

TECHNICAL MANUAL
DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LIST
(INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS)
FOR
SIGNAL PROCESSOR CP-936/TPX-50
(NSN 5895-00-135-9106)

TECHNICAL MANUAL

No. 11-5895-532-34P-2

HEADQUARTERS
DEPARTMENT OF THE ARMY
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**DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LISTS
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FOR
SIGNAL PROCESSOR CP-936/TPX-50
(NSN 5895-00-135-9106)**

Current as of 27 April 1977

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*This manual supersedes TM 11-5895-687-35P-2, 20 March 1972, including Changes 1, 6 March 1973.

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SECTION I INTRODUCTION

1. Scope

This manual lists spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE), and other special support equipment required for performance of direct support and general support maintenance of the CP-936/TPX-50. It authorizes the requisitioning and issue of spares and repair parts as indicated by the source and maintenance codes.

2. General

This Repair Parts and Special Tools List is divided into the following sections:

a. Section II. Repair Parts List. A list of spares and repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in numeric sequence, with the parts in each group listed in figure and item number sequence.

b. Section III. Special Tools List. Not applicable.

c. Section IV. National Stock Number and Part Number Index. A list, in National item identification number (NIIN) sequence, of all National stock numbers (NSN) appearing in the listings, followed by a list, in alphameric sequence, of all part numbers appearing in the listings. National stock numbers and part numbers are cross-referenced to each illustration figure and item number appearance.

3. Explanation of Columns

a. Illustration. This column is divided as follows:

(1) *Figure number.* Indicates the figure number of the illustration on which the item is shown.

(2) *Item number.* The number used to identify item called out in the illustration.

b. Source, Maintenance, and Recoverability (SMR) Codes.

(1) *Source code.* Source codes indicate the manner of acquiring support items for maintenance, repair, or overhaul of end items. Source codes are entered in the first and second positions of the Uniform SMR Code format as follows:

| <i>Code</i> | <i>Definition</i> |
|-------------|--|
| PA | Item procured and stocked for anticipated or known usage. |
| PB | Item procured and stocked for insurance purpose because essentiality dictates that a minimum quantity be available in the supply system. |
| XA | Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly. |
| XB | Item is not procured or stocked. If not available through salvage, requisition. |
| XD | A support item that is not stocked. When required, item will be procured through normal supply channels. |

NOTE

Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded XA and aircraft support items as restricted by AR 700-42.

(2) *Maintenance code.* Maintenance codes are assigned to indicate the levels of maintenance authorized to USE and REPAIR support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

(a) The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace, and use the support item. The maintenance code entered in the third position will indicate one of the following levels of maintenance:

| <i>Code</i> | <i>Application/Explanation</i> |
|-------------|--|
| O | Support item is removed, replaced, used at the organizational level. |
| F | Support item is removed, replaced, used at the direct support level. |
| D | Support items that are removed, replaced, used at depot, mobile depot, specialized repair activity only. |

(b) The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). This position will contain one of the following maintenance codes:

| <i>Code</i> | <i>Application/Explanation</i> |
|-------------|--|
| F | The lowest maintenance level capable of complete repair of the support item is the direct support level. |

D—The lowest maintenance level capable of complete repair of the support item is the depot level.

Z—Nonreparable. No repair is authorized.

(3) *Recoverability code.* Recoverability codes are assigned to support items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the Uniform SMR Code format as follows:

| <i>Recoverability codes</i> | <i>Definition</i> |
|-----------------------------|---|
| Z | Nonreparable item, When unserviceable, condemn and dispose at the level indicated in position 3. |
| F | Reparable item. When uneconomically repairable, condemn and dispose at the direct support level. |
| D | Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level. |
| L | Reparable item. Repair, condemnation, and disposal not authorized below depot/specialized repair activity level. |

c. *National Stock Number.* Indicates the National stock number assigned to the item and will be used for requisitioning purposes.

d. Part Number. Indicates the primary number used by the manufacturer (individual, company, firm, corporation, or Government activity), which controls the design and characteristics of the item by means of its engineering drawings, specifications, standards, and inspection requirements to identify an item or range of items.

NOTE

When a stock-numbered item is requisitioned, the repair part received may have a different part number than the part being replaced.

e. Federal Supply Code for Manufacturer (FSCM). The FSCM is a 5-digit numeric code listed in SB 708-42 which is used to identify the manufacturer, distributor, or Government agency, etc.

f. Description. Indicates the Federal item name and, if required, a minimum description to identify the item.

g. Unit of Measure (U/M). Indicates the standard of the basic quantity of the listed item as used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation

(e.g., ea, in, pr, etc). When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the required units of measure will be requisitioned.

h. Quantity Incorporated in Unit. Indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly.

4. Special Information

a. The following publications pertain to the CP-936/TPX-50 and its components:

TM 11-5895-687-12, Interrogator Set AN/TPX-50

TM 11-5895-687-20P, Interrogator Set AN/TPX-50

(C) TM 11-5895-687-35-2, Interrogator Set AN/TPX-50 (Signal Processor CP-936/TPX-50) (U)

b. National stock numbers (NSN's) that are missing from P source coded items have been applied for and will be added to this TM by future change/revision when they are entered in the Army Master Data File (AMDF). Until the NSN's are established and published, submit exception requisitions to: Commander, US Army Electronics, Command, ATTN: DRSEL-MM, Fort Monmouth, NJ 07703 for the part required to support your equipment.

5. How to Locate Repair Parts

a. When National stock number or part number is unknown.

(1) *First.* Using the table of contents, determine the functional group within which the item belongs. This is necessary since illustrations are prepared for functional groups and listings are divided into the same groups.

(2) *Second.* Find the illustration covering the functional group to which the item belongs.

(3) *Third.* Identify the item on the illustration and note the illustration figure and item number of the item.

(4) *Fourth.* Using the Repair Parts Listing, find the figure and item number noted on the illustration.

b. When National stock number or part number is known.

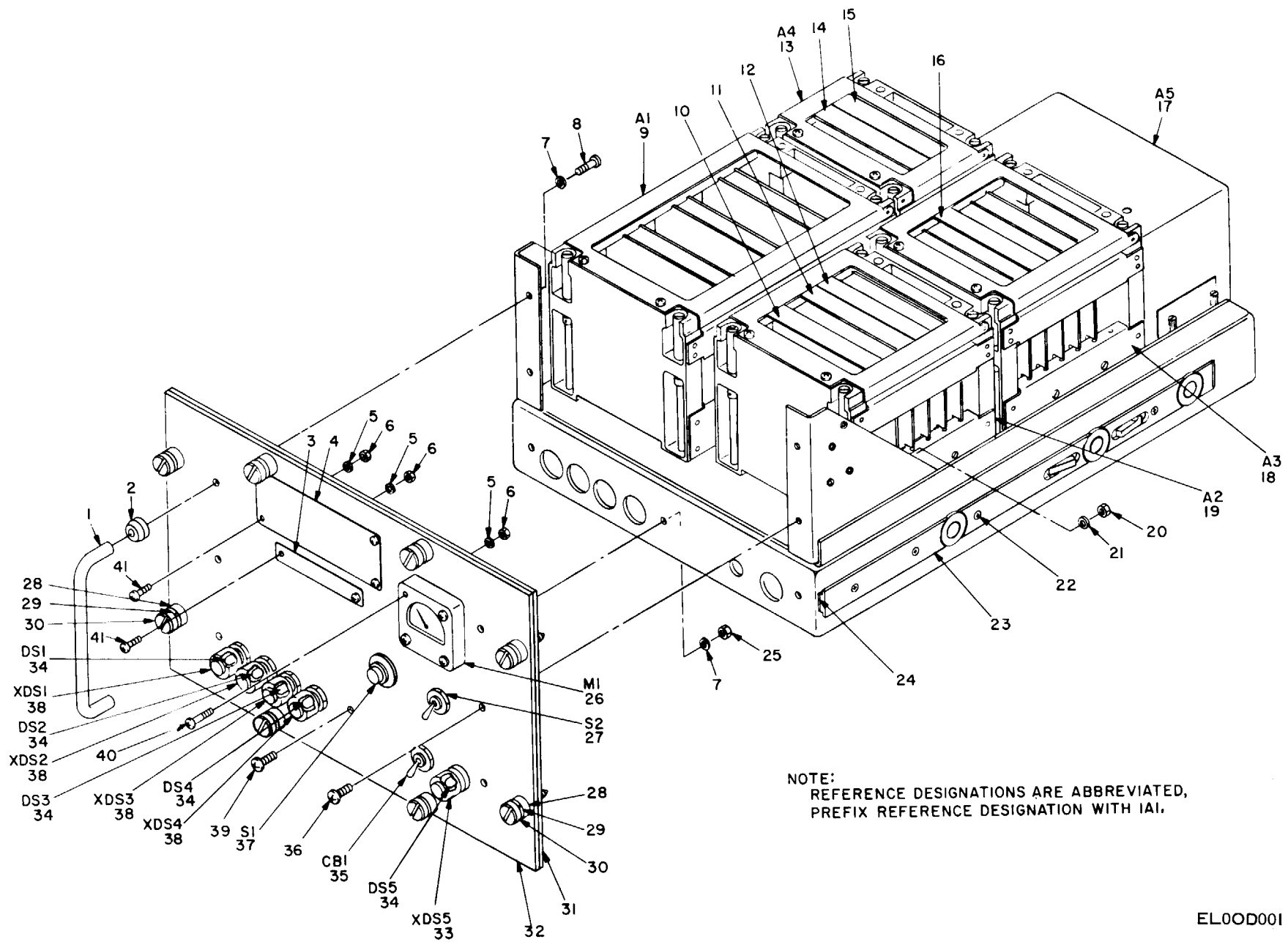
(1) *First.* Using the Index of National Stock Numbers and Part Numbers, find the pertinent National stock number or part number. This index is in NIIN sequence followed by a list of part numbers in alphameric sequence, cross-referenced to the illustration figure number and item number,

(2) *Second.* After finding the figure and item number, locate the figure and item number in the repair parts list.

6. Abbreviations

Not applicable.

(Next printed page is 4.1)

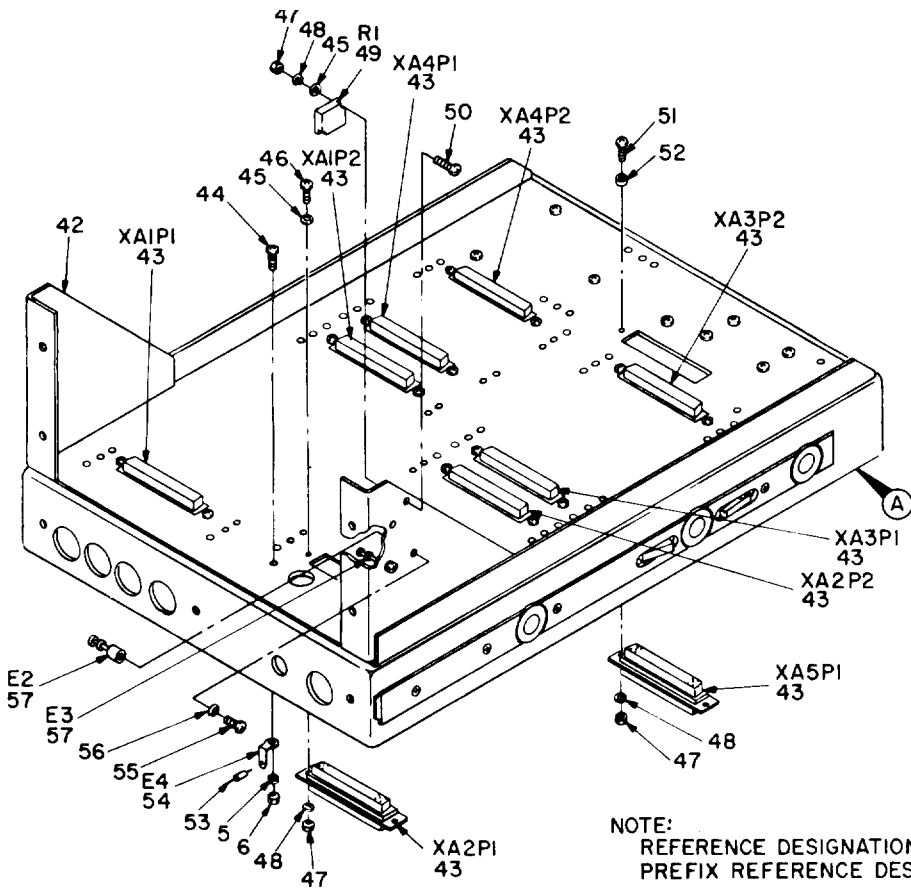
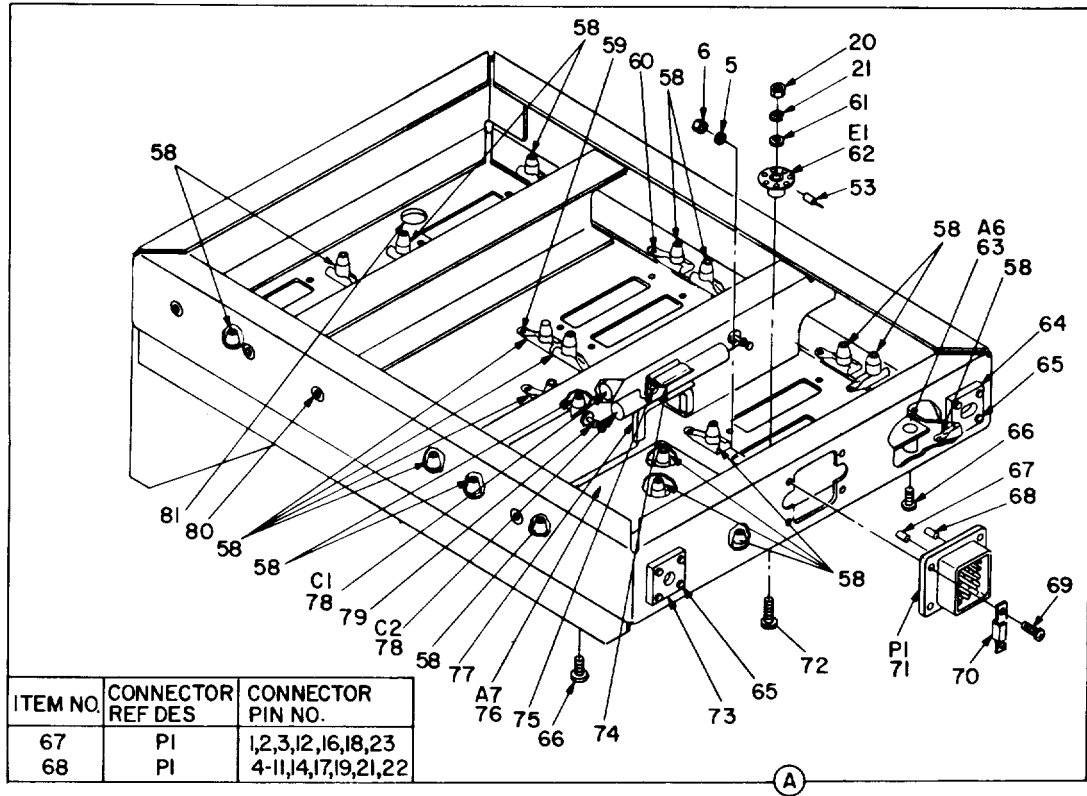


NOTE:
 REFERENCE DESIGNATIONS ARE ABBREVIATED,
 PREFIX REFERENCE DESIGNATION WITH IAI.

Figure 1. Signal Processor CP-936/TPX-50
 (Sheet 1 of 2).

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TM 11-5895-687-34P-2



NOTE:
REFERENCE DESIGNATIONS ARE ABBREVIATED,
PREFIX REFERENCE DESIGNATION WITH IAI.

