
| 03433 | | XA543 | 66 | | | | | | | | | TADS1D4 | 02 | TADS1D4 | 00 | 1 | TLD | F1 | | | 31A | MTT 1 ADDRESS SELE | |
| 01117 | | XA543 | 67 | | | | | | | | | GND | 01 | | | | | TLD | | | | | |
| 08480 | | XA543 | 67 | | | | | | | | | TSPDCDR | 02 | | | | | TLD | | | | | |
| 06131 | | XA543 | 68 | | | | | | | | | TTS1BR | 03 | TADS1D4 | 01 | 1 | TLD | E1 | | | 32A | | |
| 08151 | | XA543 | 69 | | | | | | | | | SPO | 01 | | | | | TLD | F3 | | 35A | | |
| 01979 | | XA543 | 70 | | XA543 | 74 | | | 16B | 9 | | SPIO29 | 20 | TADS1D4 | 01 | 2 | TLD | F1 | | | 33A | | |
| 01947 | | XA543 | 71 | | XA543 | 65 | | | 16B | 9 | | SPIO28 | 11 | | | | | TLD | F2 | | 36A | | |
| 08150 | | XA543 | 72 | | | | | | | | | SPO | 01 | | | | | TLD | F2 | | 34A | | |
| 01984 | | XA543 | 73 | | XA545 | 72 | | | 16B | 9 | | SPIO29 | 25 | | | | | TLD | F2 | | 36B | | |
| 01980 | | XA543 | 74 | | XA543 | 78 | | | 16B | 9 | | SPT029 | 21 | | | | | TLD | F3 | | 35B | | |
| 05872 | | XA543 | 75 | | XA544 | 52 | | | 16B | 9 | | TSPDCD4 | 01 | TSPDCD4 | 00 | 1 | TLD | F1 | | | 37B | SPEED DRIVER | |
| 01946 | | XA543 | 76 | | XA543 | 71 | | | 16B | 9 | | SPIO28 | 10 | KIFOND4 | 01 | 1 | TLD | F4 | | | 37A | | |
| 05878 | | XA543 | 77 | | XA516 | 76 | | | 16B | 9 | | TSPNIS | 00 | TSPDCD4 | 01 | 1 | TLD | F1 | | | 38B | A03 | |
| 01981 | | XA543 | 78 | | XA543 | 79 | | | 16B | 9 | | SPIO29 | 22 | KIFOND4 | 01 | 2 | TLD | F4 | | | 38A | | |
| 01982 | | XA543 | 79 | | XA542 | 80 | | | 16B | 9 | | SPIO29 | 23 | TSPDCD4 | 01 | 2 | TLD | F1 | | | 39B | | |
| 48123 | | XA543 | 80 | | XA544 | 71 | | | 16B | 9 | | KIFOND4 | 02 | KIFOND4 | 00 | 1 | TLD | F4 | | | 39A | A03 | |
| 00524 | | XA544 | 01 | | | | | | | | | DNW | 01 | | | | | RR4 | | | | | |
| 01118 | | XA544 | 02 | | | | | | | | | GND | 01 | | | | | RR4 | | | | | |
| 08484 | | XA544 | 02 | | | | | | | | | TWDB0BR | 02 | | | | | RR4 | | | | | |
| 08485 | | XA544 | 02 | | | | | | | | | TWDB1BR | 02 | | | | | RR4 | | | | | |
| 08486 | | XA544 | 02 | | | | | | | | | TWDB2BR | 02 | | | | | RR4 | | | | | |
| 00032 | | XA544 | 03 | | XA544 | 04 | | | 16B | 9 | | +05RES | 49 | | | | | RR4 | AP | | | | |
| 00031 | | XA544 | 04 | | XA544 | 14 | | | 16B | 9 | | +05RES | 50 | | | | | RR4 | AP | | | | |
| 06340 | | XA544 | 05 | | XA543 | 09 | | | 16B | 9 | | TWDB2B4 | 01 | | | | | RR4 | A3 | | | | |
| 01175 | | XA544 | 06 | | XA544 | 18 | | | 16B | 9 | | G54502 | 25 | | | | | RR4 | AC | | | A03 | |
| 06345 | | XA544 | 07 | | XA443 | 63 | | | 16B | 9 | | TWDB3B4 | 02 | | | | | RR4 | A4 | | | | |
| 06332 | | XA544 | 08 | | XA543 | 06 | | | 16B | 9 | | TWDB0B4 | 01 | | | | | RR4 | A1 | | | | |
| 06349 | | XA544 | 09 | | XA543 | 22 | | | 16B | 9 | | TWDB4B4 | 02 | | | | | RR4 | A5 | | | | |
| 06336 | | XA544 | 10 | | XA543 | 01 | | | 16B | 9 | | TWDB1B4 | 01 | | | | | RR4 | A2 | | | | |
| 00525 | | XA544 | 11 | | | | | | | | | DNW | 01 | | | | | RR4 | | | | | |
| 00241 | | XA544 | 12 | | | | | | | | | +5V | 01 | | | | | RR4 | | | | | |
| 00029 | | XA544 | 13 | | XA544 | 21 | | | 16B | 9 | | +05RES | 52 | | | | | RR4 | BP | | | | |
| 00030 | | XA544 | 14 | | XA544 | 13 | | | 16B | 9 | | +05RES | 51 | | | | | RR4 | BP | | | | |
| 01188 | | XA544 | 15 | | | | | | | | | DNW | 01 | | | | | RR4 | | | | KEYWAY | |
| 01189 | | XA544 | 16 | | | | | | | | | DNW | 01 | | | | | RR4 | | | | KEYWAY | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| CONNECTOR | XA544 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

H78-14 1434

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA544
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 420

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SFC INST. RISE | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|-----------|-----------|---------------------------------|-------|--------|-----------|-----|-------|-------------|------|-------|-------|----------------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DR FC | PREFIX | CONNECTOR | PIN | DR FC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | | |
| 06321 | | XA544 | 17 | | | XA443 | 51 | | | 16B | 9 | | TWDBPB4 | 02 | | | | RR4 | B4 | | | | | |
| 01174 | | XA544 | 18 | | | XA544 | 30 | | | 16B | 9 | | G54502 | 26 | | | | RR4 | BC | | | | A03 | |
| 06313 | | XA544 | 19 | | | XA543 | 30 | | | 16B | 9 | | TWDBCD4 | 01 | | | | RR4 | B5 | | | | | |
| 06352 | | XA544 | 20 | | | XA543 | 14 | | | 16B | 9 | | TWDB5B4 | 01 | | | | RR4 | B1 | | | | | |
| 00028 | | XA544 | 21 | | | XA544 | 22 | | | 16B | 9 | | +05RES | 53 | | | | RR4 | CP | | | | | |
| 00027 | | XA544 | 22 | | | XA544 | 34 | | | 16B | 9 | | +05RES | 54 | | | | RR4 | CP | | | | | |
| 04973 | | XA544 | 23 | | | XA543 | 52 | | | 16B | 9 | | TRDBED4 | 01 | | | | RR4 | C3 | | | | | |
| 06361 | | XA544 | 24 | | | XA443 | 80 | | | 16B | 9 | | TWDB7B4 | 02 | | | | RR4 | B3 | | | | | |
| 05399 | | XA544 | 25 | | | | | | | | | | TRUNC04 | 02 | | | | RR4 | C4 | | | | | |
| 06356 | | XA544 | 26 | | | XA543 | 21 | | | 16B | 9 | | TWDB6B4 | 01 | | | | RR4 | B2 | | | | | |
| 00526 | | XA544 | 27 | | | | | | | | | | DNW | 01 | | | | RR4 | | | | | | |
| 00242 | | XA544 | 28 | | | | | | | | | | +5V | 01 | | | | RR4 | | | | | | |
| 05170 | | XA544 | 29 | | | | | | | | | | TREWCD4 | 02 | | | | RR4 | C5 | | | | | |
| 01173 | | XA544 | 30 | | | XA544 | 40 | | | 16B | 9 | | G54502 | 27 | | | | RR4 | CC | | | | A03 | |
| 00527 | | XA544 | 31 | | | | | | | | | | DNW | 01 | | | | RR4 | | | | | | |
| 01119 | | XA544 | 32 | | | | | | | | | | GND | 01 | | | | RR4 | | | | | | |
| 08473 | | XA544 | 32 | | | | | | | | | | TADS3DR | 02 | | | | RR4 | | | | | | |
| 08477 | | XA544 | 32 | | | | | | | | | | TRDBEDR | 02 | | | | RR4 | | | | | | |
| 08490 | | XA544 | 32 | | | | | | | | | | TWDB6BR | 02 | | | | RR4 | | | | | | |
| 00025 | | XA544 | 33 | | | XA544 | 49 | | | 16B | 9 | | +05RES | 56 | | | | RR4 | DP | | | | | |
| 00026 | | XA544 | 34 | | | XA544 | 33 | | | 16B | 9 | | +05RES | 55 | | | | RR4 | DP | | | | | |
| 03435 | | XA544 | 35 | | | | | | | | | | TADS2D4 | 02 | | | | RR4 | D3 | | | | | |
| 06318 | | XA544 | 36 | | | XA543 | 33 | | | 16B | 9 | | TWDBED4 | 01 | | | | RR4 | C1 | | | | | |
| 03436 | | XA544 | 37 | | | XA543 | 57 | | | 16B | 9 | | TADS3D4 | 01 | | | | RR4 | D4 | | | | | |
| 06487 | | XA544 | 38 | | | | | | | | | | TWLRCD4 | 02 | | | | RR4 | C2 | | | | | |
| 03439 | | XA544 | 39 | | | | | | | | | | TADS4D4 | 02 | | | | RR4 | D5 | | | | | |
| 01172 | | XA544 | 40 | | | XA545 | 32 | | | 16B | 9 | | G54502 | 28 | | | | RR4 | DC | | | | A03 | |
| 01936 | | XA544 | 41 | | | | | | | | | | SPI0143 | 08 | | | | RR4 | E5 | | | | | |
| 04069 | | XA544 | 42 | | | | | | | | | | TDIRC04 | 02 | | | | RR4 | D1 | | | | | |
| 00528 | | XA544 | 43 | | | | | | | | | | DNW | 01 | | | | RR4 | | | | | | |
| 01120 | | XA544 | 44 | | | | | | | | | | GND | 01 | | | | RR4 | | | | | | |
| 08471 | | XA544 | 44 | | | | | | | | | | TADS1DR | 02 | | | | RR4 | | | | | | |
| 08482 | | XA544 | 44 | | | | | | | | | | TWDBEDR | 02 | | | | RR4 | | | | | | |
| 08492 | | XA544 | 44 | | | | | | | | | | TWLRCDR | 02 | | | | RR4 | | | | | | |
| 01892 | | XA544 | 45 | | | XA541 | 52 | | | 16B | 9 | | SPI026 | 01 | | | | RR4 | F4 | | | | | |
| 03432 | | XA544 | 46 | | | XA543 | 66 | | | 16B | 9 | | TADS1D4 | 01 | | | | RR4 | D2 | | | | | |
| 01891 | | XA544 | 47 | | | | | | | | | | SPI025 | 25 | | | | RR4 | E3 | | | | | |
| 01866 | | XA544 | 48 | | | | | | | | | | SPI024 | 37 | | | | RR4 | E2 | | | | | |
| 00024 | | XA544 | 49 | | | XA544 | 50 | | | 16B | 9 | | +05RES | 57 | | | | RR4 | EP | | | | | |
| 00023 | | XA544 | 50 | | | XA544 | 60 | | | 16B | 9 | | +05RES | 58 | | | | RR4 | EP | | | | | |
| 03364 | | XA544 | 51 | | | | | | | | | | SPI0163 | 06 | | | | RR4 | F5 | | | | | |
| 05873 | | XA544 | 52 | | | | | | | | | | TSPDCD4 | 02 | | | | RR4 | F1 | | | | | |
| 03365 | | XA544 | 53 | | | | | | | | | | SPI0253 | 20 | | | | RR4 | F4 | | | | | |
| 01171 | | XA544 | 54 | | | XA544 | 64 | | | 16B | 9 | | G54544 | 29 | | | | RR4 | EC | | | | A03 | |
| 01993 | | XA544 | 55 | | | XA545 | 73 | | | 16B | 9 | | SPI030 | 07 | | | | RR4 | F3 | | | | | |
| 01971 | | XA544 | 56 | | | XA543 | 56 | | | 16B | 9 | | SPI029 | 12 | | | | RR4 | F2 | | | | | |
| 01190 | | XA544 | 57 | | | | | | | | | | DNW | 01 | | | | RR4 | | | | | | |
| 01191 | | XA544 | 58 | | | | | | | | | | DNW | 01 | | | | RR4 | | | | | | |
| 00021 | | XA544 | 59 | | | XA544 | 69 | | | 16B | 9 | | +05RES | 60 | | | | RR4 | FP | | | | A06 | |
| 00022 | | XA544 | 60 | | | XA544 | 59 | | | 16B | 9 | | +05RES | 59 | | | | RR4 | FP | | | | A06 | |
| | CONNECTOR | XA544 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