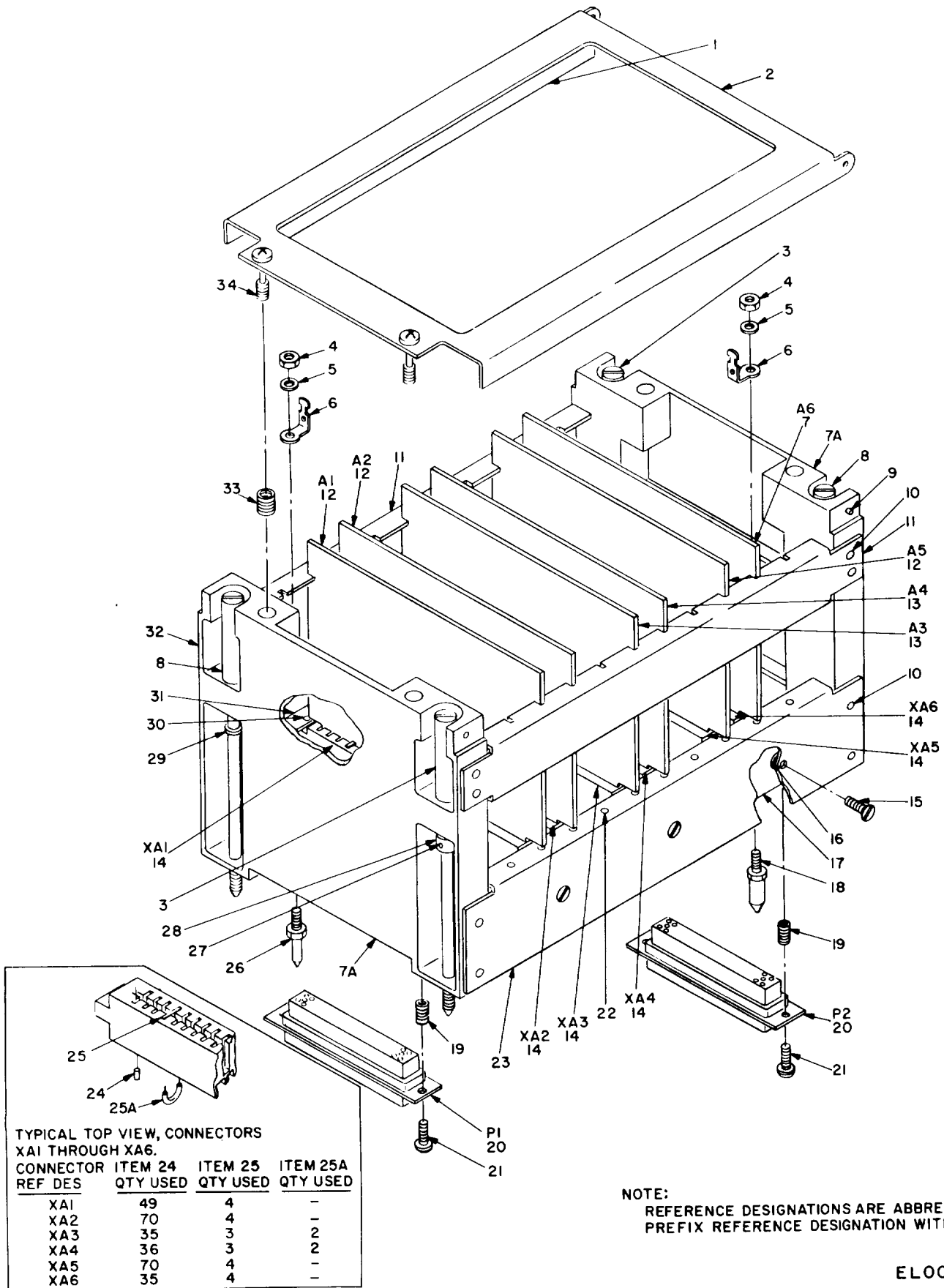
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Figure 1. Signal Processor CP-936/TPX-50
(Sheet 2 of 2).

| SECTION II (1) ILLUSTRATION | | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|-----------------------------------|------------|-------------|-----------------------------|----------------|-------|--|--------------------|--------------------------|
| FIG NO | ITEM NO | SMR CODE | NATIONAL STOCK NUMBER | PART NUMBER | FSCM | DESCRIPTION | USABLE ON CODE U/M | QTY INC IN UNIT |
| | | | | | | GROUP: 0101 SIGNAL PROCESSOR CP-936/TPX-50 | | |
| 1 | 1 | PBFZZ | 5340-00-134-3214 | SMB679630 | 80063 | HANDLE,BOW | EA | 2 |
| 1 | 2 | XDFZZ | | X1988-80 | 71279 | SPACER,SLEEVE | EA | 4 |
| 1 | 3 | XDDZZ | | SMB680176 | 80063 | PLATE,DESIGNATION | EA | 1 |
| 1 | 4 | XDDZZ | | SMD679705-3 | 80063 | PLATE,IDENTIFICATION | EA | 1 |
| 1 | 5 | PAFZZ | 5310-00-933-8118 | MS35338-135 | 96906 | WASHER,LOCK | EA | 15 |
| 1 | 6 | PAFZZ | | MS16210-2 | 96906 | NUT,PLAIN,HEXAGON | EA | 15 |
| 1 | 7 | PAFZZ | 5310-00-933-8120 | MS35338-138 | 96906 | WASHER,LOCK | EA | 5 |
| 1 | 8 | PAFZZ | 5305-00-059-3659 | MS51958-63 | 96906 | SCREW,MACHINE | EA | 4 |
| 1 | 9 | PAODL | 5895-00-410-9954 | SMD680109 | 80063 | MEMORY MODULE | EA | 1 |
| 1 | 10 | PAFZZ | 5895-00-410-9930 | SMC679373 | 80063 | PROGRAM CONNECTOR | EA | 1 |
| 1 | 11 | PAFZZ | 5895-00-410-2424 | SMC680130 | 80063 | PROGRAM CONNECTOR | EA | 1 |
| 1 | 12 | PAFZZ | 5895-00-410-9928 | SMC680131 | 80063 | PROGRAM CONNECTOR | EA | 1 |
| 1 | 13 | PAODD | 5895-00-410-9959 | SMD680108 | 80063 | TARGET ARITHMETIC MODULE | EA | 1 |
| 1 | 14 | PAFZZ | 5895-00-410-9929 | SMC680129 | 80063 | PROGRAM CONNECTOR | EA | 1 |
| 1 | 15 | PAFZZ | 5895-00-410-2426 | SMC679372 | 80063 | PROGRAM CONNECTOR | EA | 1 |
| 1 | 16 | PAFZZ | 5895-00-437-1992 | SMC680132 | 80063 | PROGRAM CONNECTOR | EA | 1 |
| 1 | 17 | PAOFF | 5895-00-410-9950 | SMD679369 | 80063 | POWER SUPPLY MODULE | EA | 1 |
| 1 | 18 | PAODD | 5895-00-410-9953 | SMD680111 | 80063 | TIMING AND SELF TEST MODULE | EA | 1 |
| 1 | 19 | PAODD | 5895-00-410-9958 | SMD680110 | 80063 | FRIEND ARITHMETIC MODULE | EA | 1 |
| 1 | 20 | PAFZZ | | MS16210-4 | 96906 | NUT,PLAIN,HEXAGON | EA | 3 |
| 1 | 21 | PAFZZ | 5310-00-933-8119 | MS35338-137 | 96906 | WASHER,LOCK | EA | 3 |
| 1 | 22 | PAFZZ | 5305-00-066-7327 | MS24693C28 | 96906 | SCREW,MACHINE | EA | 8 |
| 1 | 23 | PAFZZ | 5340-00-168-7243 | 35710 | 83508 | SLIDE SECTION,DRAWER,EXTENSION | PR | 1 |
| 1 | 24 | XDFZZ | | SMB679688 | 80063 | SHIM | EA | 1 |
| 1 | 25 | PAFZZ | 5310-00-812-4292 | NAS671C10 | 80205 | NUT,PLAIN,HEXAGON | EA | 1 |
| 1 | 26 | PAFZZ | 6625-00-437-9116 | MMI2157 | 27197 | METER,ARBITRARY SCALE | EA | 1 |
| 1 | 27 | PAFZZ | 5930-00-914-6458 | MS90310-231 | 96906 | SWITCH,TOGGLE | EA | 1 |
| 1 | 28 | PAFZZ | 5340-00-134-3224 | SMA679719 | 80063 | NUT,PLAIN,ROUND | EA | 8 |
| 1 | 29 | PAFZZ | 5310-00-933-8120 | MS35338-138 | 96906 | WASHER,LOCK | EA | 2 |
| 1 | 30 | PAFZZ | 5305-00-989-4859 | 6141SS1032-7 | 06540 | SCREW,EXTERNALLY RELIEVED BODY | EA | 8 |
| 1 | 31 | PAFZZ | 5999-00-436-9027 | 13980 | 07700 | SHIELDING GASKET,ELECTRONIC | FT | 4 |
| 1 | 32 | XDFFF | 5895-00-410-9927 | SMD679435 | 80063 | PANEL ASSEMBLY,FRONT,PROCESSOR | EA | 1 |
| 1 | 33 | PAFZZ | 6210-00-553-0879 | MS25041-1 | 96906 | LIGHT,INDICATOR | EA | 1 |
| 1 | 34 | PAOZZ | 6240-00-763-7744 | CM387 | 71744 | LAMP,INCANDESCENT | EA | 5 |
| 1 | 35 | PAFZZ | 5925-00-438-0423 | AP1-76-4 | 81541 | CIRCUIT BREAKER | EA | 1 |

| SECTION II (1) ILLUSTRATION | | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|-----------------------------------|------------|-------------|-----------------------------|------------------|-------|---|----------------|--------------------------|
| FIG NO | ITEM NO | SMR CODE | NATIONAL STOCK NUMBER | PART NUMBER | FSCM | DESCRIPTION | USABLE ON CODE | QTY INC IN UNIT |
| 1 | 36 | PAFZZ | | NAS514P832-7B | 80205 | SCREW, MACHINE | EA | 2 |
| 1 | 37 | PAFZZ | 5930-00-501-1749 | MS25089-3C | 96906 | SWITCH, PUSH | EA | 1 |
| 1 | 38 | PAFZZ | 6210-00-542-6393 | MS25041-2 | 96906 | LIGHT, INDICATOR | EA | 4 |
| 1 | 39 | PAFZZ | | NAS1635-3-7P | 80205 | SCREW, MACHINE | EA | 1 |
| 1 | 40 | PAFZZ | | NAS1635-04-12P | 80205 | SCREW, MACHINE | EA | 4 |
| 1 | 41 | PAFZZ | | NAS1635-04-5P | 80205 | SCREW, MACHINE | EA | 6 |
| 1 | 42 | PBFFD | 5895-00-410-2431 | SMD680149 | 80063 | CHASSIS, ELECTRICAL EQUIPMENT | EA | 1 |
| 1 | 43 | PAFZZ | 5935-00-900-3497 | DMMAF50S | 71468 | CONNECTOR, RECEPTACLE, ELECTRICAL | EA | 9 |
| 1 | 44 | PAFZZ | 5305-00-054-5648 | MS51957-14 | 96906 | SCREW, MACHINE | EA | 1 |
| 1 | 45 | PAFZZ | 5310-00-167-0797 | AN960C3 | 88044 | WASHER, FLAT | EA | 20 |
| 1 | 46 | PAFZZ | 5305-00-763-3356 | MS51959-5 | 96906 | SCREW, MACHINE | EA | 16 |
| 1 | 47 | PAFZZ | | MS16210-1 | 96906 | NUT, FLAIN, HEXAGON | EA | 20 |
| 1 | 48 | PAFZZ | 5310-00-928-2690 | MS35338-134 | 96906 | WASHER, LOCK | EA | 20 |
| 1 | 49 | PAFZZ | | RT22C2L103 | 32997 | RESISTOR, VARIABLE, WIRE WOUND | EA | 1 |
| 1 | 50 | PAFZZ | 5305-00-054-5640 | MS51957-6 | 96906 | SCREW, MACHINE | EA | 2 |
| 1 | 51 | PAFZZ | 5305-00-763-3357 | MS51959-6 | 96906 | SCREW, MACHINE | EA | 2 |
| 1 | 52 | XDFZZ | | SMA679785 | 80063 | SPACER, SLEEVE | EA | 2 |
| 1 | 53 | PAFZZ | 5940-00-113-8199 | 2-323934-2 | 00779 | FERRULE, RADIO FREQUENCY CABLE, GROUNDING | EA | 2 |
| 1 | 54 | XDFZZ | | 147-4-032BRASSHT | 79963 | TERMINAL, LUG | EA | 1 |
| 1 | 55 | PAFZZ | 5305-00-054-6649 | MS51957-25 | 96906 | SCREW, MACHINE | EA | 2 |
| 1 | 56 | PAFZZ | 5310-00-929-6395 | MS35338-136 | 96906 | WASHER, LOCK | EA | 2 |
| 1 | 57 | PAFZZ | 5940-00-082-4745 | SE109D02 | 81349 | TERMINAL, STUD | EA | 2 |
| 1 | 58 | XDFZZ | | RM52LHA3207-2-02 | 72962 | NUT, FLAIN, PLATE | EA | 20 |
| 1 | 59 | PAFZZ | 5320-00-117-6938 | MS20426AD3-4 | 96906 | RIVET, SOLID | EA | 20 |
| 1 | 60 | PAFZZ | 5320-00-117-6939 | MS20426AD3-5 | 96906 | RIVET, SOLID | EA | 20 |
| 1 | 61 | PAFZZ | 5310-00-685-3744 | AN960C8 | 88044 | WASHER, FLAT | EA | 1 |
| 1 | 62 | PAFZZ | 5940-00-839-0828 | SE26XF01 | 81349 | TERMINAL, STUD | EA | 1 |
| 1 | 63 | PAFZZ | | SMB679370 | 80063 | RESISTOR ASSEMBLY | EA | 1 |
| 1 | 64 | XDFZZ | 5895-00-498-3965 | SME679434-5 | 80063 | PLATE, GUIDE | EA | 1 |
| 1 | 65 | PAFZZ | 5320-00-117-6816 | MS20470AD3-5 | 96906 | RIVET, SOLID | EA | 8 |
| 1 | 66 | PAFZZ | 5305-00-066-7325 | MS24693C5 | 96906 | SCREW, MACHINE | EA | 7 |
| 1 | 67 | PAFZZ | 5999-00-400-1534 | 66102-1LP | 00779 | CONTACT, ELECTRICAL | EA | 7 |
| 1 | 68 | PAFZZ | 5999-00-400-1534 | 66102-1LP | 00779 | CONTACT, ELECTRICAL | EA | 13 |
| 1 | 69 | PAFZZ | 5305-00-054-5650 | MS51957-16 | 96906 | SCREW, MACHINE | EA | 4 |
| 1 | 70 | XDFZZ | | SMB680217 | 80063 | RETAINER, ELECTRICAL CONNECTOR | EA | 2 |

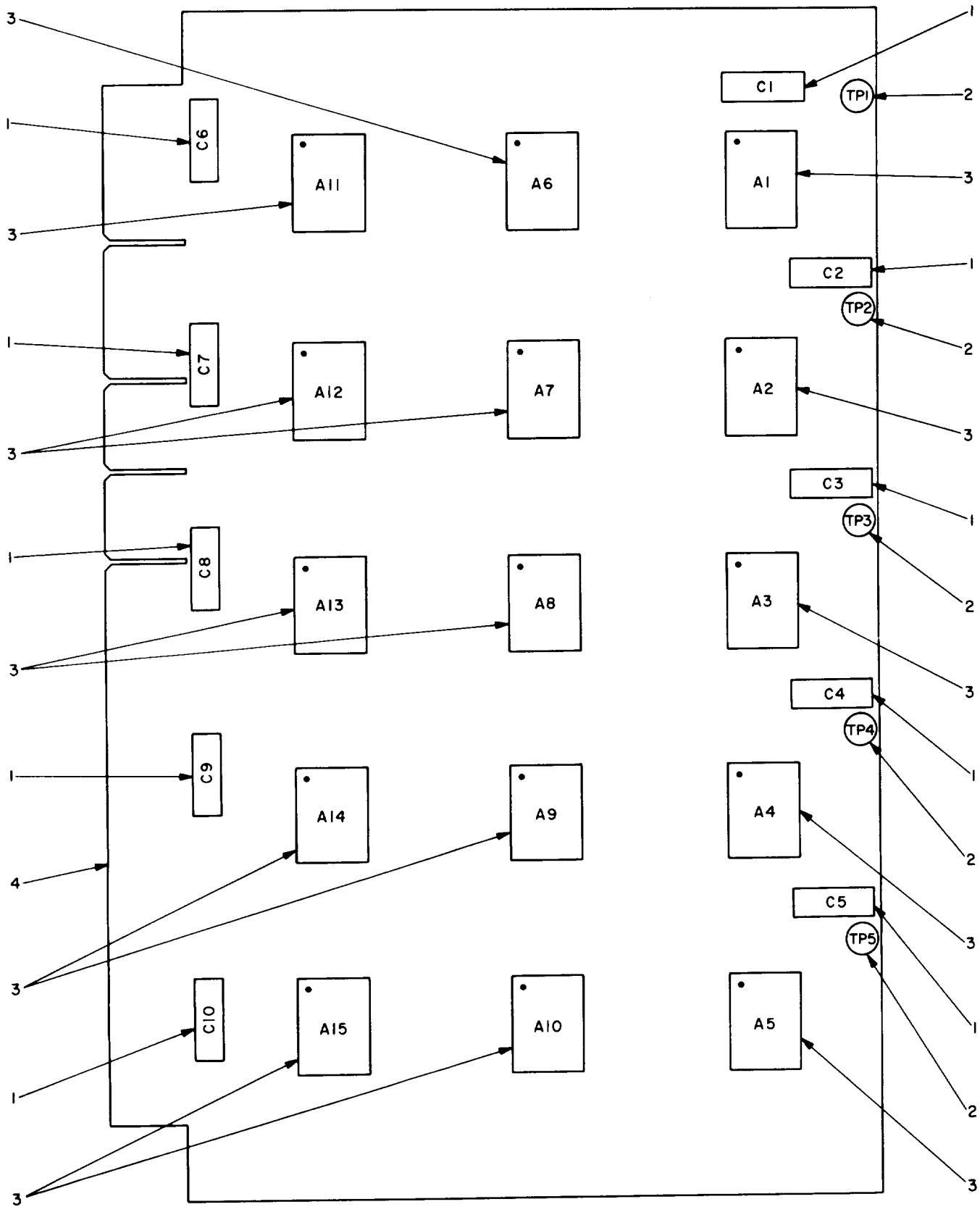
| SECTION II (1) ILLUSTRATION | | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|-----------------------------------|-------------------|-------------|-----------------------------|----------------|-------|--|--------------------|--------------------------|
| (A) FIG NO | (B) ITEM NO | SMR CODE | NATIONAL STOCK NUMBER | PART NUMBER | FSCM | DESCRIPTION | USABLE ON CODE U/M | QTY INC IN UNIT |
| 1 | 71 | PAFZZ | 5935-00-782-6098 | SMC679290 | 80063 | CONNECTOR BODY, RECEPTACLE, ELECTRICAL | EA | 1 |
| 1 | 72 | PAFZZ | 5305-00-088-9671 | MS24693C52 | 96906 | SCREW, MACHINE | EA | 1 |
| 1 | 73 | XDFZZ | 5895-00-437-7278 | SME679434-7 | 80063 | PLATE, GUIDE | EA | 1 |
| 1 | 74 | PAFZZ | 5340-00-927-0120 | MS28137-3 | 96906 | CLIP, SPRING TENSION | EA | 2 |
| 1 | 75 | XDFZZ | | 20196 11-64IN | 61007 | RIVET, TUBULAR | EA | 2 |
| 1 | 76 | PAFZZ | 5915-00-443-3986 | RF3365B | 13619 | FILTER, RADIO FREQUENCY INTERFERENCE | EA | 1 |
| 1 | 77 | XDFZZ | 9390-00-873-1191 | X1270 | 70485 | NONMETALLIC CHANNEL | FT | 1 |
| 1 | 78 | PAFZZ | 5910-00-133-8553 | CL31BN300MPE | 81349 | CAPACITOR, FIXED, ELECTROLYTIC | EA | 2 |
| 1 | 79 | XDFZZ | | 444989 | 88245 | TERMINAL, FEEDTHRU, INSULATED | EA | 2 |
| 1 | 80 | PAFZZ | 5310-00-873-3195 | LAC632-2 | 46384 | NUT, SELF-LOCKING, CLINCH | EA | 8 |
| 1 | 81 | XDFZZ | | SMA680021-5 | 80063 | EYELET, METALLIC | EA | 1 |