H78-14 1435

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA544
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 421

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------------|------|-------|-------|----------|--------|------------|-------------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | |
| 03366 | | XA544 | 61 | | | | | | | | SPI0183 | 41 | | | RR4 | G5 | | | | |
| 01943 | | XA544 | 62 | | XA546 | 71 | | | | | SPI028 | 07 | | | RR4 | F1 | | | | |
| 03367 | | XA544 | 63 | | | | | | | | SPI0193 | 38 | | | RR4 | G4 | | | | |
| 01170 | | XA544 | 64 | | XA544 | 74 | | | | | G54544 | 30 | | | RR4 | FC | | | | A03 |
| 03368 | | XA544 | 65 | | | | | | | | SPI0203 | 35 | | | RR4 | G3 | | | | |
| 03369 | | XA544 | 66 | | | | | | | | SPI0213 | 12 | | | RR4 | G2 | | | | |
| 01121 | | XA544 | 67 | | | | | | | | GND | 01 | | | RR4 | | | | | |
| 65037 | | XA544 | 67 | | | | | | | | G54467 | 03 | | | RR4 | | | | | A03 |
| 65041 | | XA544 | 67 | | | | | | | | G54544 | 33 | | | RR4 | | | | | A03 |
| 00529 | | XA544 | 68 | | | | | | | | DNW | 01 | | | RR4 | | | | | |
| 00020 | | XA544 | 69 | | XA544 | 70 | | | | | +05RES | 61 | | | RR4 | GP | | | | |
| 00019 | | XA544 | 70 | | XA547 | 79 | | | | | +05RES | 62 | | | RR4 | GP | | | | A03 |
| 03370 | | XA544 | 71 | | | | | | | | KIFOND4 | 03 | | | RR4 | H5 | | | | A03 |
| 03371 | | XA544 | 72 | | | | | | | | SPI0223 | 34 | | | RR4 | G1 | | | | |
| 03372 | | XA544 | 73 | | | | | | | | DNW | 00 | | | RR4 | H4 | | | | A03 |
| 01169 | | XA544 | 74 | | XA544 | 77 | | | | | G54544 | 31 | | | RR4 | GC | | | | A03 |
| 03373 | | XA544 | 75 | | | | | | | | DNW | 08 | | | RR4 | H3 | | | | A03 |
| 03374 | | XA544 | 76 | | | | | | | | DNW | 16 | | | RR4 | H2 | | | | A03 |
| 01168 | | XA544 | 77 | 3 | XA544 | 67 | 3 | | | | G54544 | 32 | | | RR4 | HC | | | | A03 |
| 03375 | | XA544 | 78 | | | | | | | | DNW | 01 | | | RR4 | H1 | | | | A03 |
| 00017 | | XA544 | 79 | | XA544 | 67 | | | | | G54467 | 02 | | | RR4 | HP | | | | A03 |
| 00018 | | XA544 | 80 | | XA544 | 79 | | | | | G54467 | 01 | | | RR4 | HP | | | | A03 |
| 03561 | | XA545 | 01 | | | | | | | | UBOT4DX4 | 02 | UBOT4DX400 | 1 | DCF | A7 | | 02A | BOT 4 RECEIVER | B05 |
| 08277 | | XA545 | 02 | | | | | | | | TBOT4DR | 01 | | | DCF | | | 01A | | |
| 08567 | | XA545 | 02 | | | | | | | | GND | | | | DCF | | | 01A | | |
| 65038 | | XA545 | 02 | | XA544 | 06 | | | | | G54502 | 24 | | | DCF | | | 01A | | A03 |
| 03564 | | XA545 | 03 | | | | | | | | UBOT40X | 03 | UBOT40X 00 | 1 | DCF | A8 | | 03A | | B05 |
| 01595 | | XA545 | 04 | | XA546 | 04 | | | | | SPI015 | 09 | UBOT40X 01 | 1 | DCF | A8 | | 04A | | B05 |
| 08274 | | XA545 | 05 | | | | | | | | TBOT1DR | 02 | | | DCF | | | | | |
| 01961 | | XA545 | 06 | | XA542 | 15 | | | | | SPI029 | 02 | TBOT1DX401 | 1 | DCF | A1 | | 05A | | |
| 08114 | | XA545 | 06 | | | | | | | | SPI029 | 01 | UBOT4DX401 | 1 | DCF | A7 | | 05A | | B05 |
| 08115 | | XA545 | 06 | | | | | | | | SPI029 | 01 | TADSCDX401 | 1 | DCF | A3 | | 05A | | B05 |
| 08116 | | XA545 | 06 | | | | | | | | SPI029 | 01 | UBOT3DX401 | 1 | DCF | A5 | | 05A | | B05 |
| 03527 | | XA545 | 07 | | | | | | | | TBOT1DX4 | 02 | TBOT1DX400 | 1 | DCF | A1 | | 02B | BOT 1 RECEIVER | |
| 01574 | | XA545 | 08 | | XA545 | 38 | | | | | SPI013 | 05 | UBOT30X 01 | 1 | DCF | A6 | | 06A | | B05 |
| 03537 | | XA545 | 09 | | XA523 | 41 | | | | | TBOT10X | 00C | TBOT10X 00 | 1 | DCF | A2 | | 03B | | B05 |
| 03557 | | XA545 | 10 | | | | | | | | UBOT30X | 03 | UBOT30X 00 | 1 | DCF | A6 | | 07A | | B05 |
| 01938 | | XA545 | 11 | | XA545 | 31 | | | | | SPI028 | 02 | TBOT10X 01 | 1 | DCF | A2 | | 04B | | |
| 00243 | | XA545 | 12 | | | | | | | | +5V | 01 | | | DCF | | | 08A | | |
| 01988 | | XA545 | 13 | | XA545 | 33 | | | | | SPI030 | 02 | TADSC0X 01 | 1 | DCF | A4 | | 05B | | B05 |
| 03554 | | XA545 | 14 | | | | | | | | UBOT3DX4 | 02 | UBOT3DX400 | 1 | DCF | A5 | | 08B | BOT 3 RECEIVER | B05 |
| 03550 | | XA545 | 15 | | | | | | | | TADSC0X | 03 | TADSC0X 00 | 1 | DCF | A4 | | 06B | | B05 |
| 08276 | | XA545 | 16 | | | | | | | | TBOT3DR | 01 | | | DCF | | | | | |
| 08568 | | XA545 | 16 | | | | | | | | GND | | | | DCF | | | | | |
| 03541 | | XA545 | 17 | | | | | | | | TADSCDX4 | 02 | TADSCDX400 | 1 | DCF | A3 | | 07B | BOT 2 RECEIVER | B05 |
| 00530 | | XA545 | 18 | | | | | | | | DNW | 01 | | | DCF | | | | | |
| 08275 | | XA545 | 19 | | | | | | | | TADSCDR | 01 | | | DCF | | | | | B05 |
| 00531 | | XA545 | 20 | | | | | | | | DNW | 01 | | | DCF | | | | | |
| CONNECTOR (XA545) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA545
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE PAGE 422

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|----|--------|-----------|-----|----|-------------|------|-------|-------|----------|--------|------------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DR | PREFIX | CONNECTOR | PIN | DR | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 08281 | | XA545 | 21 | | | | | | | | | | SPP | 01 | | | DCF | | | | | | C02 |
| 00532 | | XA545 | 22 | | | | | | | | | | DNW | 01 | | | DCF | | | | | | |
| 04378 | | XA545 | 23 | | | | | | | | | | UEOT4DX4 | 02 | UEOT4DX400 | 1 | DCF | B7 | | 10A | EOT 4 RECEIVER | C02 | |
| 00533 | | XA545 | 24 | | | | | | | | | | DNW | 01 | | | DCF | | | | | | |
| 08278 | | XA545 | 25 | | | | | | | | | | TEOT1DR | 01 | | | DCF | | | | | | |
| 00534 | | XA545 | 26 | | | | | | | | | | DNW | 01 | | | DCF | | | | | | |
| 04344 | | XA545 | 27 | | | | | | | | | | TEOT1DX4 | 02 | TEOT1DX400 | 1 | DCF | B1 | | 10B | EOT 1 RECEIVER | | |
| 00244 | | XA545 | 28 | | | | | | | | | | +5V | 01 | | | DCF | | | 21B | | | |
| 04354 | | XA545 | 29 | | | | | | | | | | TEOT10X | 07 | TEOT10X | 00 | DCF | B2 | | 11B | | B05 | |
| 04381 | | XA545 | 30 | | | | | | | | | | UEOT40X | 03 | UEOT40X | 00 | DCF | B8 | | 11A | | B05 | |
| 01939 | | XA545 | 31 | | XA546 | 31 | | | 16B | 9 | | | SPI028 | 03 | TEOT10X | 01 | DCF | B2 | | 12B | | | |
| 01122 | | XA545 | 32 | | | | | | | | | | GND | 01 | | | DCF | | | | | | |
| 85039 | | XA545 | 32 | | | | | | | | | | G54502 | 29 | | | DCF | | | | | | A03 |
| 01989 | | XA545 | 33 | | XA546 | 33 | | | 16B | 9 | | | SPI030 | 03 | TADSDOX | 01 | DCF | B4 | | 13B | | B05 | |
| 01594 | | XA545 | 34 | | XA545 | 04 | | | 16B | 9 | | | SPI015 | 08 | UEOT40X | 01 | DCF | B8 | | 12A | | B05 | |
| 04367 | | XA545 | 35 | | | | | | | | | | TADSDOX | 03 | TADSDOX | 00 | DCF | B4 | | 14B | | B05 | |
| 01967 | | XA545 | 36 | | XA546 | 36 | | | 16B | 9 | | | SPI029 | 08 | TEOT1DX401 | 1 | DCF | B1 | | 13A | | | |
| 08117 | | XA545 | 36 | | | | | | | | | | SPI029 | 01 | TADSDOX401 | 1 | DCF | B3 | | 13A | | | |
| 08118 | | XA545 | 36 | | | | | | | | | | SPI029 | 01 | UEOT3DX401 | 1 | DCF | B5 | | 13A | | B05 | |
| 08119 | | XA545 | 36 | | | | | | | | | | SPI029 | 01 | UEOT4DX401 | 1 | DCF | B7 | | 13A | | B05 | |
| 04358 | | XA545 | 37 | | | | | | | | | | TADSDDX4 | 02 | TADSDDX400 | 1 | DCF | B3 | | 15B | EOT 2 RECEIVER | B05 | |
| 01575 | | XA545 | 38 | | XA546 | 38 | | | 16B | 9 | | | SPI013 | 06 | UEOT3OX | 01 | DCF | B6 | | 14A | | B05 | |
| 08279 | | XA545 | 39 | | | | | | | | | | TADSDDR | 01 | | | DCF | | | | | | B05 |
| 04374 | | XA545 | 40 | | | | | | | | | | UEOT3OX | 03 | UEOT3OX | 00 | DCF | B6 | | 15A | | B05 | |
| 04371 | | XA545 | 41 | | | | | | | | | | UEOT3DX4 | 02 | UEOT3DX400 | 1 | DCF | B5 | | 16A | EOT 3 RECEIVER | C02 | |
| 08280 | | XA545 | 42 | | | | | | | | | | SPP | 01 | | | DCF | | | 20B | | C02 | |
| 04406 | | XA545 | 43 | | | | | | | | | | UFPR4DX4 | 02 | UFPR4DX400 | 1 | DCF | C7 | | 29A | FILE PROTECT 4 REC | B05 | |
| 08335 | | XA545 | 44 | | | | | | | | | | TFPR4DR | 01 | | | DCF | | | | | | |
| 08569 | | XA545 | 44 | | | | | | | | | | GND | | | | DCF | | | | | | |
| 65040 | | XA545 | 44 | | XA544 | 54 | | | 16B | 9 | | | G54544 | 28 | | | DCF | | | | | | A03 |
| 08271 | | XA545 | 45 | | | | | | | | | | TFPR1DR | 01 | | | DCF | | | 27A | | | |
| 04391 | | XA545 | 46 | | | | | | | | | | TFPR1DX4 | 02 | TFPR1DX400 | 1 | DCF | C1 | | 25B | FILE PROTECT 1 REC | | |
| 04394 | | XA545 | 47 | | XA524 | 35 | | | 16B | 9 | | | TFPR1OX | 03 | TFPR1OX | 00 | DCF | C2 | | 26B | | B05 | |
| 04409 | | XA545 | 48 | | | | | | | | | | UFPR4OX | 03 | UFPR4OX | 00 | DCF | C8 | | 26A | | B05 | |
| 01942 | | XA545 | 49 | | XA544 | 62 | | | 16B | 9 | | | SPI028 | 06 | TFPR1OX | 01 | DCF | C2 | | 27B | | | |
| 01591 | | XA545 | 50 | | XA546 | 50 | | | 16B | 9 | | | SPI015 | 05 | UFPR4OX | 01 | DCF | C8 | | 28A | | B05 | |
| 01992 | | XA545 | 51 | | XA544 | 55 | | | 16B | 9 | | | SPI030 | 06 | TADSAOX | 01 | DCF | C4 | | 28B | | B05 | |
| 01970 | | XA545 | 52 | | XA544 | 56 | | | 16B | 9 | | | SPI029 | 11 | TFPR1DX401 | 1 | DCF | C1 | | 29A | | | |
| 08120 | | XA545 | 52 | | | | | | | | | | SPI029 | 01 | UFPR4DX401 | 1 | DCF | C7 | | 29A | | B05 | |
| 08121 | | XA545 | 52 | | | | | | | | | | SPI029 | 01 | TADSADX401 | 1 | DCF | C3 | | 29A | | B05 | |
| 08122 | | XA545 | 52 | | | | | | | | | | SPI029 | 01 | UFPR3DX401 | 1 | DCF | C5 | | 29A | | B05 | |
| 08270 | | XA545 | 53 | | | | | | | | | | TADSAOR | 01 | | | DCF | | | | | | B05 |
| 01578 | | XA545 | 54 | | XA545 | 74 | | | 16B | 9 | | | SPI013 | 09 | UFPR3OX | 01 | DCF | C6 | | 30A | | B05 | |
| 04396 | | XA545 | 55 | | | | | | | | | | TADSADX4 | 02 | TADSADX400 | 1 | DCF | C3 | | 30B | FILE PROTECT 2 REC | B05 | |
| 04399 | | XA545 | 56 | | | | | | | | | | TADSAOX | 03 | TADSAOX | 00 | DCF | C4 | | 29B | | B05 | |
| 04404 | | XA545 | 57 | | | | | | | | | | UFPR3OX | 03 | UFPR3OX | 00 | DCF | C6 | | 31A | | B05 | |
| 08272 | | XA545 | 58 | | | | | | | | | | TFPR3DR | 01 | | | DCF | | | | | | |
| 08570 | | XA545 | 58 | | | | | | | | | | GND | | | | DCF | | | | | | |
| 08286 | | XA545 | 59 | | | | | | | | | | TREW4DR | 01 | | | DCF | | | | | | |
| 04401 | | XA545 | 60 | | | | | | | | | | UFPR3DX4 | 02 | UFPR3DX400 | 1 | DCF | C5 | | 31B | FILE PROTECT 3 REC | B05 | |
| CONNECTOR (XA545) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA545
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 423

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS (AND OR) | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-------|--------|-----------|-----|-------|-------------|------|-------|----------|----------|------------|------------|------|--------|------------------|-------|---------------------|----------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SN/PS | PREFIX | CONNECTOR | PIN | SN/PS | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 05220 | | XA545 | 61 | | | | | | | | | | UREW4DX4 | 02 | UREW4DX400 | 1 | DCF | D7 | | 33A | REWINDING 4 RECEIV | B05 | |
| 00535 | | XA545 | 62 | | | | | | | | | DNW | 01 | | | | DCF | | | | | | |
| 00536 | | XA545 | 63 | | | | | | | | | DNW | 01 | | | | DCF | | | | | | |
| 00537 | | XA545 | 64 | | | | | | | | | DNW | 01 | | | | DCF | | | | | | |
| 05183 | | XA545 | 65 | | | | | | | | | TREW1DX4 | 02 | TREW1DX400 | 1 | DCF | D1 | | 32B | REWINDING 1 RECEIV | | | |
| 00538 | | XA545 | 66 | | | | | | | | | DNW | 01 | | | | DCF | | | | | | |
| 08283 | | XA545 | 67 | | | | | | | | | TREW1DR | 01 | | | | DCF | | | | | | |
| 08571 | | XA545 | 67 | | | | | | | | | GND | | | | | DCF | | | | | | |
| 05227 | | XA545 | 68 | | | | | | | | | UREW40X | 03 | UREW40X00 | 1 | DCF | D8 | | 34A | | | B05 | |
| 05190 | | XA545 | 69 | | | | | | | | | TREW10X | 03 | TREW10X00 | 1 | DCF | D2 | | 33B | | | | |
| 01590 | | XA545 | 70 | | XA545 | 50 | | | 16B | 9 | | SPIO15 | 04 | UREW40X01 | 1 | DCF | D8 | | 35A | | | B05 | |
| 01945 | | XA545 | 71 | | XA543 | 76 | | | 16B | 9 | | SPIO28 | 09 | TREW10X01 | 1 | DCF | D2 | | 34B | | | | |
| 01985 | | XA545 | 72 | | XA546 | 72 | | | 16B | 9 | | SPIO29 | 26 | TREW1DX401 | 1 | DCF | D1 | | 36A | | | | |
| 08123 | | XA545 | 72 | | | | | | | | M | SPIO29 | 01 | UREW4DX401 | 1 | DCF | D7 | | 36A | | | B05 | |
| 08124 | | XA545 | 72 | | | | | | | | M | SPIO29 | 01 | TADSBDX401 | 1 | DCF | D3 | | 36A | | | B05 | |
| 08125 | | XA545 | 72 | | | | | | | | M | SPIO29 | 01 | UREW3DX401 | 1 | DCF | D5 | | 36A | | | B05 | |
| 01994 | | XA545 | 73 | | XA546 | 73 | | | 16B | 9 | | SPIO30 | 08 | TADSBOX01 | 1 | DCF | D4 | | 35B | | | B05 | |
| 01579 | | XA545 | 74 | | XA546 | 74 | | | 16B | 9 | | SPIO13 | 10 | UREW30X01 | 1 | DCF | D6 | | 37A | | | B05 | |
| 05203 | | XA545 | 75 | | XA522 | 05 | | | 16B | 9 | | TADSBOX | 01 | TADSBOX00 | 1 | DCF | D4 | | 36B | | | B05 | |
| 05218 | | XA545 | 76 | | | | | | | | | UREW30X | 03 | UREW30X00 | 1 | DCF | D6 | | 38A | | | B05 | |
| 08284 | | XA545 | 77 | | | | | | | | | TADSBDR | 01 | | | | DCF | | | | | B05 | |
| 05192 | | XA545 | 78 | | | | | | | | | TADSBDX4 | 02 | TADSBDX400 | 1 | DCF | D3 | | 37B | REWINDING 2 RECEIV | B05 | | |
| 08285 | | XA545 | 79 | | | | | | | | | TREW3DR | 01 | | | | DCF | | 40B | | | | |
| 05209 | | XA545 | 80 | | | | | | | | | UREW3DX4 | 02 | UREW3DX400 | 1 | DCF | D5 | | 38B | REWINDING 3 RECEIV | B05 | | |
| 04994 | | XA546 | 01 | | | | | | | | | TRDB3DX4 | 02 | TRDB3DX400 | 1 | DCF | A7 | | 02A | TAPE DATA 3 RECEIV | | | |
| 08157 | | XA546 | 02 | | | | | | | | | TRDB3DR | 01 | | | | DCF | | 01A | | | | |
| 08572 | | XA546 | 02 | | | | | | | | | GND | | | | | DCF | | 01A | | | | |
| 04996 | | XA546 | 03 | | | | | | | | | TRDB30X | 02 | TRDB30X00 | 1 | DCF | A8 | | 03A | | | | |
| 01596 | | XA546 | 04 | | XA446 | 70 | | | 16B | 9 | | SPIO15 | 10 | TRDB30X01 | 1 | DCF | A8 | | 04A | | | | |
| 08154 | | XA546 | 05 | | | | | | | | | TRDB0DR | 01 | | | | DCF | | | | | | |
| 01960 | | XA546 | 06 | | XA545 | 06 | | | 16B | 9 | | SPIO29 | 01 | TRDB0DX401 | 1 | DCF | A1 | | 05A | | | | |
| 08126 | | XA546 | 06 | | | | | | | | M | SPIO29 | 01 | TRDB2DX401 | 1 | DCF | A5 | | 05A | | | | |
| 08127 | | XA546 | 06 | | | | | | | | M | SPIO29 | 01 | TRDB1DX401 | 1 | DCF | A3 | | 05A | | | | |
| 08128 | | XA546 | 06 | | | | | | | | M | SPIO29 | 01 | TRDB3DX401 | 1 | DCF | A7 | | 05A | | | | |
| 04982 | | XA546 | 07 | | | | | | | | | TRDB0DX4 | 02 | TRDB0DX400 | 1 | DCF | A1 | | 02B | TAPE DATA 0 RECEIV | | | |
| 01573 | | XA546 | 08 | | XA545 | 08 | | | 16B | 9 | | SPIO13 | 04 | TRDB20X01 | 1 | DCF | A6 | | 06A | | | | |
| 04984 | | XA546 | 09 | | | | | | | | | TRDB00X | 02 | TRDB00X00 | 1 | DCF | A2 | | 03B | | | | |
| 04992 | | XA546 | 10 | | | | | | | | | TRDB20X | 02 | TRDB20X00 | 1 | DCF | A6 | | 07A | | | | |
| 01937 | | XA546 | 11 | | XA545 | 11 | | | 16B | 9 | | SPIO28 | 01 | TRDB00X01 | 1 | DCF | A2 | | 04B | | | | |
| 00245 | | XA546 | 12 | | | | | | | | | +5V | 01 | | | | DCF | | 08A | | | | |
| 01987 | | XA546 | 13 | | XA545 | 13 | | | 16B | 9 | | SPIO30 | 01 | TRDB10X01 | 1 | DCF | A4 | | 05B | | | | |
| 04990 | | XA546 | 14 | | | | | | | | | TRDB2DX4 | 02 | TRDB2DX400 | 1 | DCF | A5 | | 08B | TAPE DATA 2 RECEIV | | | |
| 04988 | | XA546 | 15 | | | | | | | | | TRDB10X | 02 | TRDB10X00 | 1 | DCF | A4 | | 06B | | | | |
| 08156 | | XA546 | 16 | | | | | | | | | TRDB2DR | 01 | | | | DCF | | | | | | |
| 08573 | | XA546 | 16 | | | | | | | | | GND | | | | | DCF | | | | | | |
| 04986 | | XA546 | 17 | | | | | | | | | TRDB1DX4 | 02 | TRDB1DX400 | 1 | DCF | A3 | | 07B | TAPE DATA 1 RECEIV | | | |
| 00539 | | XA546 | 18 | | | | | | | | | DNW | 01 | | | | DCF | | | | | | |
| 08155 | | XA546 | 19 | | | | | | | | | TRDB1DR | 01 | | | | DCF | | | | | | |
| CONNECTOR (XA546) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA546
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 424