EL00D002

Figure 2. Memory Module.

| SECTION II (1) ILLUSTRATION | | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|-----------------------------------|------------|-------------|-----------------------------|------------------------------|-------|--|----------------|--------------------------|
| FIG NO | ITEM NO | SMR CODE | NATIONAL STOCK NUMBER | PART NUMBER | FSCM | DESCRIPTION | USABLE ON CODE | QTY INC IN UNIT |
| | | | | | | GROUP: 010101 MEMORY MODULE | | |
| 2 | 1 | XAFZZ | | SMC679428-2 | 80063 | RUBBER STRIP | EA | 2 |
| 2 | 2 | XDDDD | | SMC679428 | 80063 | COVER ASSEMBLY,MODULE | EA | 1 |
| 2 | 3 | XDDZZ | | SMB679793-1 | 80063 | SCREW,EXTERNALLY RELIEVED BODY | EA | 2 |
| 2 | 4 | PAFZZ | | MS16210-2 | 96906 | NUT,PLAIN,HEXAGON | EA | 2 |
| 2 | 5 | PAFZZ | 5310-00-933-8118 | MS35338-135 | 96906 | WASHER,LOCK | EA | 2 |
| 2 | 6 | XDFZZ | | 147-4-032BRASSHT | 79963 | TERMINAL,LUG | EA | 2 |
| 2 | 7 | PAFDL | 5895-00-411-2602 | SMD680122 | 80063 | CIRCUIT CARD ASSEMBLY | EA | 1 |
| 2 | 7A | XDDZZ | 5895-00-477-3843 | SMD679486 | 80063 | END PLATE,MODULE | EA | 2 |
| 2 | 8 | XDDZZ | | SMB679793-2 | 80063 | SCREW,EXTERNALLY RELIEVED BODY | EA | 2 |
| 2 | 9 | XDDZZ | | MS39086-126 | 96906 | PIN,STRING | EA | 2 |
| 2 | 10 | XDDZZ | 5320-00-117-6938 | MS20426AD3-4 | 96906 | RIVET,SOLID | EA | 16 |
| 2 | 11 | XAFZZ | | SMC679693-2 | 80063 | GUIDE,CARD | EA | 2 |
| 2 | 12 | PAFDL | 5895-00-410-9952 | SMD679335 | 80063 | CIRCUIT CARD ASSEMBLY | EA | 3 |
| 2 | 13 | PAFDL | 5895-00-411-2601 | SMD679334 | 80063 | CIRCUIT CARD ASSEMBLY | EA | 2 |
| 2 | 14 | PAFZZ | 5935-00-905-7595 | SMA679547 | 80063 | CONNECTOR BODY,RECEPTACLE,ELECTRICAL | EA | 6 |
| 2 | 15 | PAFZZ | 5305-00-255-6400 | MS24693C3 | 96906 | SCREW,MACHINE | EA | 6 |
| 2 | 16 | XDDZZ | 5310-00-053-1366 | LKS440-2 | 46384 | NUT,SELF-LOCKING,CLINCH | EA | 3 |
| 2 | 17 | XDDDD | | SMC679288 | 80063 | BRACKET ASSEMBLY,CONNECTOR RETAINING | EA | 2 |
| 2 | 18 | PAFZZ | 5315-00-491-0619 | SMB679625 | 80063 | PIN,SHOULDER,HEADLESS | EA | 1 |
| 2 | 19 | XDDZZ | 5340-00-988-9520 | NI1240-50 | 73957 | INSERT,SCREW THREAD | EA | 4 |
| 2 | 20 | PAFZZ | 5935-00-901-7938 | DDMA50P | 71468 | CONNECTOR,RECEPTACLE,ELECTRICAL | EA | 2 |
| 2 | 21 | PAFZZ | 5305-00-054-5652 | MS51957-18 | 96906 | SCREW,MACHINE | EA | 4 |
| 2 | 22 | XADZZ | | MS20470AD2-5 | 96906 | RIVET,SOLID | EA | 10 |
| 2 | 23 | XADZZ | | SMD679287 | 80063 | BRACKET ASSEMBLY,CONNECTOR LOCATING | EA | 1 |
| 2 | 24 | PADZZ | 5999-00-946-7716 | SMA679544 | 80063 | CONTACT,ELECTRICAL | EA | 295 |
| 2 | 25 | PAFZZ | 5935-00-907-2391 | SMA679545 | 80063 | KEY,POLARIZING,CONNECTOR,ELECTRICAL | EA | 21 |
| 2 | 25A | XDDZZ | | SMA679546-1 | 80063 | CONNECTOR,ELECTRICAL,PWB CLIP,COMMONING,RECEPTACLE | EA | 4 |
| 2 | 26 | PAFZZ | 5315-00-491-0618 | SMB679622 | 80063 | PIN,SHOULDER,HEADLESS | EA | 1 |
| 2 | 27 | XADZZ | | GP5 1-16X5-16INP ASSIVATE | 73957 | PIN,GROOVED,HEADLESS | EA | 2 |
| 2 | 28 | XDDZZ | | SMA679781 | 80063 | COLLAR,SHAFT | EA | 2 |
| 2 | 29 | PAFZZ | 5365-00-725-0969 | MS16633-4018 | 96906 | RING,RETAINING | EA | 2 |
| 2 | 30 | XADZZ | | MS20470AD2-5 | 96906 | RIVET,SOLID | EA | 10 |
| 2 | 31 | XADZZ | | SMD680100 | 80063 | BRACKET ASSEMBLY,CONNECTOR LOCATING | EA | 1 |
| 2 | 32 | XDDDD | 5895-00-437-1959 | SMD680145 | 80063 | MODULE ASSEMBLY,MECHANICAL | EA | 1 |
| 2 | 33 | XDDZZ | 5340-00-061-8908 | NM16432-50 | 73957 | INSERT,SCREW THREAD | EA | 2 |
| 2 | 34 | XBFZZ | 5305-00-145-0922 | SMB679791-5 | 80063 | SCREW,EXTERNALLY RELIEVED BODY | EA | 2 |

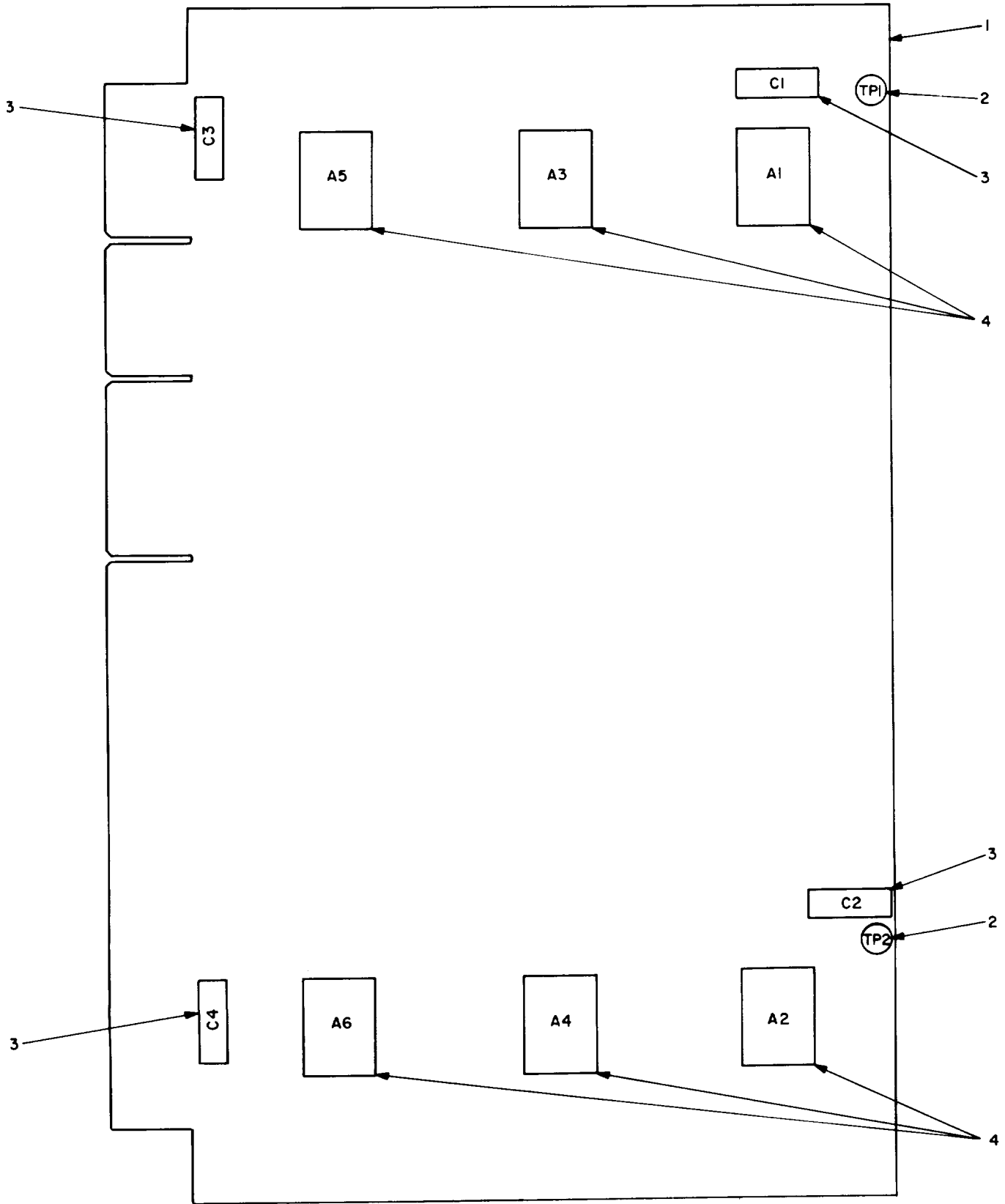


NOTE:
 REFERENCE DESIGNATIONS ARE ABBREVIATED,
 PREFIX REFERENCE DESIGNATION WITH IAIAIA1 OR IAIAIA2 OR IAIAIA5.

ELOOD003

Figure 3. Circuit Card Assembly (Memory)
 (IAIAIA1, IAIAIA2, and IAIAIA5).

| SECTION II (1) ILLUSTRATION | | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|-----------------------------------|------------|-------------|-----------------------------|----------------|-------|---|--------------------|--------------------------|
| FIG NO | ITEM NO | SMR CODE | NATIONAL STOCK NUMBER | PART NUMBER | FSCM | DESCRIPTION | USABLE ON CODE U/M | QTY INC IN UNIT |
| | | | | | | GROUP: 01010101 CIRCUIT CARD ASSEMBLY (MEMORY) (1A1A1A1, 1A1A1A2, AND 1A1A1A5) | | |
| 3 | 1 | PADZZ | 5910-00-847-7288 | CK06BX103K | 81349 | CAPACITOR, FIXED, CERAMIC DIELECTRIC | EA | 10 |
| 3 | 2 | XBDZZ | 5940-00-225-8866 | 2085-2 | 71279 | TERMINAL, STUD | EA | 5 |
| 3 | 3 | PADZZ | 5962-00-247-3401 | SMB679893 | 80063 | MICROCIRCUIT, DIGITAL | EA | 15 |
| 3 | 4 | XADZZ | | SMD679835-1 | 80063 | PRINTED WIRING BOARD | EA | 1 |

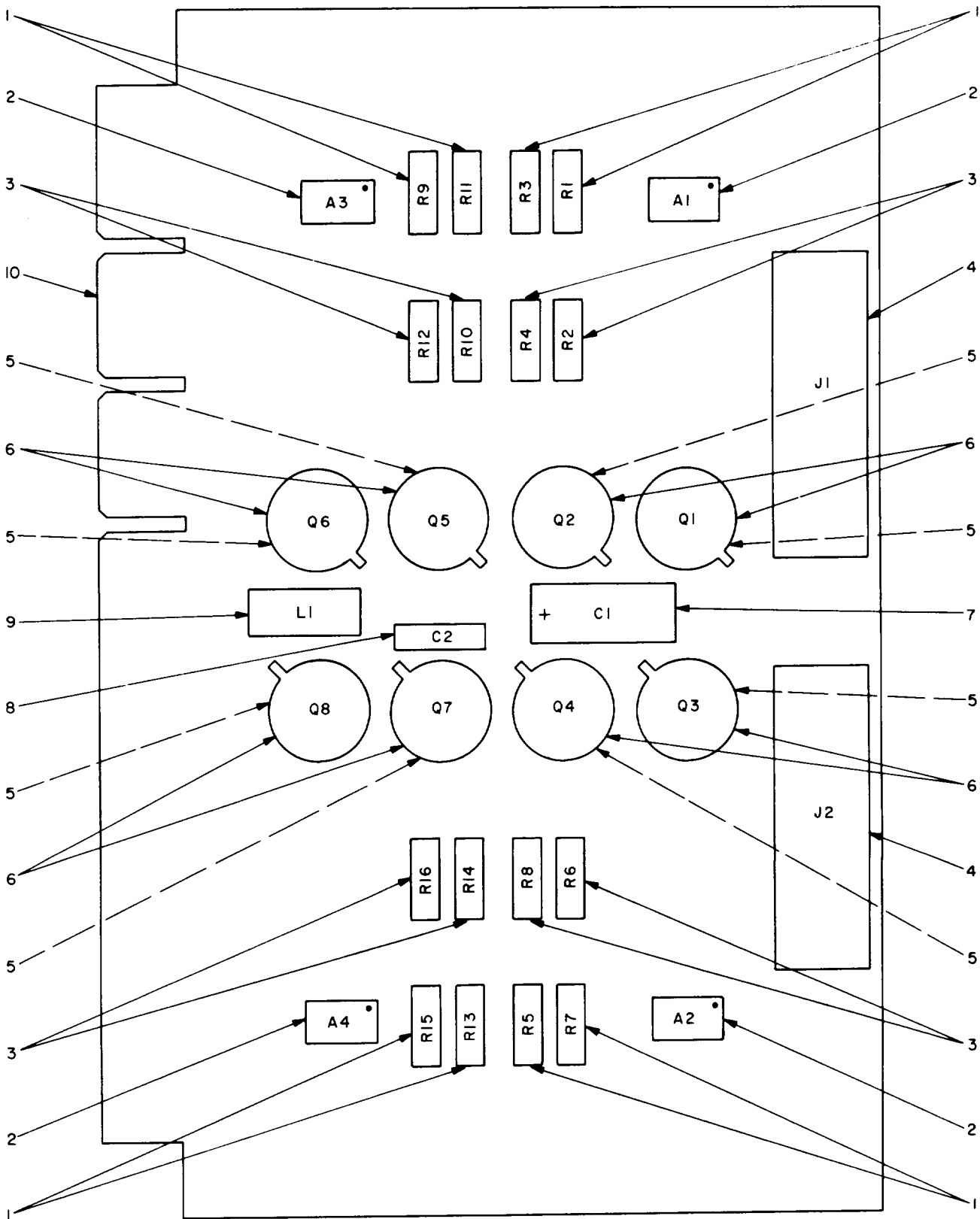


NOTE:
REFERENCE DESIGNATIONS ARE ABBREVIATED,
PREFIX REFERENCE DESIGNATION WITH 1A1A1A6.

ELOO004

Figure 4. Circuit Card Assembly (Memory)
(1A1A1A6).

| SECTION II (1) ILLUSTRATION | | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|-----------------------------------|------------|-------------|-----------------------------|----------------|-------|---|----------------|--------------------------|
| FIG NO | ITEM NO | SMR CODE | NATIONAL STOCK NUMBER | PART NUMBER | FSCM | DESCRIPTION | USABLE ON CODE | QTY INC IN UNIT |
| | | | | | | GROUP: 01010102 CIRCUIT CARD ASSEMBLY (MEMORY) (1A1A1A6) | | |
| 4 | 1 | XADZZ | | SMD679835-2 | 80063 | PRINTED WIRING BOARD | | EA 1 |
| 4 | 2 | XBDZZ | 5940-00-225-8866 | 2085-2 | 71279 | TERMINAL, STUD | | EA 2 |
| 4 | 3 | PADZZ | 5910-00-847-7288 | CK06BX103K | 81349 | CAPACITOR, FIXED, CERAMIC DIELECTRIC | | EA 4 |
| 4 | 4 | PADZZ | 5962-00-247-3401 | SMB679893 | 80063 | MICROCIRCUIT, DIGITAL | | EA 6 |

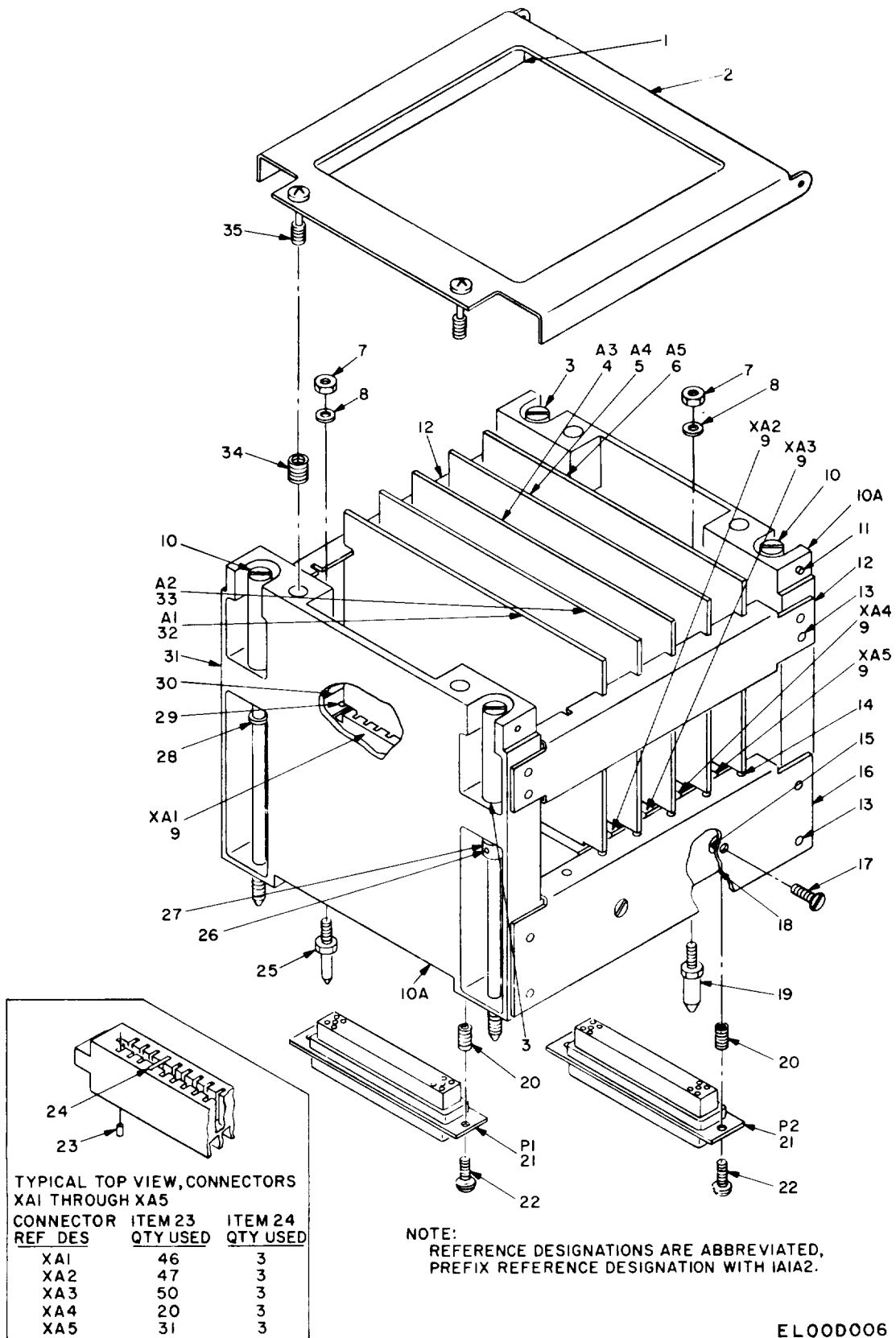


NOTE:
 REFERENCE DESIGNATIONS ARE ABBREVIATED,
 PREFIX REFERENCE DESIGNATION WITH IAIAIA3 OR IAIAIA4.

ELO0005

Figure 5. Circuit Card Assembly (Memory Driver).

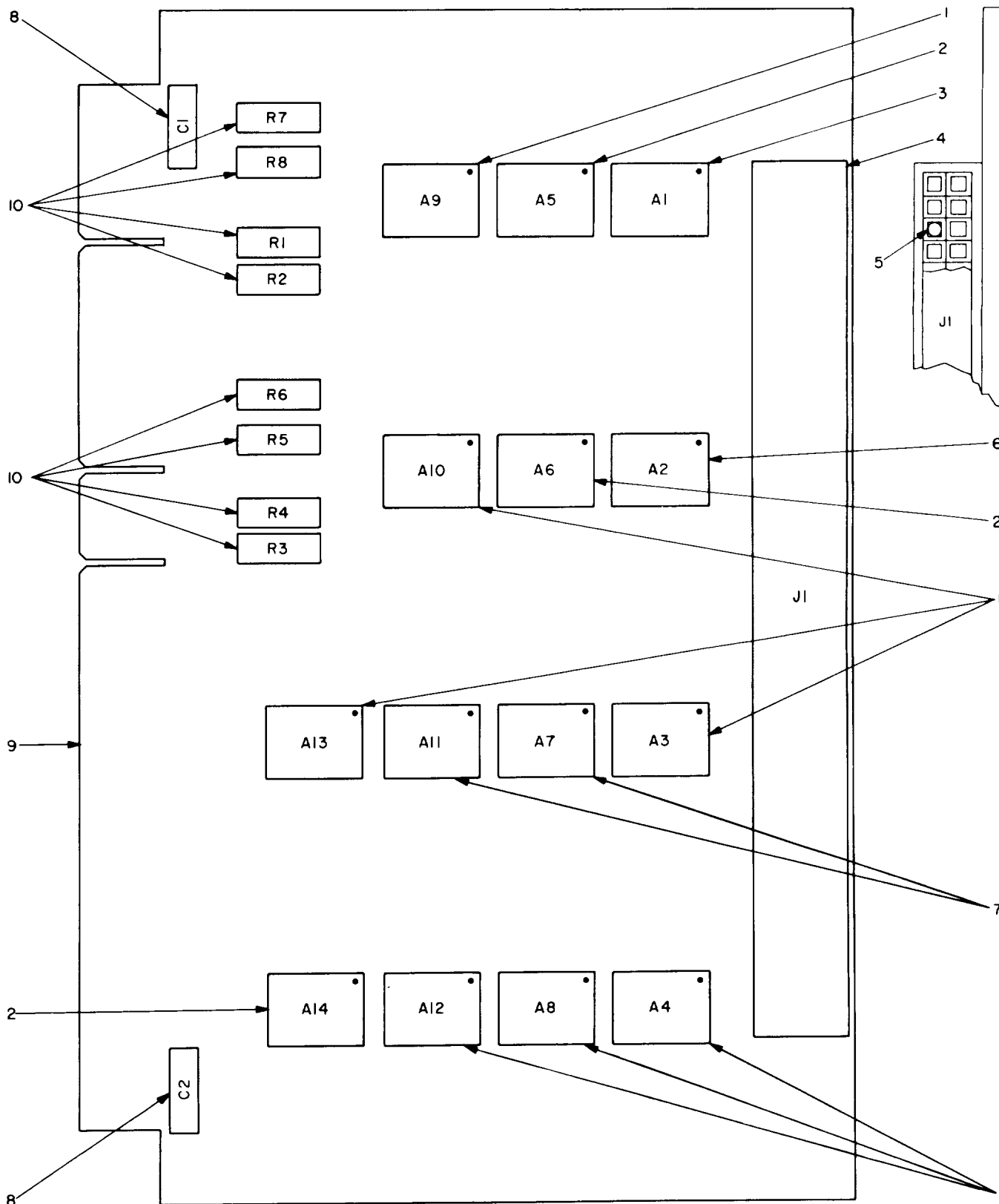
| SECTION II (1) ILLUSTRATION | | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|-----------------------------------|------------|-------------|-----------------------------|----------------|-------|--|--------------------|--------------------------|
| FIG NO | ITEM NO | SMR CODE | NATIONAL STOCK NUMBER | PART NUMBER | FSCM | DESCRIPTION | USABLE ON CODE U/M | QTY INC IN UNIT |
| | | | | | | GROUP: 01010103 CIRCUIT CARD ASSEMBLY (MEMORY DRIVER) | | |
| 5 | 1 | PADZZ | 5905-00-734-5199 | RL07S331J | 81349 | RESISTOR, FIXED, FILM | EA | 8 |
| 5 | 2 | PADZZ | 5962-00-403-6882 | SN5420F11 | 01295 | MICROCIRCUIT, DIGITAL | EA | 4 |
| 5 | 3 | PADZZ | 5905-00-120-9154 | RCR07G471JS | 81349 | RESISTOR, FIXED, COMPOSITION | EA | 8 |
| 5 | 4 | PADZZ | 5895-00-782-5837 | 85928-2 | 00779 | CONNECTOR, RECEPTACLE, ELECTRICAL | EA | 2 |
| 5 | 5 | PADZZ | 5961-00-976-9592 | A100Z0 | 07047 | MOUNTING PAD, ELECTRICAL-ELECTRONIC COMPONENT | EA | 8 |
| 5 | 6 | PADZZ | | 2N3734 | 04713 | TRANSISTOR | EA | 8 |
| 5 | 7 | PADZZ | 5910-00-938-4764 | M39003-01-2030 | 81349 | CAPACITOR, FIXED, ELECTROLYTIC | EA | 1 |
| 5 | 8 | PADZZ | 5910-00-847-7288 | CK06BX103K | 81349 | CAPACITOR, FIXED, CERAMIC DIELECTRIC | EA | 1 |
| 5 | 9 | PADZZ | 5950-00-701-5929 | MS18130-12 | 96906 | COIL, RADIO FREQUENCY | EA | 1 |
| 5 | 10 | XDDZZ | | SMD679834 | 80063 | PRINTED WIRING BOARD | EA | 1 |



EL00D006

Figure 6. Friend Arithmetic Module.

| SECTION II (1) ILLUSTRATION | | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|--|-------------------|-------------|-----------------------------|------------------------------|-------|--------------------------------------|--------------------|--------------------------|
| FIG NO | (B) ITEM NO | SMR CODE | NATIONAL STOCK NUMBER | PART NUMBER | FSCM | DESCRIPTION | USABLE ON CODE U/M | QTY INC IN UNIT |
| GROUP: 010102 FRIEND ARITHMETIC MODULE | | | | | | | | |
| 6 | 1 | PAFZZ | 5330-00-463-4717 | SMC680147-2 | 80063 | RUBBER STRIP | EA | 2 |
| 6 | 2 | XDFFF | | SMC680147 | 80063 | COVER ASSEMBLY,MODULE | EA | 1 |
| 6 | 3 | XDDZZ | | SMB679793-1 | 80063 | SCREW,EXTERNALLY RELIEVED BODY | EA | 2 |
| 6 | 4 | PAFDL | 5895-00-410-9963 | SMD679338 | 80063 | CIRCUIT CARD ASSEMBLY | EA | 1 |
| 6 | 5 | PAFDL | 5895-00-410-9964 | SMD679337 | 80063 | CIRCUIT CARD ASSEMBLY | EA | 1 |
| 6 | 6 | PAFDL | 5895-00-411-2600 | SMD679336 | 80063 | CIRCUIT CARD ASSEMBLY | EA | 1 |
| 6 | 7 | PADZZ | | MS16210-2 | 96906 | NUT,PLAIN,HEXAGON | EA | 2 |
| 6 | 8 | PADZZ | 5310-00-933-8118 | MS35338-135 | 96906 | WASHER,LOCK | EA | 2 |
| 6 | 9 | PADZZ | 5935-00-905-7595 | SMA679547 | 80063 | CONNECTOR BODY,RECEPTACLE,ELECTRICAL | EA | 5 |
| 6 | 10 | XDDZZ | | SMB679793-2 | 80063 | SCREW,EXTERNALLY RELIEVED BODY | EA | 2 |
| 6 | 10A | XDDZZ | 5895-00-477-3843 | SMD679486 | 80063 | END PLATE,MODULE | EA | 2 |
| 6 | 11 | XDDZZ | | MS39086-126 | 96906 | PIN,STRING | EA | 2 |
| 6 | 12 | XADZZ | | SMC679693-5 | 80063 | GUIDE,CARD | EA | 2 |
| 6 | 13 | XDDZZ | 5320-00-117-6938 | MS20426AD3-4 | 96906 | RIVET,SOLID | EA | 16 |
| 6 | 14 | XADZZ | | MS20470AD2-5 | 96906 | RIVET,SOLID | EA | 6 |
| 6 | 15 | XDFZZ | 5310-00-053-1366 | LKS440-2 | 46384 | NUT,SELF-LOCKING,CLINCH | EA | 2 |
| 6 | 16 | XADZZ | | SMD680098 | 80063 | BRACKET ASSEMBLY,CONNECTOR LOCATING | EA | 1 |
| 6 | 17 | PADZZ | 5305-00-255-6400 | MS24693C3 | 96906 | SCREW,MACHINE | EA | 4 |
| 6 | 18 | XDFFF | | SMC680105 | 80063 | BRACKET ASSEMBLY,CONNECTOR RETAINING | EA | 2 |
| 6 | 19 | PADZZ | 5315-00-491-0619 | SMB679625 | 80063 | PIN,SHOULDER,HEADLESS | EA | 1 |
| 6 | 20 | XDDZZ | 5340-00-988-9520 | N11240-50 | 73957 | INSERT,SCREW THREAD | EA | 4 |
| 6 | 21 | PADZZ | 5935-00-901-7938 | DDMA50P | 71468 | CONNECTOR,RECEPTACLE,ELECTRICAL | EA | 2 |
| 6 | 22 | PADZZ | 5305-00-054-5652 | MS51957-18 | 96906 | SCREW,MACHINE | EA | 4 |
| 6 | 23 | PAFZZ | 5999-00-946-7716 | SMA679544 | 80063 | CONTACT,ELECTRICAL | EA | 194 |
| 6 | 24 | PADZZ | 5935-00-907-2391 | SMA679545 | 80063 | KEY,POLARIZING,CONNECTOR,ELECTRICAL | EA | 15 |
| 6 | 25 | PADZZ | 5315-00-491-0618 | SMB679622 | 80063 | PIN,SHOULDER,HEADLESS | EA | 1 |
| 6 | 26 | XDDZZ | | GP5 1-16X5-16INP ASSIVATE | 73957 | PIN,GROOVED,HEADLESS | EA | 2 |
| 6 | 27 | XDDZZ | | SMA679781 | 80063 | COLLAR,SHAFT | EA | 2 |
| 6 | 28 | PAFZZ | 5365-00-725-0969 | MS16633-4018 | 96906 | RING,RETAINING | EA | 2 |
| 6 | 29 | XADZZ | | MS20470AD2-5 | 96906 | RIVET,SOLID | EA | 6 |
| 6 | 30 | XADZZ | | SMD680102 | 80063 | BRACKET ASSEMBLY,CONNECTOR LOCATING | EA | 1 |
| 6 | 31 | XDDDD | 5895-00-437-1947 | SMD680143 | 80063 | MODULE ASSEMBLY,MECHANICAL | EA | 1 |
| 6 | 32 | PAFDL | 5895-00-410-9961 | SMD679340 | 80063 | CIRCUIT CARD ASSEMBLY | EA | 1 |
| 6 | 33 | PAFDL | 5895-00-410-9962 | SMD679339 | 80063 | CIRCUIT CARD ASSEMBLY | EA | 1 |
| 6 | 34 | XDDZZ | 5340-00-061-8908 | NM16432-50 | 73957 | INSERT,SCREW THREAD | EA | 2 |
| 6 | 35 | PAFZZ | 5305-00-145-0922 | SMB679791-5 | 80063 | SCREW,EXTERNALLY RELIEVED BODY | EA | 2 |