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | SPEC INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|----------------|----------|--------|------------|------|--------|------------------|-------|---------------------|--------------------|--------------------|-----------------------|
| | PREFIX | CONNECTOR | PIN | SH IFC | PREFIX | CONNECTOR | PIN | SH IFC | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 00540 | | XA546 | 20 | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 08248 | | XA546 | 21 | | | | | | | | | | TRDB7DR | 01 | | | | DCF | | | | | |
| 00541 | | XA546 | 22 | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 05010 | | XA546 | 23 | | | | | | | | | | TRDB7DX4 | 02 | TRDB7DX400 | 1 | | DCF | B7 | | 10A | TAPE DATA 7 RECEIV | |
| 00542 | | XA546 | 24 | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 08245 | | XA546 | 25 | | | | | | | | | | TRDB4DR | 01 | | | | DCF | | | | | |
| 00543 | | XA546 | 26 | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 04998 | | XA546 | 27 | | | | | | | | | | TRDB4DX4 | 02 | TRDB4DX400 | 1 | | DCF | B1 | | 10B | TAPE DATA 4 RECEIV | |
| 00246 | | XA546 | 28 | | | | | | | | | | +5V | 01 | | | | DCF | | | | | |
| 05000 | | XA546 | 29 | | | | | | | | | | TRDB40X | 02 | TRDB40X | 00 | 1 | DCF | B2 | | | | |
| 05012 | | XA546 | 30 | | | | | | | | | | TRDB70X | 02 | TRDB70X | 00 | 1 | DCF | B8 | | | | |
| 01940 | | XA546 | 31 | | XA546 | 49 | | | 16B | 9 | | | SPIO28 | 04 | TRDB40X | 01 | 1 | DCF | B2 | | | | |
| 01123 | | XA546 | 32 | | | | | | | | | | GND | 01 | | | | DCF | | | | | |
| 01990 | | XA546 | 33 | | XA546 | 51 | | | 16B | 9 | | | SPIO30 | 04 | TRDB50X | 01 | 1 | DCF | B4 | | | 13B | |
| 01593 | | XA546 | 34 | | XA545 | 34 | | | 16B | 9 | | | SPIO15 | 07 | TRDB70X | 01 | 1 | DCF | B8 | | | 12A | |
| 05004 | | XA546 | 35 | | | | | | | | | | TRDB50X | 02 | TRDB50X | 00 | 1 | DCF | B4 | | | 14B | |
| 01968 | | XA546 | 36 | | XA546 | 52 | | | 16B | 9 | | | SPIO29 | 09 | TRDB4DX401 | 1 | | DCF | B1 | | | 13A | |
| 08129 | | XA546 | 36 | | | | | | | | | M | SPIO29 | 01 | TRDB5DX401 | 1 | | DCF | B3 | | | 13A | |
| 08130 | | XA546 | 36 | | | | | | | | | M | SPIO29 | 01 | TRDB6DX401 | 1 | | DCF | B5 | | | 13A | |
| 08131 | | XA546 | 36 | | | | | | | | | M | SPIO29 | 01 | TRDB7DX401 | 1 | | DCF | B7 | | | 13A | |
| 05002 | | XA546 | 37 | | | | | | | | | | TRDB5DX4 | 02 | TRDB5DX400 | 1 | | DCF | B3 | | | 15B | TAPE DATA 5 RECEIV |
| 01576 | | XA546 | 38 | | XA546 | 54 | | | 16B | 9 | | | SPIO13 | 07 | TRDB60X | 01 | 1 | DCF | B6 | | | 14A | |
| 08246 | | XA546 | 39 | | | | | | | | | | TRDB5DR | 01 | | | | DCF | | | | | |
| 05008 | | XA546 | 40 | | | | | | | | | | TRDB60X | 02 | TRDB60X | 00 | 1 | DCF | B6 | | | 15A | |
| 05006 | | XA546 | 41 | | | | | | | | | | TRDB6DX4 | 02 | TRDB6DX400 | 1 | | DCF | B5 | | | 16A | TAPE DATA 6 RECEIV |
| 08247 | | XA546 | 42 | | | | | | | | | | TRDB6DR | 01 | | | | DCF | | | | 20B | |
| 06328 | | XA546 | 43 | | | | | | | | | | UWDBSDX4 | 02 | UWDBSDX400 | 1 | | DCF | C7 | | | 25A | WRITE STATUS RECEIB05 |
| 08574 | | XA546 | 44 | | | | | | | | | | GND | 01 | | | | DCF | | | | | |
| 08250 | | XA546 | 45 | | | | | | | | | | TRDBPDR | 01 | | | | DCF | | | | 27A | |
| 04976 | | XA546 | 46 | | | | | | | | | | TRDBPDX4 | 02 | TRDBPDX400 | 1 | | DCF | C1 | | | 25B | TAPE DATA P RECEIV |
| 04978 | | XA546 | 47 | | | | | | | | | | TRDBPOX | 02 | TRDBPOX | 00 | 1 | DCF | C2 | | | 26B | |
| 06331 | | XA546 | 48 | | | | | | | | | M | UWDBSOX | 03 | UWDBSOX | 00 | 1 | DCF | C8 | | | 26A | |
| 01941 | | XA546 | 49 | | XA545 | 49 | | | 16B | 9 | | | SPIO28 | 05 | TRDBPOX | 01 | 1 | DCF | C2 | | | 27B | |
| 01592 | | XA546 | 50 | | XA546 | 34 | | | 16B | 9 | | | SPIO15 | 06 | UWDBSOX | 01 | 1 | DCF | C8 | | | 28A | |
| 01991 | | XA546 | 51 | | XA545 | 51 | | | 16B | 9 | | | SPIO30 | 05 | TRDBCOX | 01 | 1 | DCF | C4 | | | 28B | |
| 01969 | | XA546 | 52 | | XA545 | 52 | | | 16B | 9 | | | SPIO29 | 10 | TRDBPDX401 | 1 | | DCF | C1 | | | 29A | |
| 08132 | | XA546 | 52 | | | | | | | | | M | SPIO29 | 01 | UWDBSDX401 | 1 | | DCF | C7 | | | 29A | |
| 08133 | | XA546 | 52 | | | | | | | | | M | SPIO29 | 01 | URDBSDX401 | 1 | | DCF | C5 | | | 29A | |
| 08134 | | XA546 | 52 | | | | | | | | | M | SPIO29 | 01 | TRDBCOX401 | 1 | | DCF | C3 | | | 29A | |
| 08251 | | XA546 | 53 | | | | | | | | | | TRDBCDR | 01 | | | | DCF | | | | | |
| 01577 | | XA546 | 54 | | XA545 | 54 | | | 16B | 9 | | | SPIO13 | 08 | URDBSOX | 01 | 1 | DCF | C6 | | | 30A | |
| 04970 | | XA546 | 55 | | | | | | | | | | TRDBCDX4 | 02 | TRDBCOX400 | 1 | | DCF | C3 | | | 30B | READ CLOCK RECEIV |
| 04972 | | XA546 | 56 | | | | | | | | | | TRDBCOX | 02 | TRDBCOX | 00 | 1 | DCF | C4 | | | 29B | |
| 08273 | | XA546 | 57 | | | | | | | | | M | URDBSOX | 01 | URDBSOX | 00 | 1 | DCF | C6 | | | 31A | |
| 08575 | | XA546 | 58 | | | | | | | | | | GND | 01 | | | | DCF | | | | | |
| 08296 | | XA546 | 59 | | | | | | | | | | SPP | 01 | | | | DCF | | | | | |
| 04980 | | XA546 | 60 | | | | | | | | | | URDBSDX4 | 02 | URDBSDX400 | 1 | | DCF | C5 | | | 31B | READ STATUS RECEIV |
| 05051 | | XA546 | 61 | | | | | | | | | | URDY4DX4 | 02 | URDY4DX400 | 1 | | DCF | D7 | | | 33A | READY 4 RECEIVER |
| 00544 | | XA546 | 62 | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| 00545 | | XA546 | 63 | | | | | | | | | | DNW | 01 | | | | DCF | | | | | |
| CONNECTOR XA546 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA546
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 425

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|---------------------------------|-------|--------|-----------|-----|-------|-------------|------|-------|-------|----------|--------|------------|------|--------|------------------|-------|---------------------|-------------|-----|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH PG | PREFIX | CONNECTOR | PIN | SH PG | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | SPEC INST | AND | | |
| 00546 | | XA546 | 64 | | | | | | | | | | DNW | 01 | | | | DCF | | | | | | |
| 05036 | | XA546 | 65 | | | | | | | | | | TRDY1DX4 | 02 | TRDY1DX400 | 1 | | DCF | D1 | | 32B | | READY 1 RECEIVER | |
| 00547 | | XA546 | 66 | | | | | | | | | | DNW | 01 | | | | DCF | | | | | | |
| 08293 | | XA546 | 67 | | | | | | | | | | TRDY1DR | 01 | | | | DCF | | | | | | |
| 08576 | | XA546 | 67 | | | | | | | | | | GND | | | | | DCF | | | | | | |
| 05054 | | XA546 | 68 | | | | | | | | | | URDY40X | 03 | URDY40X 00 | 1 | | DCF | D8 | | 34A | | | B05 |
| 05039 | | XA546 | 69 | | | | | | | | | | TRDY10X | 03 | TRDY10X 00 | 1 | | DCF | D2 | | 33B | | | |
| 01589 | | XA546 | 70 | | | XA545 | 70 | | | 16B | 9 | | SPIO15 | 03 | URDY40X 01 | 1 | | DCF | D8 | | 35A | | | B05 |
| 01944 | | XA546 | 71 | | | XA545 | 71 | | | 16B | 9 | | SPIO28 | 08 | TRDY10X 01 | 1 | | DCF | D2 | | 34B | | | |
| 01986 | | XA546 | 72 | | | | | | | | | | SPIO29 | 27 | TRDY1DX401 | 1 | | DCF | D1 | | 36A | | | |
| 08135 | | XA546 | 72 | | | | | | | | | M | SPIO29 | 01 | URDY3DX401 | 1 | | DCF | D5 | | 36A | | | B05 |
| 08136 | | XA546 | 72 | | | | | | | | | M | SPIO29 | 01 | URDY2DX401 | 1 | | DCF | D3 | | 36A | | | B05 |
| 08137 | | XA546 | 72 | | | | | | | | | M | SPIO29 | 01 | URDY4DX401 | 1 | | DCF | D7 | | 36A | | | B05 |
| 01995 | | XA546 | 73 | | | | | | | | | | SPIO30 | 09 | URDY2DX 01 | 1 | | DCF | D4 | | 35B | | | B05 |
| 01580 | | XA546 | 74 | | | XA525 | 79 | | | 16B | 9 | | SPIO13 | 11 | URDY3DX 01 | 1 | | DCF | D6 | | 37A | | | B05 |
| 05044 | | XA546 | 75 | | | | | | | | | | URDY2DX | 03 | URDY2DX 00 | 1 | | DCF | D4 | | 36B | | | B05 |
| 05049 | | XA546 | 76 | | | | | | | | | | URDY3DX | 03 | URDY3DX 00 | 1 | | DCF | D6 | | 38A | | | B05 |
| 08294 | | XA546 | 77 | | | | | | | | | M | URDY2DR | 01 | | | | DCF | | | | | | |
| 05041 | | XA546 | 78 | | | | | | | | | M | URDY2DX4 | 02 | URDY2DX400 | 1 | | DCF | D3 | | 37B | | READY 2 RECEIVER | B05 |
| 08295 | | XA546 | 79 | | | | | | | | | | URDY3DR | 01 | | | | DCF | | | 40B | | | |
| 05046 | | XA546 | 80 | | | | | | | | | | URDY3DX4 | 02 | URDY3DX400 | 1 | | DCF | D5 | | 38B | | READY 3 RECEIVER | B05 |
| 00548 | | XA547 | 01 | | | | | | | | | | DNW | 01 | | | | RR4 | | | | | | |
| 01124 | | XA547 | 02 | | | | | | | | | | GND | 01 | | | | RR4 | | | | | | |
| 47924 | | XA547 | 02 | | | | | | | | | | +05RESSR | 02 | | | | RR4 | | | | | | A03 |
| 65043 | | XA547 | 02 | | | | | | | | | | G54702 | 41 | | | | RR4 | | | | | | A03 |
| 00001 | | XA547 | 03 | | | | | | | | | K | +05RES | 80 | | | | RR4 | AP | | | | | A03 |
| 47922 | | XA547 | 03 | | | | | | | | | | +05RESS | 02 | | | | RR4 | AP | | | | | A03 |
| 00002 | | XA547 | 04 | | | XA547 | 03 | | | 16B | 9 | | +05RES | 79 | | | | RR4 | AP | | | | | A03 |
| 04989 | | XA547 | 05 | | | XA546 | 14 | | | 16B | 9 | | TRDB2DX4 | 01 | | | | RR4 | A3 | | | | | |
| 01160 | | XA547 | 06 | | | XA547 | 02 | | | 16B | 9 | | G54702 | 40 | | | | RR4 | AC | | | | | A03 |
| 04993 | | XA547 | 07 | | | XA546 | 01 | | | 16B | 9 | | TRDB3DX4 | 01 | | | | RR4 | A4 | | | | | |
| 04981 | | XA547 | 08 | | | XA546 | 07 | | | 16B | 9 | | TRDB0DX4 | 01 | | | | RR4 | A1 | | | | | |
| 04997 | | XA547 | 09 | | | XA546 | 27 | | | 16B | 9 | | TRDB4DX4 | 01 | | | | RR4 | A5 | | | | | |
| 04985 | | XA547 | 10 | | | XA546 | 17 | | | 16B | 9 | | TRDB1DX4 | 01 | | | | RR4 | A2 | | | | | |
| 00549 | | XA547 | 11 | | | | | | | | | | DNW | 01 | | | | RR4 | | | | | | |
| 00247 | | XA547 | 12 | | | | | | | | | | +5V | 01 | | | | RR4 | | | | | | |
| 00004 | | XA547 | 13 | | | XA547 | 14 | | | 16B | 9 | | +05RES | 77 | | | | RR4 | BP | | | | | |
| 00003 | | XA547 | 14 | | | XA547 | 04 | | | 16B | 9 | | +05RES | 78 | | | | RR4 | BP | | | | | |
| 01192 | | XA547 | 15 | | | | | | | | | | DNW | 01 | | | | RR4 | | | | | KEYWAY | A06 |
| 01193 | | XA547 | 16 | | | | | | | | | | DNW | 01 | | | | RR4 | | | | | KEYWAY | A06 |
| 04975 | | XA547 | 17 | | | XA546 | 46 | | | 16B | 9 | | TRDBPDX4 | 01 | | | | RR4 | B4 | | | | | |
| 01161 | | XA547 | 18 | | | XA547 | 06 | | | 16B | 9 | | G54702 | 39 | | | | RR4 | BC | | | | | A03 |
| 04969 | | XA547 | 19 | | | XA546 | 55 | | | 16B | 9 | | TRDBCX4 | 01 | | | | RR4 | B5 | | | | | |
| 05001 | | XA547 | 20 | | | XA546 | 37 | | | 16B | 9 | | TRDB5DX4 | 01 | | | | RR4 | B1 | | | | | |
| 00005 | | XA547 | 21 | | | XA547 | 13 | | | 16B | 9 | | +05RES | 76 | | | | RR4 | CP | | | | | |
| 00006 | | XA547 | 22 | | | XA547 | 21 | | | 16B | 9 | | +05RES | 75 | | | | RR4 | CP | | | | | |
| 05035 | | XA547 | 23 | | | XA546 | 65 | | | 16B | 9 | | TRDY1DX4 | 01 | | | | RR4 | C3 | | | | | |
| 05009 | | XA547 | 24 | | | XA546 | 23 | | | 16B | 9 | | TRDB7DX4 | 01 | | | | RR4 | B3 | | | | | |
| CONNECTOR | | XA547 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA547
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 426

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|--------|-----------|-----|-------------|------|-------|--------|----------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | PREFIX | CONNECTOR | PIN | MULTI GROUP | CODE | COLOR | | | | | | | | | | | |
| 05040 | XA547 | 25 | | XA546 | 78 | | | 168 | 9 | | URDY2DX4 | 01 | | | RR4 | C4 | | | | B05 |
| 05005 | XA547 | 26 | | XA546 | 41 | | | 168 | 9 | | TRDB6DX4 | 01 | | | RR4 | B2 | | | | |
| 00550 | XA547 | 27 | | | | | | | | | DNW | 01 | | | RR4 | | | | | |
| 00248 | XA547 | 28 | | | | | | | | | +5V | 01 | | | RR4 | | | | | |
| 05045 | XA547 | 29 | | XA546 | 80 | | | 168 | 9 | | URDY3DX4 | 01 | | | RR4 | C5 | | | | B05 |
| 01162 | XA547 | 30 | | XA547 | 18 | | | 168 | 9 | | G54702 | 38 | | | RR4 | CC | | | | A03 |
| 00551 | XA547 | 31 | | | | | | | | | DNW | 01 | | | RR4 | | | | | |
| 01125 | XA547 | 32 | | | | | | | | | GND | 01 | | | RR4 | | | | | |
| 65042 | XA547 | 32 | | XA547 | 40 | | | 168 | 9 | | G54702 | 36 | | | RR4 | | | | | A03 |
| 65054 | XA547 | 32 | | XA550 | 46 | | | 168 | 9 | | TWDBCDBR | 01 | | | | | | | | C02 |
| 00008 | XA547 | 33 | | XA547 | 34 | | | 168 | 9 | | +05RES | 73 | | | RR4 | DP | | | | |
| 00007 | XA547 | 34 | | XA547 | 22 | | | 168 | 9 | | +05RES | 74 | | | RR4 | DP | | | | |
| 03540 | XA547 | 35 | | XA545 | 17 | | | 168 | 9 | | TADSCDX4 | 01 | | | RR4 | D3 | | | | B05 |
| 04979 | XA547 | 36 | | XA546 | 60 | | | 168 | 9 | | URDBSDX4 | 01 | | | RR4 | C1 | | | | B05 |
| 03553 | XA547 | 37 | | XA545 | 14 | | | 168 | 9 | | UB0T3DX4 | 01 | | | RR4 | D4 | | | | B05 |
| 06327 | XA547 | 38 | | XA546 | 43 | | | 168 | 9 | | UWDBSDX4 | 01 | | | RR4 | C2 | | | | B05 |
| 03560 | XA547 | 39 | | XA545 | 01 | | | 168 | 9 | | UB0T4DX4 | 01 | | | RR4 | D5 | | | | B05 |
| 01163 | XA547 | 40 | | XA547 | 30 | | | 168 | 9 | | G54702 | 37 | | | RR4 | DC | | | | A03 |
| 04390 | XA547 | 41 | | XA545 | 46 | | | 168 | 9 | | TFPR1DX4 | 01 | | | RR4 | E5 | | | | |
| 05050 | XA547 | 42 | | XA546 | 61 | | | 168 | 9 | | URDY4DX4 | 01 | | | RR4 | D1 | | | | B05 |
| 00552 | XA547 | 43 | | | | | | | | | DNW | 01 | | | RR4 | | | | | |
| 01126 | XA547 | 44 | | | | | | | | | GND | 01 | | | RR4 | | | | | |
| 65045 | XA547 | 44 | | | | | | | | | G54744 | 37 | | | RR4 | | | | | A03 |
| 04377 | XA547 | 45 | | XA550 | 45 | | | 168 | 9 | | TWDBCDB | 02 | | | RR4 | E4 | | | | C02 |
| 03526 | XA547 | 46 | | XA545 | 07 | | | 168 | 9 | | TROT1DX4 | 01 | | | RR4 | D2 | | | | |
| 04370 | XA547 | 47 | | XA547 | 45 | | | 168 | 9 | | TWDBCDB | 01 | | | RR4 | E3 | | | | C02 |
| 04357 | XA547 | 48 | | XA545 | 37 | | | 168 | 9 | | TADSDDX4 | 01 | | | RR4 | E2 | | | | B05 |
| 00009 | XA547 | 49 | | XA547 | 33 | | | 168 | 9 | | +05RES | 72 | | | RR4 | EP | | | | |
| 00010 | XA547 | 50 | | XA547 | 49 | | | 168 | 9 | | +05RES | 71 | | | RR4 | EP | | | | |
| 05191 | XA547 | 51 | | XA545 | 78 | | | 168 | 9 | | TADSBDX4 | 01 | | | RR4 | F5 | | | | B05 |
| 04343 | XA547 | 52 | | XA545 | 27 | | | 168 | 9 | | TEOT1DX4 | 01 | | | RR4 | E1 | | | | |
| 05182 | XA547 | 53 | | XA545 | 65 | | | 168 | 9 | | TREW1DX4 | 01 | | | RR4 | F4 | | | | |
| 01164 | XA547 | 54 | | XA547 | 44 | | | 168 | 9 | | G54744 | 36 | | | RR4 | EC | | | | A03 |
| 04405 | XA547 | 55 | | XA545 | 43 | | | 168 | 9 | | UFPR4DX4 | 01 | | | RR4 | F3 | | | | B05 |
| 04400 | XA547 | 56 | | XA545 | 60 | | | 168 | 9 | | UFPR3DX4 | 01 | | | RR4 | F2 | | | | B05 |
| 01194 | XA547 | 57 | | | | | | | | | DNW | 01 | | | RR4 | | | | | A06 |
| 01195 | XA547 | 58 | | | | | | | | | DNW | 01 | | | RR4 | | | | | KEYWAY |
| 00012 | XA547 | 59 | | XA547 | 60 | | | 168 | 9 | | +05RES | 69 | | | RR4 | FP | | | | KEYWAY |
| 00011 | XA547 | 60 | | XA547 | 50 | | | 168 | 9 | | +05RES | 70 | | | RR4 | FP | | | | |
| 06825 | XA547 | 61 | | | | | | | | | DNW | 05 | | | RR4 | G5 | | | | A03 |
| 04395 | XA547 | 62 | | XA545 | 55 | | | 168 | 9 | | TADSADX4 | 01 | | | RR4 | F1 | | | | B05 |
| 03689 | XA547 | 63 | | | | | | | | | DNW | 02 | | | RR4 | G4 | | | | A03 |
| 01165 | XA547 | 64 | | XA547 | 54 | | | 168 | 9 | | G54744 | 35 | | | RR4 | FC | | | | A03 |
| 03686 | XA547 | 65 | | | | | | | | | DNW | 01 | | | RR4 | G3 | | | | A03 |
| 05219 | XA547 | 66 | | XA545 | 61 | | | 168 | 9 | | UREW4DX4 | 01 | | | RR4 | G2 | | | | B05 |
| 01127 | XA547 | 67 | | | | | | | | | GND | 01 | | | RR4 | | | | | |
| 65015 | XA547 | 67 | | | | | | | | K | +05RESG | 02 | | | RR4 | | | | | A03 |
| 65044 | XA547 | 67 | | XA547 | 77 | | | 168 | 9 | | G54744 | 32 | | | RR4 | | | | | A03 |
| 00553 | XA547 | 68 | | | | | | | | | DNW | 01 | | | RR4 | | | | | A03 |
| 00013 | XA547 | 69 | | XA547 | 59 | | | 168 | 9 | | +05RES | 68 | | | RR4 | GP | | | | |
| CONNECTOR XA547 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA547
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 427

| RECORD NUMBER | FROM | | | TO | | | WIRE | | | | | SFC INST | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO | |
|--|--------|-----------|-----|--------|--------|-----------|------|-------|-------------|------|-------|----------|----------|--------|----------|------|--------|------------------|-------|---------------------|-----|-------------|--|--------------------|--------|--|
| | PREFIX | CONNECTOR | PIN | PIN FC | PREFIX | CONNECTOR | PIN | SH FC | MULTI GROUP | CODE | COLOR | | | | | | | | | IDENT | AND | OR | | | | |
| 00014 | | XA547 | 70 | | XA547 | 69 | | | 16B | 9 | | | +05RES | 67 | | | | RR4 | GP | | | | | | | |
| 03376 | | XA547 | 71 | | | | | | | | | | SPI0263 | 16 | | | | RR4 | H5 | | | | | | A03 | |
| 05208 | | XA547 | 72 | | XA545 | 80 | | | 16B | 9 | | | UREW3DX4 | 01 | | | | RR4 | G1 | | | | | | B05 | |
| 03377 | | XA547 | 73 | | | | | | | | | | TXADE04 | 05 | | | | RR4 | H4 | | | | | | A03 | |
| 01166 | | XA547 | 74 | | XA547 | 64 | | | 16B | 9 | | | G54744 | 34 | | | | RR4 | GC | | | | | | A03 | |
| 03378 | | XA547 | 75 | | | | | | | | | | TCILKD4 | 02 | | | | RR4 | H3 | | | | | | A03 | |
| 03379 | | XA547 | 76 | | XA412 | 47 | | | 16B | 9 | | | TCILKA4 | 01 | | | | RR4 | H2 | | | | | | A03 | |
| 01167 | | XA547 | 77 | | XA547 | 74 | | | 16B | 9 | | | G54744 | 33 | | | | RR4 | HC | | | | | | A03 | |
| 08035 | | XA547 | 78 | | XA441 | 48 | | | 16B | 9 | | | TOSCEA4 | 01 | | | | RR4 | H1 | | | | | | | |
| 00016 | | XA547 | 79 | | XA547 | 80 | | | 16B | 9 | | | +05RES | 65 | | | | RR4 | HP | | | | | | | |
| 00015 | | XA547 | 80 | | XA146 | 43 | | | 1B0 | 2 | | | +05RES | 66 | | | | RR4 | HP | | | | | | B01 | |
| 65014 | | XA547 | 80 | | | | | | | | | K | +05RES | 89 | | | | RR4 | HP | | | | | | B01 | |
| 03076 | | XA548 | 01 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 01128 | | XA548 | 02 | | | | | | | | | | GND | 01 | | | | | | | | | | | | |
| 03077 | | XA548 | 03 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 03078 | | XA548 | 04 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 03079 | | XA548 | 05 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 03080 | | XA548 | 06 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 03081 | | XA548 | 07 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 03082 | | XA548 | 08 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 03083 | | XA548 | 09 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 03084 | | XA548 | 10 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 03085 | | XA548 | 11 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 00249 | | XA548 | 12 | | | | | | | | | | +5V | 01 | | | | | | | | | | | | |
| 03086 | | XA548 | 13 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 03087 | | XA548 | 14 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 03088 | | XA548 | 15 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 01129 | | XA548 | 16 | | | | | | | | | | GND | 01 | | | | | | | | | | | | |
| 03089 | | XA548 | 17 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 03090 | | XA548 | 18 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 03091 | | XA548 | 19 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 03092 | | XA548 | 20 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 03093 | | XA548 | 21 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 03094 | | XA548 | 22 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 03095 | | XA548 | 23 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 03096 | | XA548 | 24 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 03097 | | XA548 | 25 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 03098 | | XA548 | 26 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 03099 | | XA548 | 27 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 00250 | | XA548 | 28 | | | | | | | | | | +5V | 01 | | | | | | | | | | | | |
| 03100 | | XA548 | 29 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 03101 | | XA548 | 30 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 03102 | | XA548 | 31 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 01130 | | XA548 | 32 | | | | | | | | | | GND | 01 | | | | | | | | | | | | |
| 03103 | | XA548 | 33 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 03104 | | XA548 | 34 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 03105 | | XA548 | 35 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| 03106 | | XA548 | 36 | | | | | | | | | | SPP | 01 | | | | | | | | | | | | |
| CONNECTOR (XA548) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | | | | |