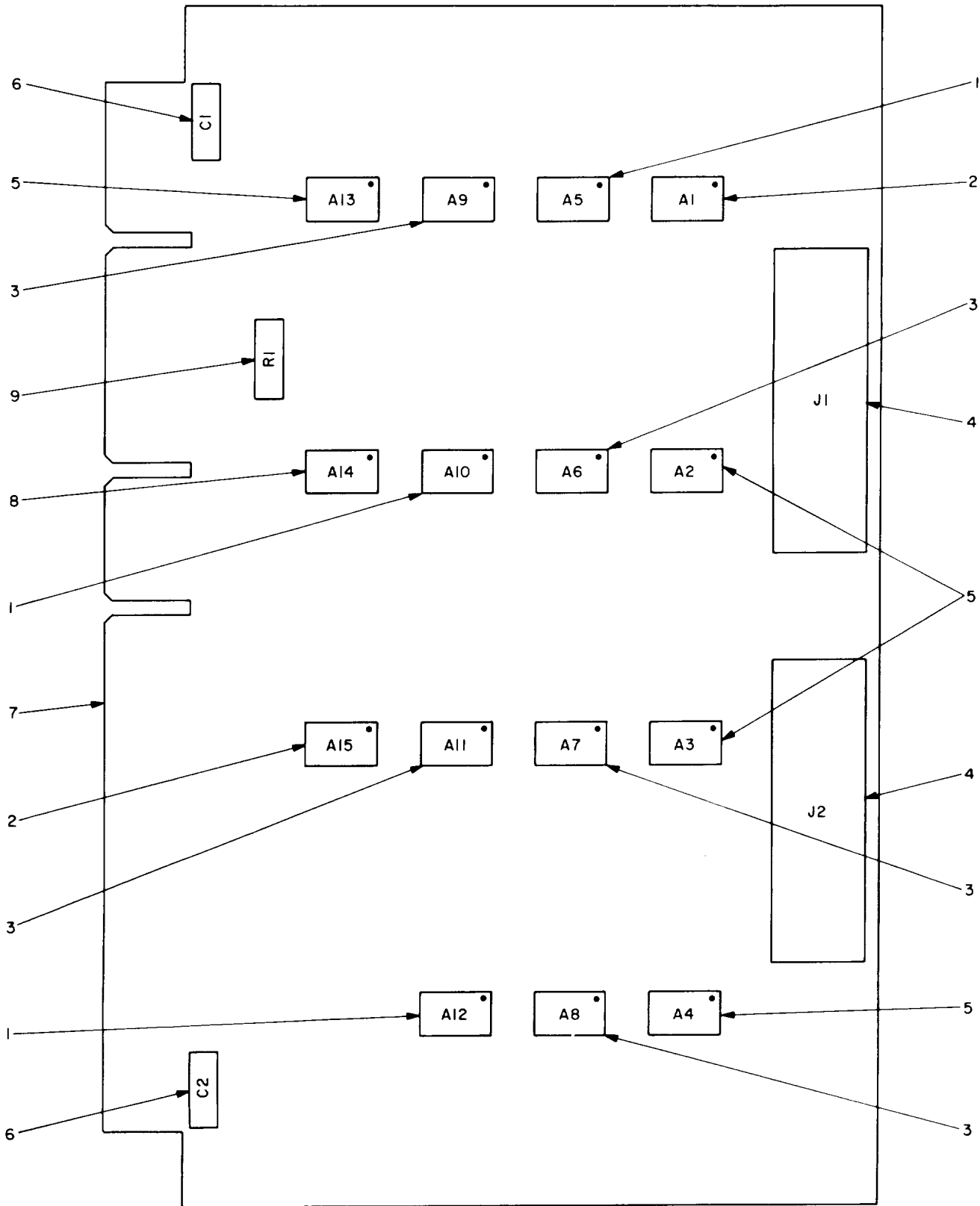


NOTE:
 REFERENCE DESIGNATIONS ARE ABBREVIATED,
 PREFIX REFERENCE DESIGNATION WITH 1A1A2A1.

ELOOD007

Figure 7. Circuit Card Assembly (Interrogation Counter).

| SECTION II (1) ILLUSTRATION | | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|-----------------------------------|------------|-------------|-----------------------------|----------------|-------|--|--------------------|--------------------------|
| FIG NO | ITEM NO | SMR CODE | NATIONAL STOCK NUMBER | PART NUMBER | FSCM | DESCRIPTION | USABLE ON CODE U/M | QTY INC IN UNIT |
| | | | | | | GROUP: 01010201 CIRCUIT CARD ASSEMBLY (INTERROGATION COUNTER) | | |
| 7 | 1 | PADZZ | 5962-00-782-5447 | SN5400F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 7 |
| 7 | 2 | PADZZ | 5962-00-130-8933 | SN5474F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 3 |
| 7 | 3 | PADZZ | 5962-00-410-2398 | SN5440F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 1 |
| 7 | 4 | PADZZ | 5935-00-436-3942 | 2-85930-4 | 00779 | CONNECTOR,RECEPTACLE,ELECTRICAL | EA | 1 |
| 7 | 5 | PADZZ | 5935-00-426-3083 | 86286-1 | 00779 | KEY,POLARIZING | EA | 1 |
| 7 | 6 | PADZZ | 5962-00-403-6882 | SN5420F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 1 |
| 7 | 7 | PADZZ | 5962-00-403-6884 | SN5410F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 2 |
| 7 | 8 | PADZZ | 5910-00-904-8527 | WM12BX103K | 96733 | CAPACITOR,FIXED,CERAMIC DIELECTRIC | EA | 2 |
| 7 | 9 | XDDZZ | | SMD679840 | 80063 | PRINTED WIRING BOARD | EA | 1 |
| 7 | 10 | PADZZ | 5905-00-120-9154 | RCR07G471JS | 81349 | RESISTOR,FIXED,COMPOSITION | EA | 8 |

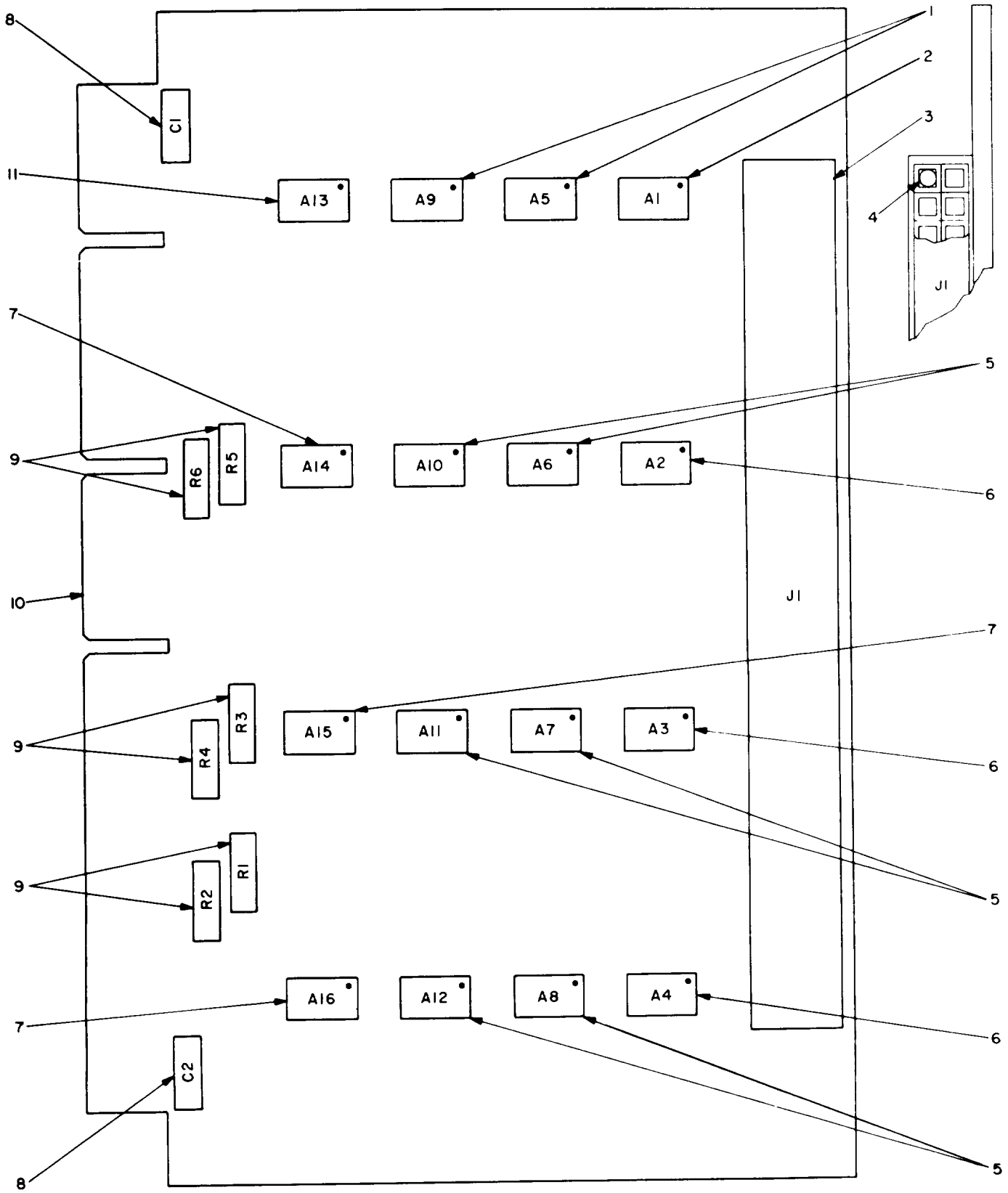


NOTE:
REFERENCE DESIGNATIONS ARE ABBREVIATED,
PREFIX REFERENCE DESIGNATION WITH 1A1A2A2.

ELO0D008

Figure 8. Circuit Card Assembly (Friend Output).

| SECTION II (1) ILLUSTRATION | | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|---------------------------------------|------------|-------------|-----------------------------|----------------|-------|------------------------------------|--------------------|--------------------------|
| FIG NO | ITEM NO | SMR CODE | NATIONAL STOCK NUMBER | PART NUMBER | FSCM | DESCRIPTION | USABLE ON CODE U/M | QTY INC IN UNIT |
| GROUP: 01010202 CIRCUIT CARD ASSEMBLY | | | | | | | | |
| (FRIEND OUTPUT) | | | | | | | | |
| 8 | 1 | PADZZ | 5962-00-782-5447 | SN5400F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 3 |
| 8 | 2 | PADZZ | 5962-00-410-2398 | SN5440F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 2 |
| 8 | 3 | PADZZ | 5962-00-403-6884 | SN5410F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 5 |
| 8 | 4 | PADZZ | 5895-00-782-5837 | 85928-2 | 00779 | CONNECTOR,RECEPTACLE,ELECTRICAL | EA | 2 |
| 8 | 5 | PADZZ | 5962-00-403-6882 | SN5420F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 4 |
| 8 | 6 | PADZZ | 5910-00-904-8527 | WM12BX103K | 96733 | CAPACITOR,FIXED,CERAMIC DIELECTRIC | EA | 2 |
| 8 | 7 | XDDZZ | | SMD679839 | 80063 | PRINTED WIRING BOARD | EA | 1 |
| 8 | 8 | PADZZ | 5962-00-130-8933 | SN5474F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 1 |
| 8 | 9 | PADZZ | 5905-00-120-9154 | RCR07G471JS | 81349 | RESISTOR,FIXED,COMPOSITION | EA | 1 |

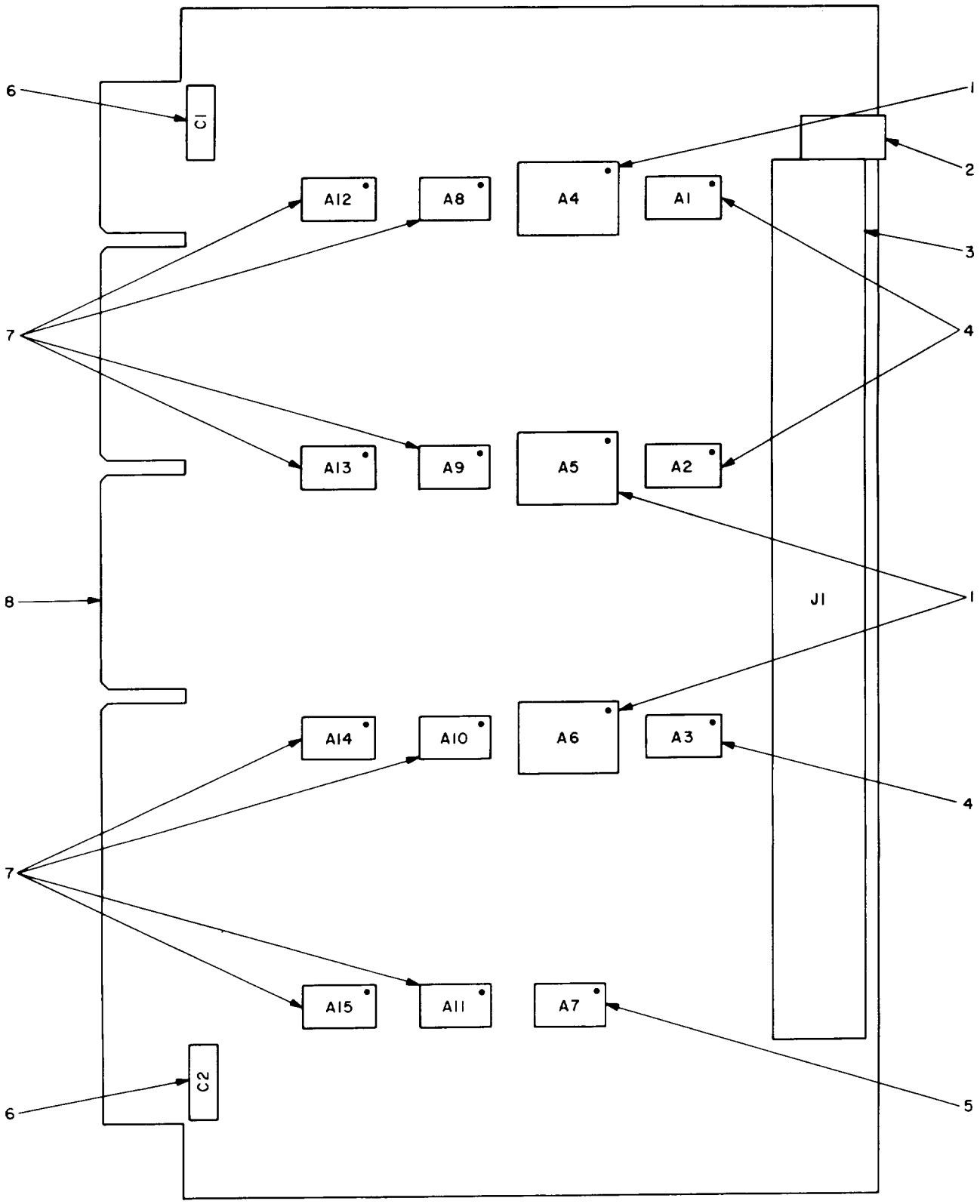


NOTE:
 REFERENCE DESIGNATIONS ARE ABBREVIATED,
 PREFIX REFERENCE DESIGNATION WITH 1A1A2A3.