H78-14 1442

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA548
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFC5 FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 428

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SPP INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|---------------------------------|-------|--------|-----------|-----|-------|-------------|------|-------|-------|---------------|--------|--------|----------|------|--------|------------------|-------|---------------------|-------------|----|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | IN FC | PREFIX | CONNECTOR | PIN | IN FC | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | AND | OR | | |
| 03107 | | XA548 | 37 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03108 | | XA548 | 38 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03109 | | XA548 | 39 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03110 | | XA548 | 40 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03111 | | XA548 | 41 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03112 | | XA548 | 42 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03113 | | XA548 | 43 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 01131 | | XA548 | 44 | | | | | | | | | | GND | 01 | | | | | | | | | | | |
| 03114 | | XA548 | 45 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03115 | | XA548 | 46 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03116 | | XA548 | 47 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03117 | | XA548 | 48 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03118 | | XA548 | 49 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03119 | | XA548 | 50 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03120 | | XA548 | 51 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03121 | | XA548 | 52 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03122 | | XA548 | 53 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03123 | | XA548 | 54 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03124 | | XA548 | 55 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03125 | | XA548 | 56 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03126 | | XA548 | 57 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 01132 | | XA548 | 58 | | | | | | | | | | GND | 01 | | | | | | | | | | | |
| 03127 | | XA548 | 59 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03128 | | XA548 | 60 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03129 | | XA548 | 61 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03130 | | XA548 | 62 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03131 | | XA548 | 63 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03132 | | XA548 | 64 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03133 | | XA548 | 65 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03134 | | XA548 | 66 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 01133 | | XA548 | 67 | | | | | | | | | | GND | 01 | | | | | | | | | | | |
| 03135 | | XA548 | 68 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03136 | | XA548 | 69 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03137 | | XA548 | 70 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03138 | | XA548 | 71 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03139 | | XA548 | 72 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03140 | | XA548 | 73 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03141 | | XA548 | 74 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03142 | | XA548 | 75 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03143 | | XA548 | 76 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03144 | | XA548 | 77 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03145 | | XA548 | 78 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03146 | | XA548 | 79 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03147 | | XA548 | 80 | | | | | | | | | | SPP | 01 | | | | | | | | | | | |
| 03148 | | XA549 | 01 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | | A04 | |
| 01134 | | XA549 | 02 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | | A04 | |
| 03149 | | XA549 | 03 | | | | | | | | | | SPP | 00 | | | | EXT | | | | | | B05 | |
| 03150 | | XA549 | 04 | | | | | | | | | | SPP | 00 | | | | EXT | | | | | | B05 | |
| CONNECTOR | | XA549 | CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA549
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 429

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM FACTOR | CKT OR CHIP TYPE | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|------|--------|-----------|-----|------|------|-------------|------|-------|--------|----------|----------|-------------|------------------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | INFO | PREFIX | CONNECTOR | PIN | INFO | SIZE | MULTI GROUP | CODE | COLOR | | | | | | | | | |
| 03151 | | XA549 | 05 | | | | | | | | | | | SPP | 00 | | | EXT | | B05 | |
| 03152 | | XA549 | 06 | | | | | | | | | | | SPP | 00 | | | EXT | | B05 | |
| 03153 | | XA549 | 07 | | XA547 | 56 | | | | 168 | 9 | | | UFPR3DX4 | 00 | | | EXT | | B05 | |
| 03154 | | XA549 | 08 | | XA545 | 58 | | | | 168 | 9 | | | TFPR3DR | 00 | | | EXT | | A04 | |
| 03155 | | XA549 | 09 | | XA547 | 55 | | | | 168 | 9 | | | UFPR4DX4 | 00 | | | EXT | | B05 | |
| 03156 | | XA549 | 10 | 3 | XA545 | 44 | | 3 | | 168 | 9 | | | TFPR4DR | 00 | | | EXT | | A04 | |
| 03157 | | XA549 | 11 | | | | | | | | | | | SPP | 01 | | | EXT | | A04 | |
| 00251 | | XA549 | 12 | | | | | | | | | | | SPP | 01 | | | EXT | | A04 | |
| 03158 | | XA549 | 13 | | | | | | | | | | | SPP | 00 | | | EXT | | C02 | |
| 03159 | | XA549 | 14 | | | | | | | | | | | SPP | 00 | | | EXT | | C02 | |
| 03160 | | XA549 | 15 | | | | | | | | | | | SPP | 01 | | | EXT | | A04 | |
| 01135 | | XA549 | 16 | | | | | | | | | | | SPP | 01 | | | EXT | | A04 | |
| 03161 | | XA549 | 17 | | | | | | | | | | | SPP | 00 | | | EXT | | B05 | |
| 03162 | | XA549 | 18 | | | | | | | | | | | SPP | 00 | | | EXT | | B05 | |
| 03163 | | XA549 | 19 | | XA547 | 66 | | | | 168 | 9 | | | UREW4DX4 | 00 | | | EXT | | B05 | |
| 03164 | | XA549 | 20 | | XA545 | 59 | | | | 168 | 9 | | | TREW4DR | 00 | | | EXT | | A04 | |
| 03165 | | XA549 | 21 | | XA547 | 72 | | | | 168 | 9 | | | UREW3DX4 | 00 | | | EXT | | B05 | |
| 03166 | | XA549 | 22 | | XA545 | 79 | | | | 168 | 9 | | | TREW3DR | 00 | | | EXT | | A04 | |
| 03167 | | XA549 | 23 | | XA549 | 41 | | | | 168 | 9 | | | UMALFDX | 00 | | | EXT | | B05 | |
| 03168 | | XA549 | 24 | | XA549 | 42 | | | | 168 | 9 | | | TMALFDR | 01 | | | EXT | | A04 | |
| 03169 | | XA549 | 25 | | | | | | | | | | | SPP | 00 | | | EXT | | B05 | |
| 03170 | | XA549 | 26 | | | | | | | | | | | SPP | 00 | | | EXT | | B05 | |
| 03171 | | XA549 | 27 | | | | | | | | | | | SPP | 01 | | | EXT | | A04 | |
| 00252 | | XA549 | 28 | | | | | | | | | | | SPP | 01 | | | EXT | | A04 | |
| 03172 | | XA549 | 29 | | | | | | | | | | | SPP | 00 | | | EXT | | B05 | |
| 03173 | | XA549 | 30 | | | | | | | | | | | SPP | 00 | | | EXT | | B05 | |
| 03174 | | XA549 | 31 | | | | | | | | | | | SPP | 01 | | | EXT | | A04 | |
| 01136 | | XA549 | 32 | | | | | | | | | | | SPP | 01 | | | EXT | | A04 | |
| 03175 | | XA549 | 33 | | XA547 | 37 | | | | 168 | 9 | | | UB0T3DX4 | 00 | | | EXT | | B05 | |
| 03176 | | XA549 | 34 | | XA545 | 16 | | | | 168 | 9 | | | TB0T3DR | 00 | | | EXT | | A04 | |
| 03177 | | XA549 | 35 | | XA547 | 39 | | | | 168 | 9 | | | UB0T4DX4 | 00 | | | EXT | | B05 | |
| 03178 | | XA549 | 36 | 3 | XA545 | 02 | | 3 | | 168 | 9 | | | TB0T4DR | 00 | | | EXT | | A04 | |
| 03179 | | XA549 | 37 | | | | | | | | | | | SPP | 00 | | | EXT | | B05 | |
| 03180 | | XA549 | 38 | | | | | | | | | | | SPP | 00 | | | EXT | | B05 | |
| 03181 | | XA549 | 39 | | | | | | | | | | | SPP | 00 | | | EXT | | B05 | |
| 03182 | | XA549 | 40 | | | | | | | | | | | SPP | 00 | | | EXT | | B05 | |
| 03183 | | XA549 | 41 | | XA549 | 45 | | | | 168 | 9 | | | UMALFDX | 001 | | | EXT | | B05 | |
| 03184 | | XA549 | 42 | | XA549 | 46 | | | | 168 | 9 | | | TMALFDR | 02 | | | EXT | | A04 | |
| 03185 | | XA549 | 43 | | | | | | | | | | | SPP | 01 | | | EXT | | A04 | |
| 01137 | | XA549 | 44 | | | | | | | | | | | SPP | 01 | | | EXT | | A04 | |
| 03186 | | XA549 | 45 | | XA549 | 47 | | | | 168 | 9 | | | UMALFDX | 002 | | | EXT | | B05 | |
| 03187 | | XA549 | 46 | | XA549 | 48 | | | | 168 | 9 | | | TMALFDR | 03 | | | EXT | | A04 | |
| 03188 | | XA549 | 47 | | XA446 | 65 | | | | 168 | 9 | | | UMALFDX | 003 | | | EXT | | B05 | |
| 03189 | | XA549 | 48 | | XA446 | 32 | | | | 168 | 9 | | | TMALFDR | 04 | | | EXT | | A04 | |
| 03190 | | XA549 | 49 | | | | | | | | | | | SPP | 00 | | | EXT | | B05 | |
| 03191 | | XA549 | 50 | | | | | | | | | | | SPP | 00 | | | EXT | | B05 | |
| 03192 | | XA549 | 51 | | | | | | | | | | | SPP | 00 | | | EXT | | C02 | |
| 03193 | | XA549 | 52 | | | | | | | | | | | SPP | 00 | | | EXT | | C02 | |
| 03194 | | XA549 | 53 | | | | | | | | | | | SPP | 01 | | | EXT | | A04 | |
| 03195 | | XA549 | 54 | | | | | | | | | | | SPP | 01 | | | EXT | | A04 | |
| CONNECTOR (XA549) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | |

H78-14 1444

DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA549
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 430