ELO0009

Figure 9. Circuit Card Assembly (Friend Arithmetic Processor).

| SECTION II (1) ILLUSTRATION | | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|-----------------------------------|------------|-------------|-----------------------------|----------------|-------|---------------------------------------|--------------------|--------------------------|
| FIG NO | ITEM NO | SMR CODE | NATIONAL STOCK NUMBER | PART NUMBER | FSCM | DESCRIPTION | USABLE ON CODE U/M | QTY INC IN UNIT |
| | | | | | | GROUP: 01010203 CIRCUIT CARD ASSEMBLY | | |
| | | | | | | (FRIEND ARITHMETIC PROCESSOR) | | |
| 9 | 1 | PADZZ | 5962-00-782-5447 | SN5400F11 | 01295 | MIRCROCIRCUIT,DIGITAL | EA | 2 |
| 9 | 2 | PADZZ | 5962-00-403-6882 | SN5420F11 | 01295 | MIRCROCIRCUIT,DIGITAL | EA | 1 |
| 9 | 3 | PADZZ | 5935-00-436-3942 | 2-85930-4 | 00779 | CONNECTOR,RECEPTACLE,ELECTRICAL | EA | 1 |
| 9 | 4 | PADZZ | 5935-00-426-3083 | 86286-1 | 00779 | KEY,POLARIZING | EA | 1 |
| 9 | 5 | PADZZ | 5962-00-403-6871 | SN5480F11 | 01295 | MIRCROCIRCUIT,DIGITAL | EA | 6 |
| 9 | 6 | PADZZ | 5962-00-403-6866 | SN5430F11 | 01295 | MIRCROCIRCUIT,DIGITAL | EA | 3 |
| 9 | 7 | PADZZ | 5962-00-130-8933 | SN5474F11 | 01295 | MIRCROCIRCUIT,DIGITAL | EA | 3 |
| 9 | 8 | PADZZ | 5910-00-904-8527 | WM12BX103K | 96733 | CAPACITOR,FIXED,CERAMIC DIELECTRIC | EA | 2 |
| 9 | 9 | PADZZ | 5905-00-120-9154 | RCR07G471JS | 81349 | RESISTOR,FIXED,COMPOSITION | EA | 6 |
| 9 | 10 | XDDZ | | SMD679838 | 80063 | PRINTED WIRING BOARD | EA | 1 |
| 9 | 11 | PADZZ | 5962-00-403-6884 | SN5410F11 | 01295 | MIRCROCIRCUIT,DIGITAL | EA | 1 |

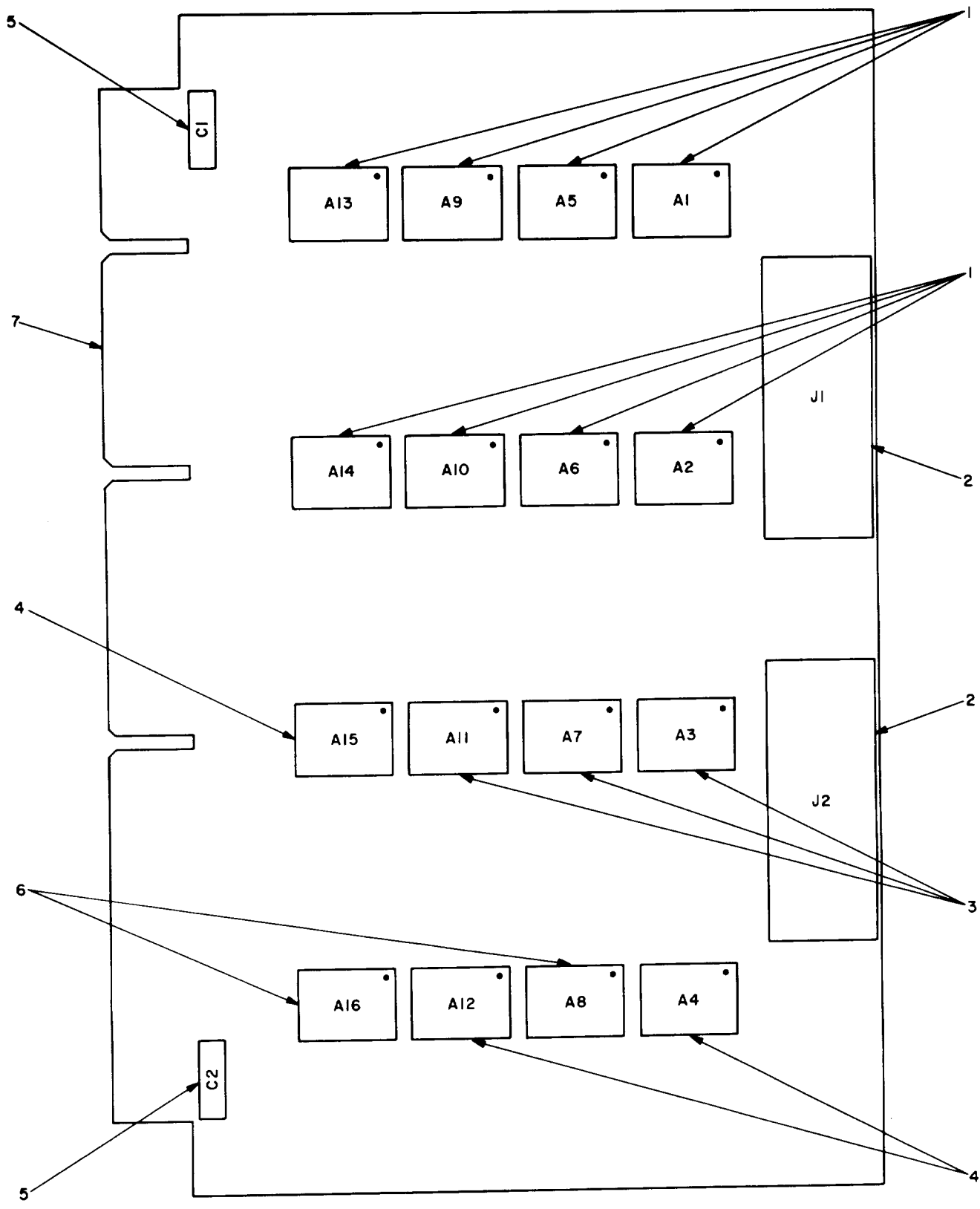


NOTE:
 REFERENCE DESIGNATIONS ARE ABBREVIATED,
 PREFIX REFERENCE DESIGNATION WITH 1A1A2A4.

ELO00010

Figure 10. Circuit Card Assembly (Friend Weighting).

| SECTION II (1) ILLUSTRATION (A) (B) FIG ITEM NO NO | | (2) SMR CODE | (3) NATIONAL STOCK NUMBER | (4) PART NUMBER | (5) FSCM | (6) DESCRIPTION | (7) USABLE ON CODE U/M | (8) QTY INC IN UNIT |
|---|---|--------------------|------------------------------------|-----------------------|-------------|---|---------------------------|---------------------------------|
| | | | | | | GROUP: 01010204 CIRCUIT CARD ASSEMBLY (FRIEND WEIGHTING) | | |
| 10 | 1 | PADZZ | 5962-00-055-7128 | SMC679925-1 | 80063 | MICROCIRCUIT,DIGITAL | EA | 3 |
| 10 | 2 | PADZZ | | SMA679731 | 80063 | BLOCK,KEYING | EA | 1 |
| 10 | 3 | PADZZ | 5935-00-436-3942 | 2-85930-4 | 00779 | CONNECTOR,RECEPTACLE,ELECTRICAL | EA | 1 |
| 10 | 4 | PADZZ | | C8532J | 18324 | MICROCIRCUIT,DIGITAL | EA | 3 |
| 10 | 5 | PADZZ | 5962-00-782-5447 | SN5400F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 1 |
| 10 | 6 | PADZZ | 5910-00-904-8527 | WM12BX103K | 96733 | CAPACITOR,FIXED,CERAMIC DIELECTRIC | EA | 2 |
| 10 | 7 | PADZZ | 5962-00-403-6866 | SN5430F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 8 |
| 10 | 8 | XDDZZ | | SMD679837 | 80063 | PRINTED WIRING BOARD | EA | 1 |

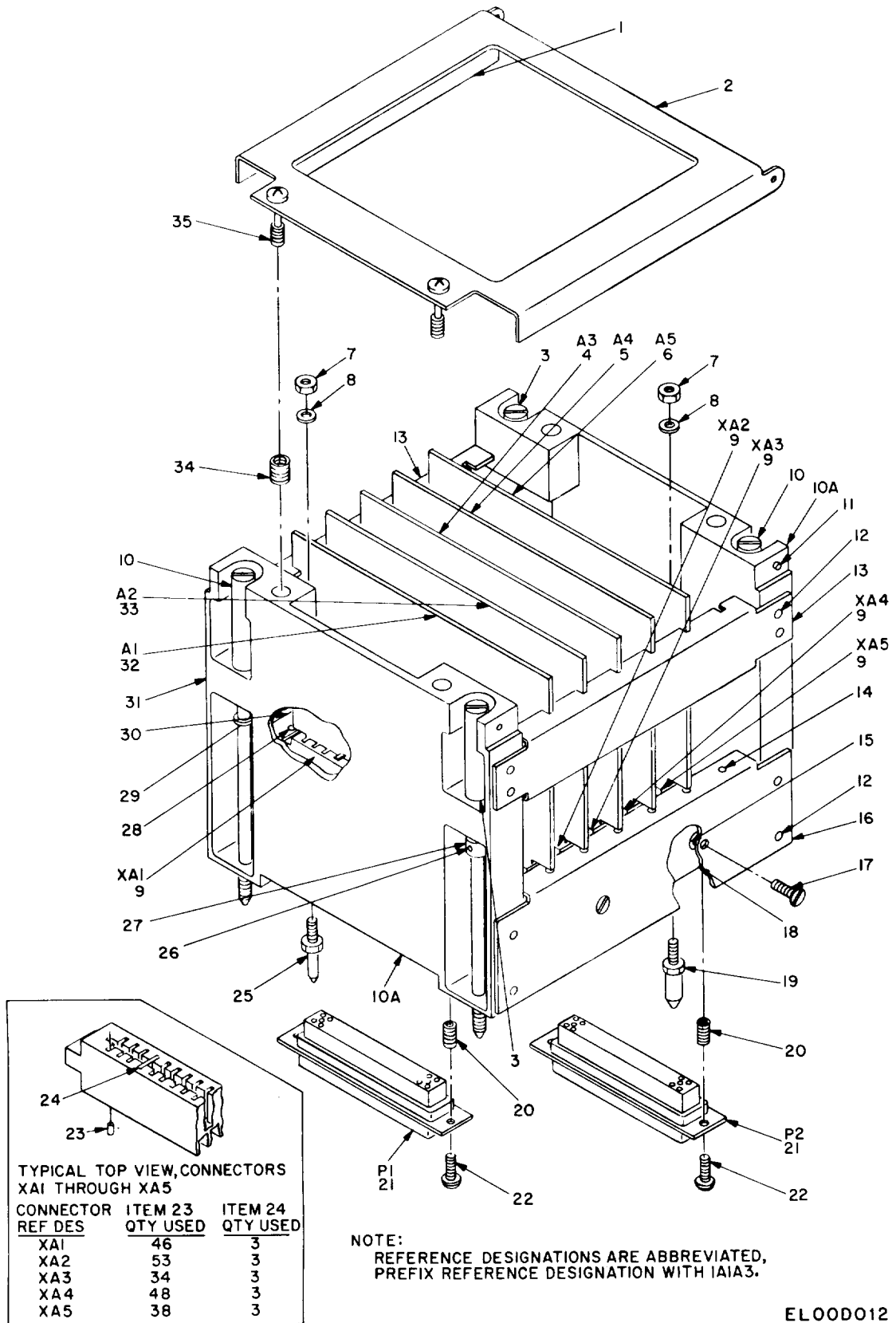


NOTE:
 REFERENCE DESIGNATIONS ARE ABBREVIATED,
 PREFIX REFERENCE DESIGNATION WITH 1A1A2A5.

ELO00011

Figure 11. Circuit Card Assembly (Spoof Counter).

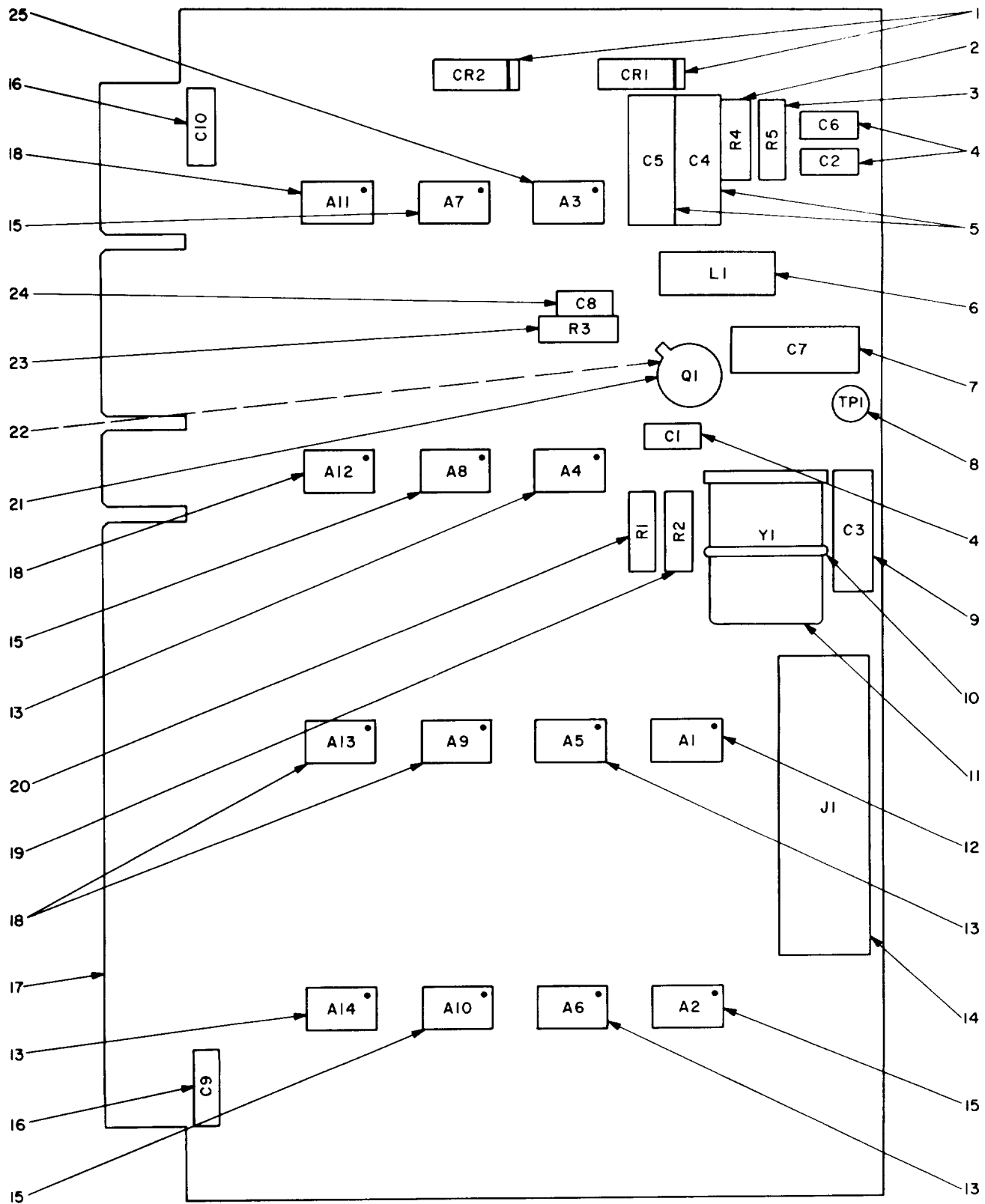
| SECTION II (1) ILLUSTRATION | | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|-----------------------------------|------------|-------------|-----------------------------|----------------|-------|--|----------------|--------------------------|
| FIG NO | ITEM NO | SMR CODE | NATIONAL STOCK NUMBER | PART NUMBER | FSCM | DESCRIPTION | USABLE ON CODE | QTY INC IN UNIT |
| | | | | | | GROUP: 01010205 CIRCUIT CARD ASSEMBLY (SPOOF COUNTER) | | |
| 11 | 1 | PADZZ | 5962-00-130-8933 | SN5474F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 8 |
| 11 | 2 | PADZZ | 5895-00-782-5837 | 85928-2 | 00779 | CONNECTOR,RECEPTACLE,ELECTRICAL | EA | 2 |
| 11 | 3 | PADZZ | | SN5473F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 3 |
| 11 | 4 | PADZZ | 5962-00-403-6884 | SN5410F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 3 |
| 11 | 5 | PADZZ | 5910-00-904-8527 | WM12BX103K | 96733 | CAPACITOR, FIXED,CERAMIC DIELECTRIC | EA | 2 |
| 11 | 6 | PADZZ | 5962-00-782-5447 | SN5400F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 2 |
| 11 | 7 | XDDZZ | | SMD679836 | 80063 | PRINTED WIRING BOARD | EA | 1 |



ELO00012

Figure 12. Timing and Self-Test Module.

| SECTION II (1) ILLUSTRATION | | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|---|------------|-------------|-----------------------------|------------------------------|-------|--------------------------------------|----------------|--------------------------|
| FIG NO | ITEM NO | SMR CODE | NATIONAL STOCK NUMBER | PART NUMBER | FSCM | DESCRIPTION | USABLE ON CODE | QTY INC IN UNIT |
| GROUP: 010103 TIMING AND SELF-TEST MODULE | | | | | | | | |
| 12 | 1 | PAFZZ | 5330-00-463-4717 | SMC680147-2 | 80063 | RUBBER STRIP | EA | 2 |
| 12 | 2 | XDFFF | | SMC680147 | 80063 | COVER ASSEMBLY,MODULE | EA | 1 |
| 12 | 3 | XDDZZ | | SMB679793-1 | 80063 | SCREW,EXTERNALLY RELIEVED BODY | EA | 2 |
| 12 | 4 | PAFDL | 5895-00-411-2604 | SMD679345 | 80063 | CIRCUIT CARD ASSEMBLY | EA | 1 |
| 12 | 5 | PAFDL | 5895-00-411-2605 | SMD679346 | 80063 | CIRCUIT CARD ASSEMBLY | EA | 1 |
| 12 | 6 | PAFDL | 5895-00-411-2606 | SMD679347 | 80063 | CIRCUIT CARD ASSEMBLY | EA | 1 |
| 12 | 7 | PAFZZ | | MS16210-2 | 96906 | NUT,PLAIN,HEXAGON | EA | 2 |
| 12 | 8 | PAFZZ | 5310-00-933-8118 | MS35338-135 | 96906 | WASHER,LOCK | EA | 2 |
| 12 | 9 | PAFZZ | 5935-00-905-7595 | SMA679547 | 80063 | CONNECTOR BODY,RECEPTACLE,ELECTRICAL | EA | 5 |
| 12 | 10 | XDDZZ | | SMB679793-2 | 80063 | SCREW,EXTERNALLY RELIEVED BODY | EA | 2 |
| 12 | 10A | XDDZZ | 5895-00-477-3843 | SMD679486 | 80063 | END PLATE,MODULE | EA | 2 |
| 12 | 11 | XDDZZ | | MS39086-126 | 96906 | PIN,SPRING | EA | 2 |
| 12 | 12 | XDDZZ | 5320-00-117-6938 | MS20426AD3-4 | 96906 | RIVET,SOLID | EA | 16 |
| 12 | 13 | XADZZ | | SMC679693-5 | 80063 | GUIDE,CARD | EA | 2 |
| 12 | 14 | XADZZ | | MS20470AD2-5 | 96906 | RIVET,SOLID | EA | 6 |
| 12 | 15 | PAFZZ | 5310-00-053-1366 | LKS440-2 | 46384 | NUT,SELF-LOCKING,CLINCH | EA | 2 |
| 12 | 16 | XADZZ | | SMD680098 | 80063 | BRACKET ASSEMBLY,CONNECTOR LOCATING | EA | 1 |
| 12 | 17 | PAFZZ | 5305-00-255-6400 | MS24693C3 | 96906 | SCREW,MACHINE | EA | 4 |
| 12 | 18 | XDFFF | | SMC680105 | 80063 | BRACKET ASSEMBLY,CONNECTOR RETAINING | EA | 2 |
| 12 | 19 | PAFZZ | 5315-00-491-0619 | SMB679625 | 80063 | PIN,SHOULDER,HEADLESS | EA | 1 |
| 12 | 20 | XDDZZ | 5340-00-988-9520 | N11240-50 | 73957 | INSERT,SCREW THREAD | EA | 4 |
| 12 | 21 | PAFZZ | 5935-00-901-7938 | DDMA50P | 71468 | CONNECTOR,RECEPTACLE,ELECTRICAL | EA | 2 |
| 12 | 22 | PAFZZ | 5305-00-054-5652 | MS51957-18 | 96906 | SCREW,MACHINE | EA | 4 |
| 12 | 23 | PAFZZ | 5999-00-946-7716 | SMA679544 | 80063 | CONTACT,ELECTRICAL | EA | 219 |
| 12 | 24 | PAFZZ | 5935-00-907-2391 | SMA679545 | 80063 | KEY,POLARIZAING,CONNECTOR,ELECTRICAL | EA | 15 |
| 12 | 25 | PAFZZ | 5315-00-491-0618 | SMB679622 | 80063 | PIN,SHOULDER,HEADLESS | EA | 1 |
| 12 | 26 | XDDZZ | | GP5-1-16X5-16INP ASSIVATE | 73957 | PIN,GROOVED,HEADLESS | EA | 2 |
| 12 | 27 | XDDZZ | | SMA679781 | 80063 | COLLAR, SHAFT | EA | 2 |
| 12 | 28 | XADZZ | | MS20470AD2-5 | 96906 | RIVET,SOLID | EA | 6 |
| 12 | 29 | PAFZZ | 5365-00-725-0969 | MS16633-4018 | 96906 | RING,RETAINING | EA | 2 |
| 12 | 30 | XADZZ | | SMD680102 | 80063 | BRACKET ASSEMBLY,CONNECTOR LOCATING | EA | 1 |
| 12 | 31 | XDDDD | 5895-00-437-1947 | SMD680143 | 80063 | MODULE ASSEMBLY,MECHANICAL | EA | 1 |
| 12 | 32 | PAFDL | 5895-00-444-2295 | SMD679332 | 80063 | CIRCUIT CARD ASSEMBLY | EA | 1 |
| 12 | 33 | PAFDL | 5895-00-409-0984 | SMD679344 | 80063 | CIRCUIT CARD ASSEMBLY | EA | 1 |
| 12 | 34 | XDDZZ | 5340-00-061-8908 | NM16432-50 | 73957 | INSERT,SCREW THREAD | EA | 2 |
| 12 | 35 | PAFZZ | 5305-00-145-0922 | SMB679791-5 | 80063 | SCREW,EXTERNALLY RELIEVED BODY | EA | 2 |

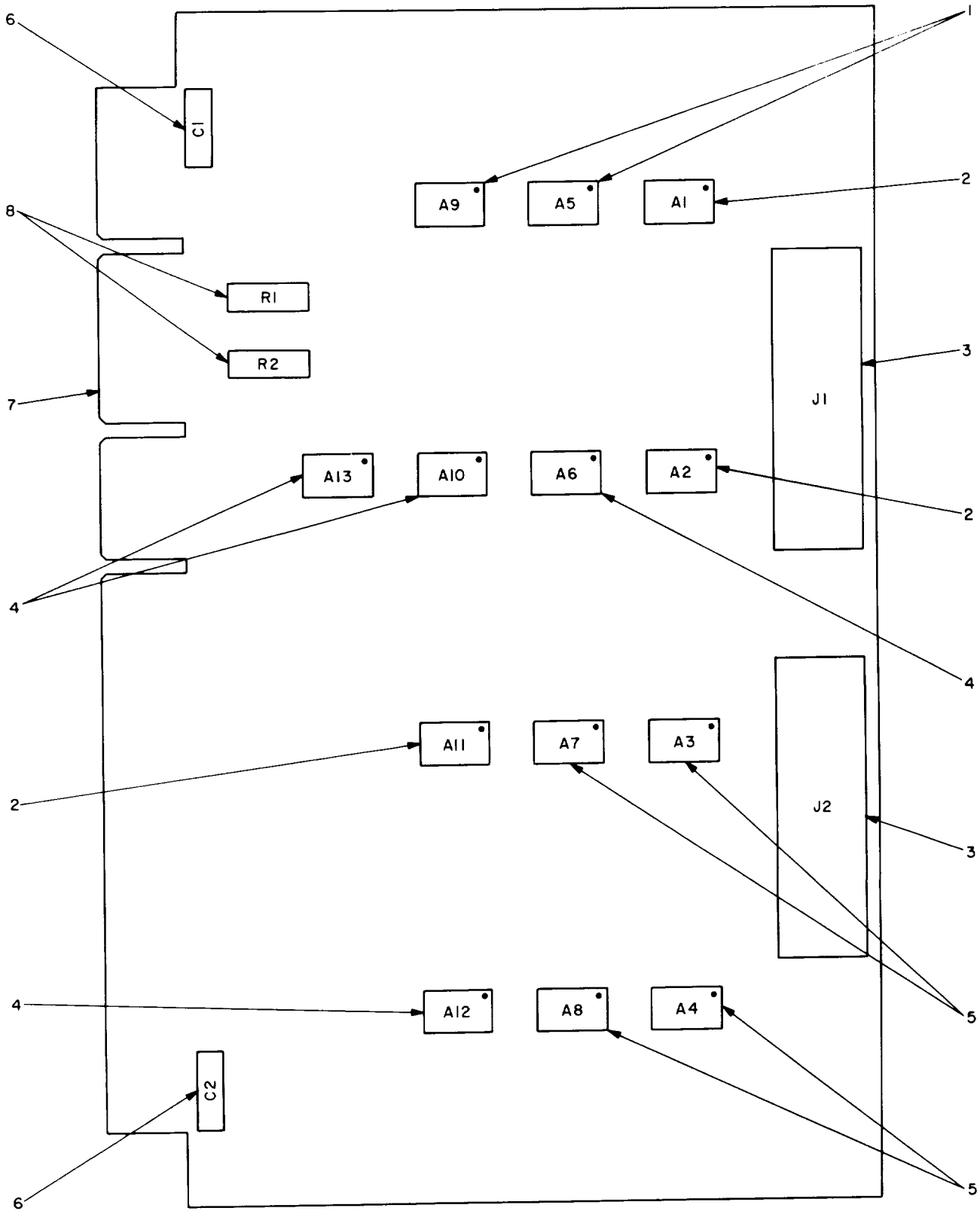


NOTE:
 REFERENCE DESIGNATIONS ARE ABBREVIATED,
 PREFIX REFERENCE DESIGNATION WITH IAIA3AI.

E LOOD013

Figure 13. Circuit Card Assembly (Range Box and Memory Counters).

| SECTION II (1) ILLUSTRATION (A) (B) FIG ITEM NO NO | | (2) SMR CODE | (3) NATIONAL STOCK NUMBER | (4) PART NUMBER | (5) FSCM | (6) DESCRIPTION | (7) USABLE ON CODE U/M | (8) QTY INC IN UNIT |
|---|----|--------------------|------------------------------------|-----------------------|-------------|---|---------------------------|---------------------------------|
| | | | | | | GROUP: 01010301 CIRCUIT CARD ASSEMBLY (RANGE BOX AND MEMORY COUNTERS) | | |
| 13 | 1 | PADZZ | 5961-00-842-9864 | JAN1N914 | 81349 | SEMICONDUCTOR DEVICE,DIODE | EA | 2 |
| 13 | 2 | PADZZ | 5905-00-111-4750 | RCR07G301JS | 81349 | RESISTOR, FIXED, COMPOSITION | EA | 1 |
| 13 | 3 | PADZZ | 5905-00-120-9154 | RCR07G471JS | 81349 | RESISTOR, FIXED, COMPOSITION | EA | 1 |
| 13 | 4 | PADZZ | 5910-00-893-6745 | CK05BX102K | 81349 | CAPACITOR, FIXED, CERAMIC DIELECTRIC | EA | 3 |
| 13 | 5 | PADZZ | | CM10ED470J03 | 81349 | CAPACITOR, FIXED, MICA DIELECTRIC | EA | 2 |
| 13 | 6 | PADZZ | 5950-00-943-9174 | MS90537-19 | 96906 | COIL, RADIO FREQUENCY | EA | 1 |
| 13 | 7 | PADZZ | | CM10FD151J03 | 81349 | CAPACITOR, FIXED, MICA DIELECTRIC | EA | 1 |
| 13 | 8 | XDDZZ | | X1457-2 | 71279 | TERMINAL, STUD | EA | 1 |
| 13 | 9 | PADZZ | 5910-00-936-1334 | M39003-01-2116 | 81349 | CAPACITOR, FIXED, ELECTROLYTIC | EA | 1 |
| 13 | 10 | XDDZZ | | 2829-75-1 | 98159 | STRAP, TIEDOWN, ELECTRICAL COMPONENTS | EA | 1 |
| 13 | 11 | PADZZ | 5955-00-456-4313 | CR64U16-000MHZ | 81349 | CRYSTAL UNIT, QUARTZ | EA | 1 |
| 13 | 12 | PADZZ | 5962-00-410-2398 | SN5440F11 | 01295 | MICROCIRCUIT, DIGITAL | EA | 1 |
| 13 | 13 | PADZZ | 5962-00-403-6881 | SN5472F11 | 01295 | MICROCIRCUIT, DIGITAL | EA | 4 |
| 13 | 14 | PADZZ | 5895-00-782-5837 | 85928-2 | 00779 | CONNECTOR, RECEPTACLE, ELECTRICAL | EA | 1 |
| 13 | 15 | PADZZ | | SN5473F11 | 01295 | MICROCIRCUIT, DIGITAL | EA | 4 |
| 13 | 16 | PADZZ | 5910-00-904-8527 | WM12BX103K | 96733 | CAPACITOR, FIXED, CERAMIC DIELECTRIC | EA | 2 |
| 13 | 17 | XADZZ | | SMD679832 | 80063 | PRINTED WIRING BOARD | EA | 1 |
| 13 | 18 | PAOZZ | 5962-00-403-6866 | SN5430F11 | 01295 | MIRCROCIRCUIT, DIGITAL | EA | 4 |
| 13 | 19 | PADZZ | 5905-00-774-8290 | RL07S222G | 81349 | RESISTOR, FIXED, FILM | EA | 1 |
| 13 | 20 | PADZZ | 5905-00-774-8323 | RL07S152G | 81349 | RESISTOR, FIXED, FILM | EA | 1 |
| 13 | 21 | PADZZ | 5961-00-951-5294 | 2N3227 | 04713 | TRANSISTOR | EA | 1 |
| 13 | 22 | PADZZ | 5999-00-484-5513 | 7717-18N | 13103 | MOUNTING PAD, ELECTRICAL-ELECTRONIC COMPONENT | EA | 1 |
| 13 | 23 | PADZZ | 5905-00-051-0737 | RL07S331G | 81349 | RESISTOR, FIXED, FILM | EA | 1 |
| 13 | 24 | PADZZ | 5910-00-847-7288 | CK06BX103K | 81349 | CAPACITOR, FIXED, CERAMIC DIELECTRIC | EA | 1 |
| 13 | 25 | PADZZ | 5962-00-403-6870 | SN5470F11 | 01295 | MICROCIRCUIT, DIGITAL | EA | 1 |

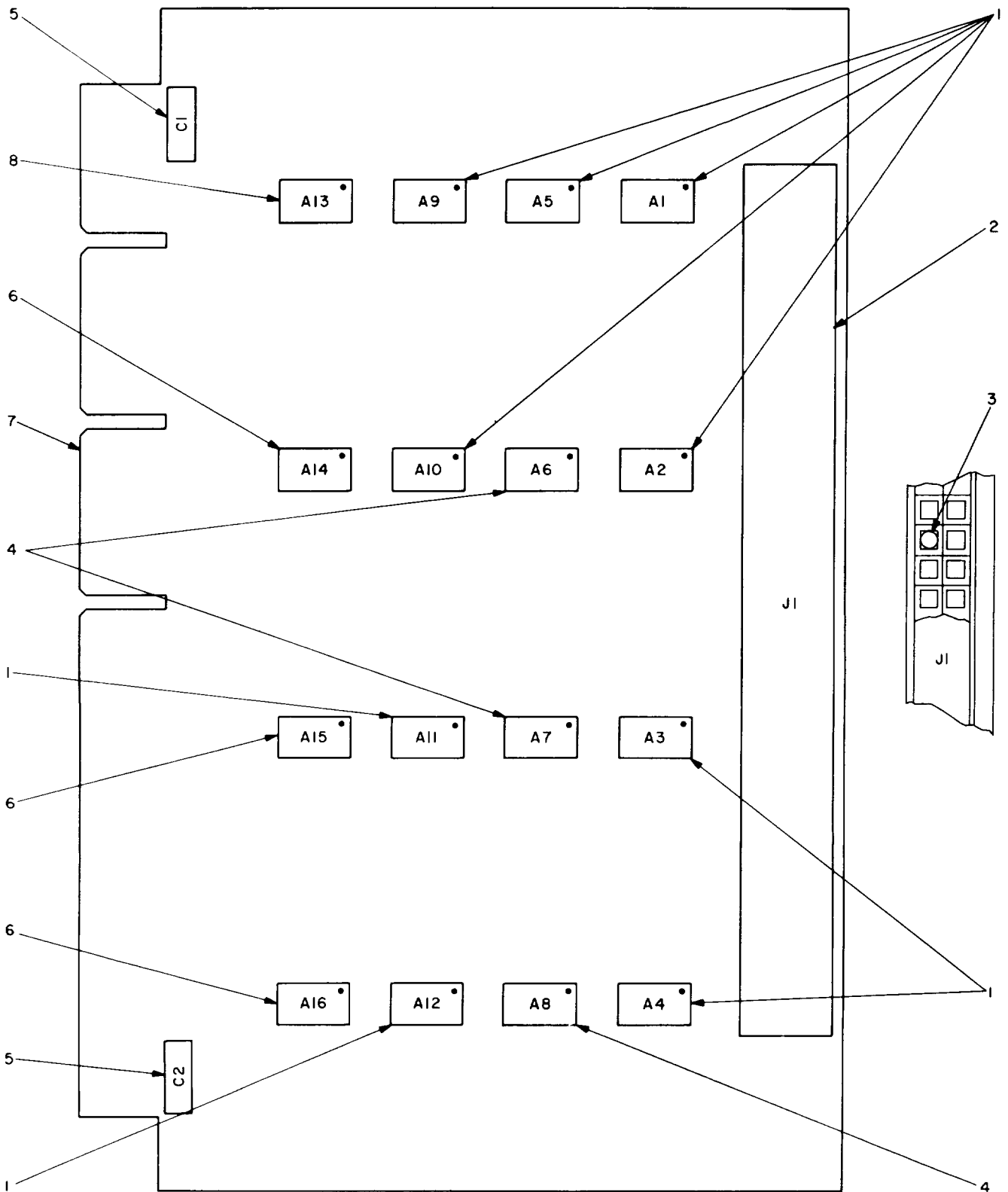


NOTE:
 REFERENCE DESIGNATIONS ARE ABBREVIATED,
 PREFIX REFERENCE DESIGNATION WITH 1A1A3A2.