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---------------|-----------|-----------|----------------------------|----|--------|-----------|-----|----|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DI | PREFIX | CONNECTOR | PIN | DI | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 03196 | | XA549 | 55 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 03197 | | XA549 | 56 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 03198 | | XA549 | 57 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 01138 | | XA549 | 58 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 03199 | | XA549 | 59 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 03200 | | XA549 | 60 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 03201 | | XA549 | 61 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 03202 | | XA549 | 62 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 47943 | | XA549 | 63 | | XA550 | 63 | | | 168 | 9 | | | +5VDC | 06 | | | | EXT | | | | | A04 |
| 47949 | | XA549 | 64 | | XA549 | 66 | | | 168 | 9 | | | +5VDCR | 06 | | | | EXT | | | | | A04 |
| 47942 | | XA549 | 65 | | XA549 | 63 | | | 168 | 9 | | | +5VDC | 05 | | | | EXT | | | | | A04 |
| 47950 | | XA549 | 66 | | XA550 | 66 | | | 168 | 9 | | | +5VDCR | 07 | | | | EXT | | | | | A04 |
| 01139 | | XA549 | 67 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 03207 | | XA549 | 68 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 03208 | | XA549 | 69 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 03209 | | XA549 | 70 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 03210 | | XA549 | 71 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 03211 | | XA549 | 72 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 03212 | | XA549 | 73 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 03213 | | XA549 | 74 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 03214 | | XA549 | 75 | | XA444 | 39 | | | 168 | 9 | | | TCILKD4 | 00 | | | | EXT | | | | | A04 |
| 03215 | | XA549 | 76 | | XA549 | 75 | | | 168 | 9 | | | TCILKD4 | 0L | | | | EXT | | | | | B05 |
| 03216 | | XA549 | 77 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 03217 | | XA549 | 78 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 03218 | | XA549 | 79 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 03219 | | XA549 | 80 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 03220 | | XA550 | 01 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 01140 | | XA550 | 02 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 03221 | | XA550 | 03 | | XA543 | 38 | | | 168 | 9 | | | TWDBPB4 | 00 | | | | EXT | | | | | A04 |
| 03222 | | XA550 | 04 | 1 | XA543 | 32 | 1 | | 168 | 9 | | | TWDBPBR | 01 | | | | EXT | | | | | A04 |
| 03223 | | XA550 | 05 | | XA544 | 08 | | | 168 | 9 | | | TWDB0B4 | 00 | | | | EXT | | | | | A04 |
| 03224 | | XA550 | 06 | 1 | XA544 | 02 | 1 | | 168 | 9 | | | TWDB0BR | 01 | | | | EXT | | | | | A04 |
| 03225 | | XA550 | 07 | | XA544 | 10 | | | 168 | 9 | | | TWDB1B4 | 00 | | | | EXT | | | | | A04 |
| 03226 | | XA550 | 08 | 2 | XA544 | 02 | 2 | | 168 | 9 | | | TWDB1BR | 01 | | | | EXT | | | | | A04 |
| 03227 | | XA550 | 09 | | XA544 | 05 | | | 168 | 9 | | | TWDB2B4 | 00 | | | | EXT | | | | | A04 |
| 03228 | | XA550 | 10 | 3 | XA544 | 02 | 3 | | 168 | 9 | | | TWDB2BR | 01 | | | | EXT | | | | | A04 |
| 03229 | | XA550 | 11 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 00253 | | XA550 | 12 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 03230 | | XA550 | 13 | | XA544 | 46 | | | 168 | 9 | | | TADS1D4 | 00 | | | | EXT | | | | | A04 |
| 03231 | | XA550 | 14 | 1 | XA544 | 44 | 1 | | 168 | 9 | | | TADS1DR | 01 | | | | EXT | | | | | A04 |
| 03232 | | XA550 | 15 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 01141 | | XA550 | 16 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 03233 | | XA550 | 17 | | XA543 | 60 | | | 168 | 9 | | | TADS2D4 | 00 | | | | EXT | | | | | A04 |
| 03234 | | XA550 | 18 | 1 | XA543 | 58 | 1 | | 168 | 9 | | | TADS2DR | 01 | | | | EXT | | | | | A04 |
| 03235 | | XA550 | 19 | | | | | | | | | | TRUNCB | 02 | | | | EXT | | | | | B07 |
| 03236 | | XA550 | 20 | 1 | XA543 | 44 | 1 | | 168 | 9 | | | TRUNCDR | 01 | | | | EXT | | | | | A04 |
| 03237 | | XA550 | 21 | | XA543 | 63 | | | 168 | 9 | | | TADS4D4 | 00 | | | | EXT | | | | | A04 |
| 03238 | | XA550 | 22 | 2 | XA543 | 58 | 2 | | 168 | 9 | | | TADS4DR | 01 | | | | EXT | | | | | A04 |
| | CONNECTOR | XA550 | CONTINUED ON THE NEXT PAGE | | | | | | | | | | | | | | | | | | | *** | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA550
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 431

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|----|--------|-----------|-----|----|-------------|------|-------|-------|----------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | OR | PREFIX | CONNECTOR | PIN | OR | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 03239 | | XA550 | 23 | | | | | | | | | | TREWCB | 02 | | | | EXT | | | | | B07 |
| 03240 | | XA550 | 24 | 2 | XA543 | 44 | 2 | | 16B | 9 | | | TREWCDR | 01 | | | | EXT | | | | | A06 |
| 03241 | | XA550 | 25 | | XA543 | 15 | | | 16B | 9 | | | TWDB3B4 | 00 | | | | EXT | | | | | A04 |
| 03242 | | XA550 | 26 | 1 | XA543 | 16 | 1 | | 16B | 9 | | | TWDB3BR | 01 | | | | EXT | | | | | A06 |
| 03243 | | XA550 | 27 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 00254 | | XA550 | 28 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A06 |
| 03244 | | XA550 | 29 | | | | | | | | | | TWDB4B4 | 04 | | | | EXT | | | | | A04 |
| 03245 | | XA550 | 30 | | | | | | | | | | TWDB4BR | 02 | | | | EXT | | | | | A06 |
| 03246 | | XA550 | 31 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 01142 | | XA550 | 32 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A06 |
| 03247 | | XA550 | 33 | | XA544 | 20 | | | 16B | 9 | | | TWDB5B4 | 00 | | | | EXT | | | | | A04 |
| 03248 | | XA550 | 34 | 2 | XA543 | 16 | 2 | | 16B | 9 | | | TWDB5BR | 01 | | | | EXT | | | | | A06 |
| 03249 | | XA550 | 35 | | XA544 | 26 | | | 16B | 9 | | | TWDB6B4 | 00 | | | | EXT | | | | | A04 |
| 03250 | | XA550 | 36 | 1 | XA544 | 32 | 1 | | 16B | 9 | | | TWDB6BR | 01 | | | | EXT | | | | | A06 |
| 03251 | | XA550 | 37 | | XA543 | 27 | | | 16B | 9 | | | TWDB7B4 | 00 | | | | EXT | | | | | A04 |
| 03252 | | XA550 | 38 | 2 | XA543 | 32 | 2 | | 16B | 9 | | | TWDB7BR | 01 | | | | EXT | | | | | A06 |
| 03253 | | XA550 | 39 | | XA544 | 37 | | | 16B | 9 | | | TADS3D4 | 00 | | | | EXT | | | | | A04 |
| 03254 | | XA550 | 40 | 2 | XA544 | 32 | 2 | | 16B | 9 | | | TADS3DR | 01 | | | | EXT | | | | | A06 |
| 03255 | | XA550 | 41 | | XA543 | 51 | | | 16B | 9 | | | TDIRCD4 | 00 | | | | EXT | | | | | A04 |
| 03256 | | XA550 | 42 | 3 | XA543 | 58 | 3 | | 16B | 9 | | | TDIRCDR | 01 | | | | EXT | | | | | A06 |
| 03257 | | XA550 | 43 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 01143 | | XA550 | 44 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A06 |
| 03258 | | XA550 | 45 | | | | | | | | | | TWDBCD8 | 03 | | | | EXT | | | | | C02 |
| 03259 | | XA550 | 46 | | | | | | | | | | TWDBCD8R | 02 | | | | EXT | | | | | C02 |
| 03260 | | XA550 | 47 | | XA543 | 75 | | | 16B | 9 | | | TSPDCD4 | 00 | | | | EXT | | | | | A04 |
| 03261 | | XA550 | 48 | | XA543 | 67 | | | 16B | 9 | | | TSPDCDR | 01 | | | | EXT | | | | | A06 |
| 03262 | | XA550 | 49 | | XA544 | 19 | | | 16B | 9 | | | TWDBCD4 | 00 | | | | EXT | | | | | A04 |
| 03263 | | XA550 | 50 | 3 | XA543 | 32 | 3 | | 16B | 9 | | | TWDBCDR | 01 | | | | EXT | | | | | A06 |
| 03264 | | XA550 | 51 | | | | | | | | | | TWDBEB | 02 | | | | EXT | | | | | B07 |
| 03265 | | XA550 | 52 | 2 | XA544 | 44 | 2 | | 16B | 9 | | | TWDBEDR | 01 | | | | EXT | | | | | A06 |
| 03266 | | XA550 | 53 | | XA543 | 39 | | | 16B | 9 | | | TWLRCD4 | 00 | | | | EXT | | | | | A04 |
| 03267 | | XA550 | 54 | 3 | XA544 | 44 | 3 | | 16B | 9 | | | TWLRCDR | 01 | | | | EXT | | | | | A06 |
| 03268 | | XA550 | 55 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 03269 | | XA550 | 56 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A06 |
| 03270 | | XA550 | 57 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 01144 | | XA550 | 58 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A06 |
| 03271 | | XA550 | 59 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 03272 | | XA550 | 60 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A06 |
| 03273 | | XA550 | 61 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 03274 | | XA550 | 62 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A06 |
| 47944 | | XA550 | 63 | | XA550 | 65 | | | 16B | 9 | | | +5VDC | 07 | | | | EXT | | | | | A04 |
| 47952 | | XA550 | 64 | | | | | | | | | | +5VDCR | 09 | | | | EXT | | | | | A06 |
| 47945 | | XA550 | 65 | | | | | | | | | | +5VDC | 08 | | | | EXT | | | | | A04 |
| 47951 | | XA550 | 66 | | XA550 | 64 | | | 16B | 9 | | | +5VDCR | 08 | | | | EXT | | | | | A06 |
| 01145 | | XA550 | 67 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 03279 | | XA550 | 68 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A06 |
| 03280 | | XA550 | 69 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 03281 | | XA550 | 70 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A06 |
| 03282 | | XA550 | 71 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 |
| 03283 | | XA550 | 72 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A06 |
| CONNECTOR XA550 CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA550
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 432

| RECORD NUMBER | FROM | | | DR IFC | TO | | | WIRE | | | | SPP INST MISC | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND OR | SIGNAL DESCRIPTION | FCO NO |
|--|--------|-----------|-----|--------|--------|-----------|-----|--------|-------------|------|-------|---------------|--------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | | PREFIX | CONNECTOR | PIN | DR IFC | MULTI GROUP | CODE | COLOR | | | | | | | | | | | | |
| 03284 | | XA550 | 73 | | | | | | | | | SPP | 01 | | | | | | | | | | |
| 03285 | | XA550 | 74 | | | | | | | | | SPP | 01 | | | | | EXT | | | | | A04 |
| 03286 | | XA550 | 75 | | XA549 | 76 | | 16B | 9 | | | TCILKD4 | 0C | | | | | EXT | | | | | B05 |
| 03287 | | XA550 | 76 | | XA551 | 75 | | 16B | 9 | | | TCILKBR | 00 | | | | | EXT | | | | | A04 |
| 03288 | | XA550 | 77 | | | | | | | | | SPP | 01 | | | | | EXT | | | | | A04 |
| 03289 | | XA550 | 78 | | | | | | | | | SPP | 01 | | | | | EXT | | | | | A04 |
| 03290 | | XA550 | 79 | | | | | | | | | SPP | 01 | | | | | EXT | | | | | A04 |
| 03291 | | XA550 | 80 | | | | | | | | | SPP | 01 | | | | | EXT | | | | | A04 |
| 03292 | | XA551 | 01 | | | | | | | | | SPP | 01 | | | | | EXT | | | | | A04 |
| 01146 | | XA551 | 02 | | | | | | | | | GND | 01 | | | | | EXT | | | | | A04 |
| 03293 | | XA551 | 03 | | XA547 | 17 | | 16B | 9 | | | TRDBPDX4 | 00 | | | | | EXT | | | | | A04 |
| 03294 | | XA551 | 04 | | XA546 | 45 | | 16B | 9 | | | TRDBPDR | 00 | | | | | EXT | | | | | A04 |
| 08455 | | XA551 | 04 | | | | | | | | | GND | | | | | | EXT | | | | | A04 |
| 03295 | | XA551 | 05 | | XA547 | 08 | | 16B | 9 | | | TRD9ODX4 | 00 | | | | | EXT | | | | | A04 |
| 03296 | | XA551 | 06 | | XA546 | 05 | | 16B | 9 | | | TRDBODR | 00 | | | | | EXT | | | | | A04 |
| 08456 | | XA551 | 06 | | | | | | | | | GND | | | | | | EXT | | | | | A04 |
| 03297 | | XA551 | 07 | | XA547 | 10 | | 16B | 9 | | | TRDB1DX4 | 00 | | | | | EXT | | | | | A04 |
| 03298 | | XA551 | 08 | | XA546 | 19 | | 16B | 9 | | | TRDB1DR | 00 | | | | | EXT | | | | | A04 |
| 08457 | | XA551 | 08 | | | | | | | | | GND | | | | | | EXT | | | | | A04 |
| 03299 | | XA551 | 09 | | XA547 | 05 | | 16B | 9 | | | TRDB2DX4 | 00 | | | | | EXT | | | | | A04 |
| 03300 | | XA551 | 10 | | XA546 | 16 | | 16B | 9 | | | TRDB2DR | 00 | | | | | EXT | | | | | A04 |
| 03301 | | XA551 | 11 | | | | | | | | | SPP | 01 | | | | | EXT | | | | | A04 |
| 00255 | | XA551 | 12 | | | | | | | | | GND | 01 | | | | | EXT | | | | | A04 |
| 03302 | | XA551 | 13 | | XA547 | 23 | | 16B | 9 | | | TRDY1DX4 | 00 | | | | | EXT | | | | | A04 |
| 03303 | | XA551 | 14 | | XA546 | 67 | | 16B | 9 | | | TRDY1DR | 00 | | | | | EXT | | | | | A04 |
| 08458 | | XA551 | 14 | | | | | | | | | GND | | | | | | EXT | | | | | A04 |
| 03304 | | XA551 | 15 | | | | | | | | | SPP | 01 | | | | | EXT | | | | | A04 |
| 01147 | | XA551 | 16 | | | | | | | | | GND | 01 | | | | | EXT | | | | | A04 |
| 03305 | | XA551 | 17 | | XA547 | 41 | | 16B | 9 | | | TFPR1DX4 | 00 | | | | | EXT | | | | | B05 |
| 03306 | | XA551 | 18 | | XA545 | 45 | | 16B | 9 | | | TFPR1DR | 00 | | | | | EXT | | | | | B05 |
| 08459 | | XA551 | 18 | | | | | | | | | GND | | | | | | EXT | | | | | A04 |
| 03307 | | XA551 | 19 | | XA547 | 53 | | 16B | 9 | | | TREW1DX4 | 00 | | | | | EXT | | | | | B05 |
| 03308 | | XA551 | 20 | | XA545 | 67 | | 16B | 9 | | | TREW1DR | 00 | | | | | EXT | | | | | B05 |
| 08460 | | XA551 | 20 | | | | | | | | | GND | | | | | | EXT | | | | | A04 |
| 03309 | | XA551 | 21 | | XA547 | 52 | | 16B | 9 | | | TEOT1DX4 | 00 | | | | | EXT | | | | | B05 |
| 03310 | | XA551 | 22 | | XA545 | 25 | | 16B | 9 | | | TEOT1DR | 00 | | | | | EXT | | | | | B05 |
| 08461 | | XA551 | 22 | | | | | | | | | GND | | | | | | EXT | | | | | A04 |
| 03311 | | XA551 | 23 | | XA547 | 51 | | 16B | 9 | | | TADSBDX4 | 00 | | | | | EXT | | | | | B05 |
| 03312 | | XA551 | 24 | | | | | | | | | GND | 01 | | | | | EXT | | | | | A04 |
| 65051 | | XA551 | 24 | | XA545 | 77 | | 16B | 9 | | | TADSBDR | 00 | | | | | EXT | | | | | B05 |
| 03313 | | XA551 | 25 | | XA547 | 07 | | 16B | 9 | | | TRDB3DX4 | 00 | | | | | EXT | | | | | A04 |
| 03314 | | XA551 | 26 | | XA546 | 02 | | 16B | 9 | | | TRDB3DR | 00 | | | | | EXT | | | | | A04 |
| 08462 | | XA551 | 26 | | | | | | | | | GND | | | | | | EXT | | | | | A04 |
| 03315 | | XA551 | 27 | | | | | | | | | SPP | 01 | | | | | EXT | | | | | A04 |
| 00256 | | XA551 | 28 | | | | | | | | | GND | 01 | | | | | EXT | | | | | A04 |
| 03316 | | XA551 | 29 | | XA547 | 09 | | 16B | 9 | | | TRDB4DX4 | 00 | | | | | EXT | | | | | A04 |
| 03317 | | XA551 | 30 | | XA545 | 25 | | 16B | 9 | | | TRDB4DR | 00 | | | | | EXT | | | | | A04 |
| 08463 | | XA551 | 30 | | | | | | | | | GND | | | | | | EXT | | | | | A04 |
| CONNECTOR XA551 CONTINUED ON THE NEXT PAGE *** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA551
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39C1FC5 DATE 09-03-82 PAGE 433

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS AND/OR | SIGNAL DESCRIPTION | ECO NO |
|---|--------|-----------|-----|-----|--------|-----------|-----|-----|-------------|------|-------|-------|----------|--------|----------|------|--------|------------------|-------|---------------------|--------------------|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | DRG | PREFIX | CONNECTOR | PIN | DRG | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | | | |
| 03318 | | XA551 | 31 | | | | | | | | | | SPP | 01 | | | | EXT | | | | A04 | |
| 01148 | | XA551 | 32 | | | | | | | | | | GND | 01 | | | | EXT | | | | A04 | |
| 03319 | | XA551 | 33 | | XA547 | 20 | | | 168 | 9 | | | TRDB5DX4 | 00 | | | | EXT | | | | A04 | |
| 03320 | | XA551 | 34 | | XA546 | 39 | | | 168 | 9 | | | TRDB5DR | 00 | | | | EXT | | | | A04 | |
| 08464 | | XA551 | 34 | | | | | | | | | | GND | | | | | EXT | | | | A04 | |
| 03321 | | XA551 | 35 | | XA547 | 26 | | | 168 | 9 | | | TROR6DX4 | 00 | | | | EXT | | | | A04 | |
| 03322 | | XA551 | 36 | | XA546 | 42 | | | 168 | 9 | | | TRDB6DR | 00 | | | | EXT | | | | A04 | |
| 08465 | | XA551 | 36 | | | | | | | | | | GND | | | | | EXT | | | | A04 | |
| 03323 | | XA551 | 37 | | XA547 | 24 | | | 168 | 9 | | | TRDB7DX4 | 00 | | | | EXT | | | | A04 | |
| 03324 | | XA551 | 38 | | XA546 | 21 | | | 168 | 9 | | | TRDB7DR | 00 | | | | EXT | | | | A04 | |
| 08466 | | XA551 | 38 | | | | | | | | | | GND | | | | | EXT | | | | A04 | |
| 03325 | | XA551 | 39 | | XA547 | 46 | | | 168 | 9 | | | TBOT1DX4 | 00 | | | | EXT | | | | A04 | |
| 03326 | | XA551 | 40 | | XA545 | 05 | | | 168 | 9 | | | TBOT1DR | 01 | | | | EXT | | | | B05 | |
| 08467 | | XA551 | 40 | | | | | | | | | | GND | | | | | EXT | | | | A04 | |
| 03327 | | XA551 | 41 | | XA547 | 62 | | | 168 | 9 | | | TADSADX4 | 00 | | | | EXT | | | | B05 | |
| 03328 | | XA551 | 42 | | XA545 | 53 | | | 168 | 9 | | | TADSADR | 00 | | | | EXT | | | | B05 | |
| 08468 | | XA551 | 42 | | | | | | | | | | GND | | | | | EXT | | | | A04 | |
| 03329 | | XA551 | 43 | | | | | | | | | | SPP | 01 | | | | EXT | | | | A04 | |
| 01149 | | XA551 | 44 | | | | | | | | | | GND | 01 | | | | EXT | | | | A04 | |
| 03330 | | XA551 | 45 | | XA547 | 48 | | | 168 | 9 | | | TADSDDX4 | 00 | | | | EXT | | | | B05 | |
| 03331 | | XA551 | 46 | | | | | | | | | | GND | 01 | | | | EXT | | | | A04 | |
| 65053 | | XA551 | 46 | | XA545 | 39 | | | 168 | 9 | | | TADSDDR | 00 | | | | EXT | | | | B05 | |
| 03332 | | XA551 | 47 | | XA547 | 35 | | | 168 | 9 | | | TADSCDX4 | 00 | | | | EXT | | | | B05 | |
| 03333 | | XA551 | 48 | | | | | | | | | | GND | 01 | | | | EXT | | | | A04 | |
| 65052 | | XA551 | 48 | | XA545 | 19 | | | 168 | 9 | | | TADSCDR | 00 | | | | EXT | | | | B05 | |
| 03334 | | XA551 | 49 | | XA547 | 19 | | | 168 | 9 | | | TRDBCDX4 | 00 | | | | EXT | | | | A04 | |
| 03335 | | XA551 | 50 | | XA546 | 53 | | | 168 | 9 | | | TRDBCDR | 00 | | | | EXT | | | | A04 | |
| 08469 | | XA551 | 50 | | | | | | | | | | GND | | | | | EXT | | | | A04 | |
| 03336 | | XA551 | 51 | | XA544 | 23 | | | 168 | 9 | | | TRDBED4 | 00 | | | | EXT | | | | A04 | |
| 03337 | | XA551 | 52 | 3 | XA544 | 32 | 3 | | 168 | 9 | | | TRDBEDR | 01 | | | | EXT | | | | A04 | |
| 08470 | | XA551 | 52 | | | | | | | | | | GND | | | | | EXT | | | | A04 | |
| 03338 | | XA551 | 53 | | | | | | | | | | SPP | 01 | | | | EXT | | | | A04 | |
| 03339 | | XA551 | 54 | | | | | | | | | | GND | 01 | | | | EXT | | | | A04 | |
| 03340 | | XA551 | 55 | | | | | | | | | | SPP | 01 | | | | EXT | | | | A04 | |
| 03341 | | XA551 | 56 | | | | | | | | | | GND | 01 | | | | EXT | | | | A04 | |
| 03342 | | XA551 | 57 | | | | | | | | | | SPP | 01 | | | | EXT | | | | A04 | |
| 01150 | | XA551 | 58 | | | | | | | | | | GND | 01 | | | | EXT | | | | A04 | |
| 03343 | | XA551 | 59 | | | | | | | | | | SPP | 01 | | | | EXT | | | | A04 | |
| 03344 | | XA551 | 60 | | | | | | | | | | GND | 01 | | | | EXT | | | | A04 | |
| 03345 | | XA551 | 61 | | | | | | | | | | SPP | 01 | | | | EXT | | | | A04 | |
| 03346 | | XA551 | 62 | | | | | | | | | | GND | 01 | | | | EXT | | | | A04 | |
| 47941 | | XA551 | 63 | | | | | | | | | K | +5VDC | 03 | | | | EXT | | | | B03 | |
| 03348 | | XA551 | 64 | | | | | | | | | | GND | 01 | | | | EXT | | | | A04 | |
| 47947 | | XA551 | 64 | | | | | | | | | K | +5VDCR | 04 | | | | EXT | | | | B03 | |
| 03349 | | XA551 | 65 | | XA551 | 63 | | | 168 | 9 | | | +5VDC | 02 | | | | EXT | | | | A04 | |
| 03350 | | XA551 | 66 | | | | | | | | | | GND | 01 | | | | EXT | | | | A04 | |
| 47946 | | XA551 | 66 | | XA551 | 64 | | | 168 | 9 | | | +5VDCR | 03 | | | | EXT | | | | A04 | |
| 01151 | | XA551 | 67 | | | | | | | | | | SPP | 01 | | | | EXT | | | | A04 | |
| 03351 | | XA551 | 68 | | | | | | | | | | GND | 01 | | | | EXT | | | | A04 | |
| 03352 | | XA551 | 69 | | | | | | | | | | SPP | 01 | | | | EXT | | | | A04 | |
| CONNECTOR (XA551) CONTINUED ON THE NEXT PAGE **** | | | | | | | | | | | | | | | | | | | | | | | |

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DRAWING NUMBER 149015-880 CONNECTOR UNIT ASSEMBLY NO. 149015 REV C INDEX XA551
 UNIT ASSEMBLY NAME CARD CAGE ASSEMBLY IFCU FILE IDENT T39CIFC5 DATE 09-03-82 PAGE 434

| RECORD NUMBER | FROM | | | | TO | | | | WIRE | | | | SIGNAL | SEQ NO | EQUATION | TERM | FACTOR | CKT OR CHIP TYPE | GROUP | LOAD OR POWER PLANE | TEST POINTS | | SIGNAL DESCRIPTION | ECO NO |
|---------------|--------|-----------|-----|----|--------|-----------|-----|----|-------------|------|-------|-------|---------|--------|----------|------|--------|------------------|-------|---------------------|-------------|----|--------------------|--------|
| | PREFIX | CONNECTOR | PIN | SH | PREFIX | CONNECTOR | PIN | SH | MULTI GROUP | CODE | COLOR | IDENT | | | | | | | | | AND | OR | | |
| 03353 | | XA551 | 70 | | | | | | | | | | GND | 01 | | | | EXT | | | | | A04 | |
| 03354 | | XA551 | 71 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 03355 | | XA551 | 72 | | | | | | | | | | GND | 01 | | | | EXT | | | | | A04 | |
| 03356 | | XA551 | 73 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 03357 | | XA551 | 74 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 03358 | | XA551 | 75 | | | | | | | | | | TCILKBR | 01 | | | | EXT | | | | | A04 | |
| 03359 | | XA551 | 76 | | XA547 | 76 | | | 16B | 9 | | | TCILKA4 | 00 | | | | EXT | | | | | A04 | |
| 03360 | | XA551 | 77 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 03361 | | XA551 | 78 | | | | | | | | | | GND | 01 | | | | EXT | | | | | A04 | |
| 03362 | | XA551 | 79 | | | | | | | | | | SPP | 01 | | | | EXT | | | | | A04 | |
| 03363 | | XA551 | 80 | | | | | | | | | | GND | 01 | | | | EXT | | | | | A04 | |

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