EL00D014

Figure 14. Circuit Card Assembly (Timing Control).

| SECTION II (1) ILLUSTRATION | | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|---|------------|-------------|-----------------------------|----------------|-------|------------------------------------|----------------|--------------------------|
| FIG NO | ITEM NO | SMR CODE | NATIONAL STOCK NUMBER | PART NUMBER | FSCM | DESCRIPTION | USABLE ON CODE | QTY INC IN UNIT |
| GROUP: 01010302 CIRCUIT CARD ASSEMBLY (TIMING CONTROL) | | | | | | | | |
| 14 | 1 | PADZZ | 5962-00-403-6884 | SN5410F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 2 |
| 14 | 2 | PADZZ | 5962-00-130-8933 | SN5474F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 3 |
| 14 | 3 | PADZZ | 5895-00-782-5837 | 85928-2 | 00779 | CONNECTOR,RECEPTACLE,ELECTRICAL | EA | 2 |
| 14 | 4 | PADZZ | 5962-00-782-5447 | SN5400F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 4 |
| 14 | 5 | PADZZ | 5962-00-410-2398 | SN5440F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 4 |
| 14 | 6 | PADZZ | 5910-00-904-8527 | WM12BX103K | 96733 | CAPACITOR,FIXED,CERAMIC DIELECTRIC | EA | 2 |
| 14 | 7 | XDDZZ | | SMD679844 | 80063 | PRINTED WIRING BOARD | EA | 1 |
| 14 | 8 | PADZZ | 5905-00-120-9154 | RCR07G471JS | 81349 | RESISTOR,FIXED,COMPOSITION | EA | 2 |

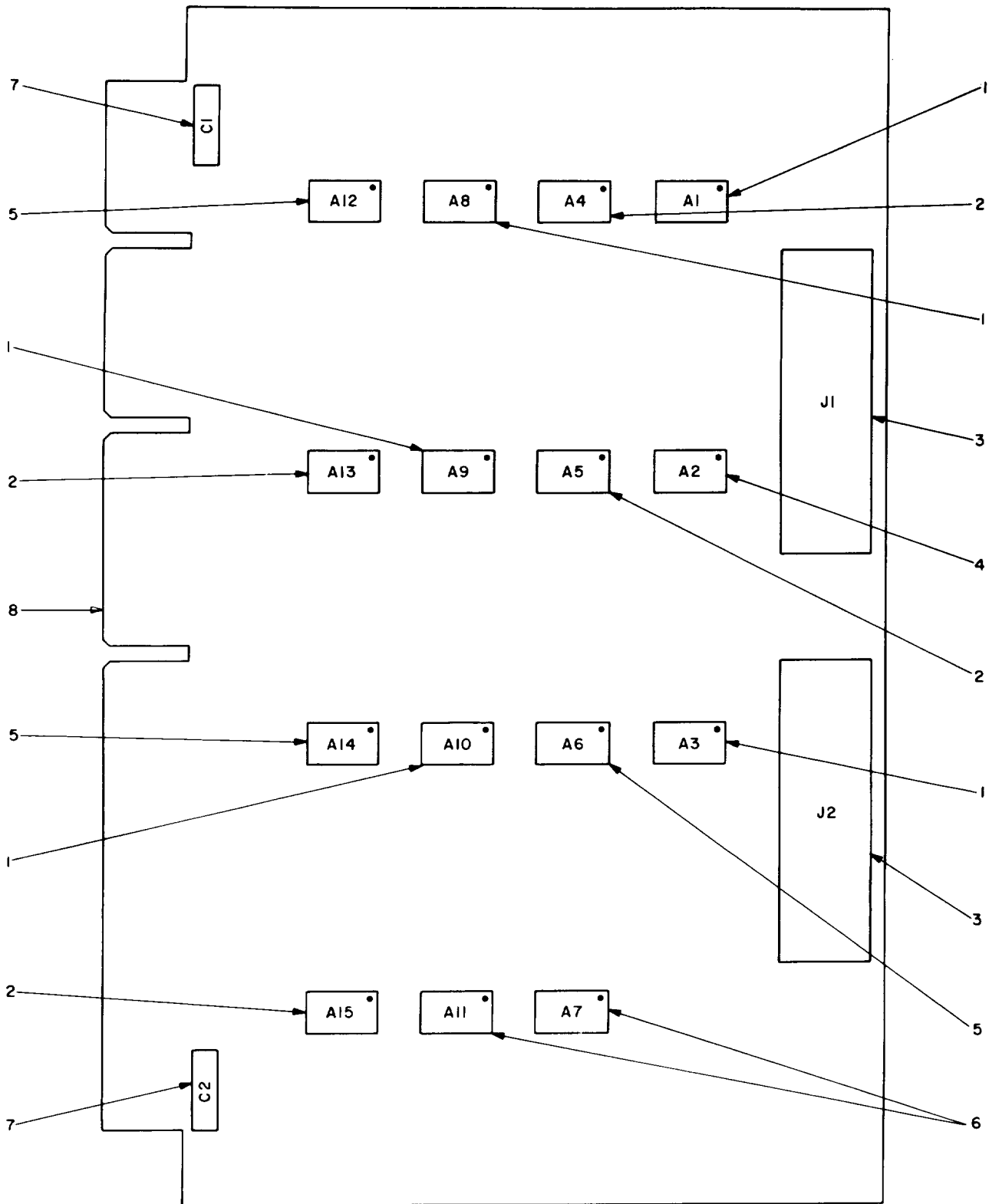


NOTE:
 REFERENCE DESIGNATIONS ARE ABBREVIATED,
 PREFIX REFERENCE DESIGNATIONS WITH IAIA3A3.

ELO00D15

Figure 15. Circuit Card Assembly (Self-Test Cycle Decodes).

| SECTION II (1) ILLUSTRATION (A) (B) FIG ITEM NO NO | | (2) SMR CODE | (3) NATIONAL STOCK NUMBER | (4) PART NUMBER | (5) FSCM | (6) DESCRIPTION | (7) USABLE ON CODE U/M | (8) QTY INC IN UNIT |
|---|---|--------------------|------------------------------------|-----------------------|-------------|--|---------------------------|---------------------------------|
| | | | | | | GROUP: 01010303 CIRCUIT CARD ASSEMBLY(SELF -TEST CYCLE DECODES) | | |
| 15 | 1 | PADZZ | 5962-00-403-6866 | SN5430F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 9 |
| 15 | 2 | PADZZ | 5935-00-436-3942 | 2-85930-4 | 00779 | CONNECTOR,RECEPTACLE,ELECTRICAL | EA | 1 |
| 15 | 3 | PADZZ | 5935-00-426-3083 | 86286-1 | 00779 | KEY,POLARIZING | EA | 1 |
| 15 | 4 | PADZZ | | SN5473F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 3 |
| 15 | 5 | PADZZ | 5910-00-904-8527 | WM12BX103K | 96733 | CAPACITOR, FIXED,CERAMIC DIELECTRIC | EA | 2 |
| 15 | 6 | PADZZ | 5962-00-130-8933 | SN5474F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 3 |
| 15 | 7 | XDDZZ | | SMD679845 | 80063 | PRINTED WIRING BOARD | EA | 1 |
| 15 | 8 | PADZZ | 5962-00-782-5447 | SN5400F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 1 |

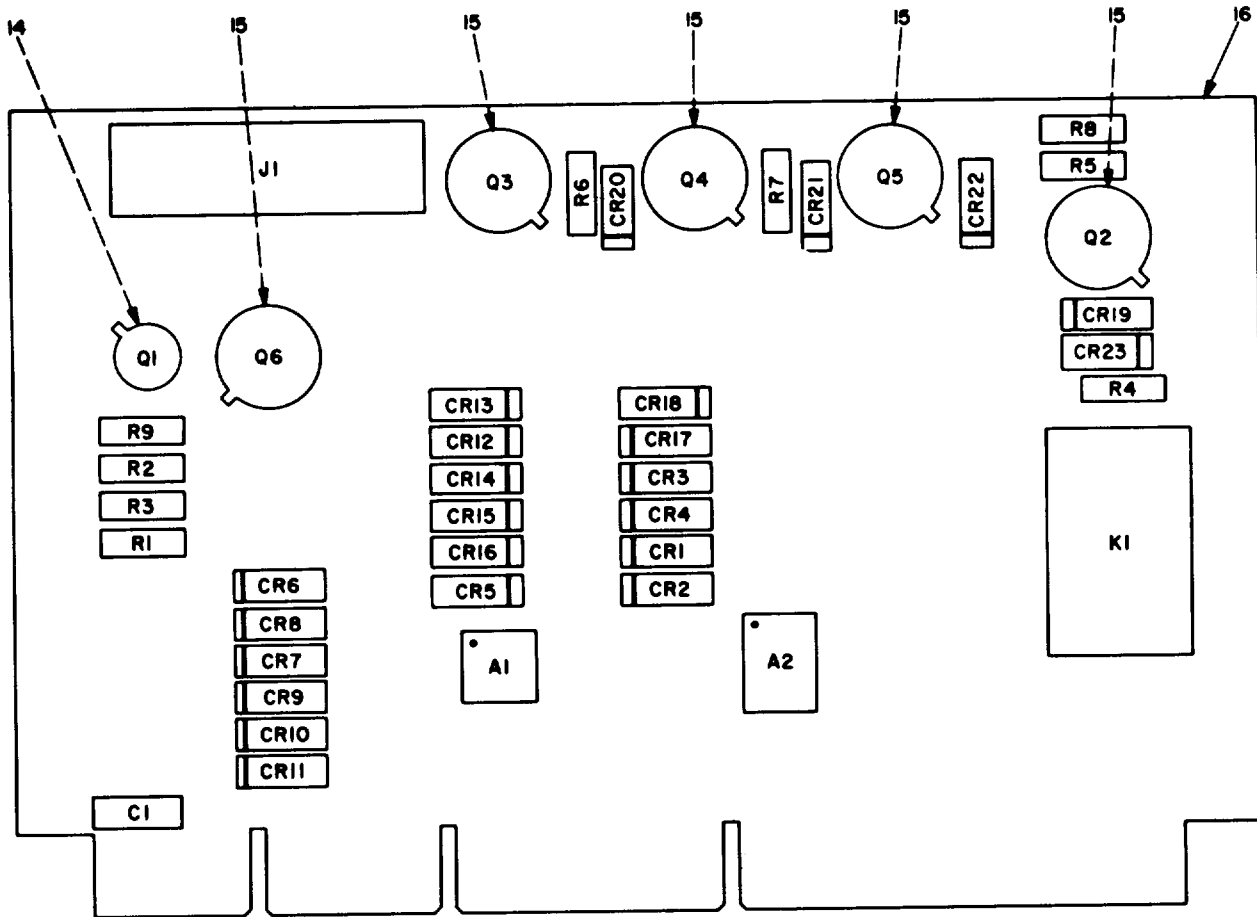


NOTE:
 REFERENCE DESIGNATIONS ARE ABBREVIATED,
 PREFIX REFERENCE DESIGNATION WITH 1A1A3A4.

EL00D016

Figure 16. Circuit Card Assembly (Self-Test Error Gates).

| SECTION II (1) ILLUSTRATION | | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|-----------------------------------|-------------------|-------------|-----------------------------|----------------|-------|--|----------------|--------------------------|
| FIG NO | (A) ITEM NO | SMR CODE | NATIONAL STOCK NUMBER | PART NUMBER | FSCM | DESCRIPTION | USABLE ON CODE | QTY INC IN UNIT |
| | | | | | | GROUP: 01010304 CIRCUIT CARD ASSEMBLY(SELF | | |
| | | | | | | -TEST ERROR GATES) | | |
| 16 | 1 | PADZZ | 5962-00-782-5447 | SN5400F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 5 |
| 16 | 2 | PADZZ | 5962-00-403-6882 | SN5420F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 4 |
| 16 | 3 | PADZZ | 5895-00-782-5837 | 85928-2 | 00779 | CONNECTOR,RECEPTACLE,ELECTRICAL | EA | 2 |
| 16 | 4 | PADZZ | | SN5473F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 1 |
| 16 | 5 | PADZZ | 5962-00-403-6884 | SN5410F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 3 |
| 16 | 6 | PADZZ | 5962-00-410-2398 | SN5440F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 2 |
| 16 | 7 | PADZZ | 5910-00-904-8527 | WM12BX103K | 96733 | CAPACITOR,FIXED,CERAMIC DIELECTRIC | EA | 2 |
| 16 | 8 | XDDZZ | | SMD679846 | 80063 | PRINTED WIRING BOARD | EA | 1 |



NOTE:
 REFERENCE DESIGNATIONS ARE ABBREVIATED,
 PREFIX REFERENCE DESIGNATION WITH IAIA3A5.

| REF DES | ITEM NO. | REF DES | ITEM NO. | REF DES | ITEM NO. | REF DES | ITEM NO. | REF DES | ITEM NO. |
|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
| A1 | 1 | CR6 | 4 | CR13 | 4 | CR20 | 4 | Q2 | 9 |
| A2 | 2 | CR7 | 4 | CR14 | 4 | CR21 | 4 | Q3 | 9 |
| C1 | 3 | CR8 | 4 | CR15 | 4 | CR22 | 4 | Q4 | 9 |
| CR1 | 4 | CR9 | 4 | CR16 | 4 | CR23 | 5 | Q5 | 9 |
| CR2 | 4 | CR10 | 4 | CR17 | 4 | J1 | 6 | Q6 | 9 |
| CR3 | 4 | CR11 | 4 | CR18 | 4 | K1 | 7 | R1 | 10 |
| CR4 | 4 | CR12 | 4 | CR19 | 4 | Q1 | 8 | R2 | 10 |
| CR5 | 4 | | | | | | | R3 | 11 |
| | | | | | | | | R4 | 12 |
| | | | | | | | | R5 | 13 |
| | | | | | | | | R6 | 13 |
| | | | | | | | | R7 | 13 |
| | | | | | | | | R8 | 13 |
| | | | | | | | | R9 | 13 |

ELOOD017

Figure 17. Circuit Card Assembly (Error Indicator Driver).

| SECTION II (1) ILLUSTRATION (A) (B) FIG ITEM NO NO | | (2) SMR CODE | (3) NATIONAL STOCK NUMBER | (4) PART NUMBER | (5) FSCM | (6) DESCRIPTION | (7) USABLE ON CODE U/M | (8) QTY INC IN UNIT |
|---|----|--------------------|------------------------------------|-----------------------|-------------|---|---------------------------|---------------------------------|
| | | | | | | GROUP: 01010305 CIRCUIT CARD ASSEMBLY (ERROR INDICATOR DRIVER) | | |
| 17 | 1 | PADZZ | 5962-00-255-1486 | C8531J | 18324 | MICROCIRCUIT,DIGITAL | EA | 1 |
| 17 | 2 | PADZZ | 5962-00-055-7128 | SMC679925-1 | 80063 | MICROCIRCUIT,DIGITAL | EA | 1 |
| 17 | 3 | PADZZ | 5910-00-904-8527 | WM12BX103K | 96733 | CAPACITOR,FIXED,CERAMIC DIELECTRIC | EA | 1 |
| 17 | 4 | PADZZ | 5961-00-842-9864 | JAN1N914 | 81349 | SEMICONDUCTOR DEVICE,DIODE | EA | 22 |
| 17 | 5 | PADZZ | 5961-00-087-6047 | JAN1N645 | 81349 | SEMICONDUCTOR DEVICE,DIODE | EA | 1 |
| 17 | 6 | PADZZ | 5895-00-782-5837 | 85928-2 | 00779 | CONNECTOR,RECEPTACLE,ELECTRICAL | EA | 1 |
| 17 | 7 | PADZZ | 5945-00-904-8319 | M5757-9-003 | 81349 | RELAY,ARMATURE | EA | 1 |
| 17 | 8 | PADZZ | 5961-00-951-5294 | 2N3227 | 04713 | TRANSISTOR | EA | 1 |
| 17 | 9 | PADZZ | 5961-00-014-6458 | JAN2N3498 | 81349 | TRANSISTOR | EA | 5 |
| 17 | 10 | PADZZ | 5905-00-119-8768 | RCR07G821JS | 81349 | RESISTOR,FIXED,COMPOSITION | EA | 2 |
| 17 | 11 | PADZZ | 5905-00-131-1255 | RCR07G122JS | 81349 | RESISTOR,FIXED,COMPOSITION | EA | 1 |
| 17 | 12 | PADZZ | 5905-00-110-0388 | RCR07G104JS | 81349 | RESISTOR,FIXED,COMPOSITION | EA | 1 |
| 17 | 13 | PADZZ | 5905-00-104-8370 | RCR07G361JS | 81349 | RESISTOR,FIXED,COMPOSITION | EA | 5 |
| 17 | 14 | PADZZ | 5999-00-484-5513 | 7717-18N | 13103 | MOUNTING PAD,ELECTRICAL-ELECTRONIC COMPONENT | EA | 1 |
| 17 | 15 | PADZZ | 5961-00-976-9592 | A10020 | 07047 | MOUNTING PAD,ELECTRICAL-ELECTRONIC COMPONENT | EA | 5 |
| 17 | 16 | XDDZZ | | SMD679847 | 80063 | PRINTED WIRING BOARD | EA | 1 |

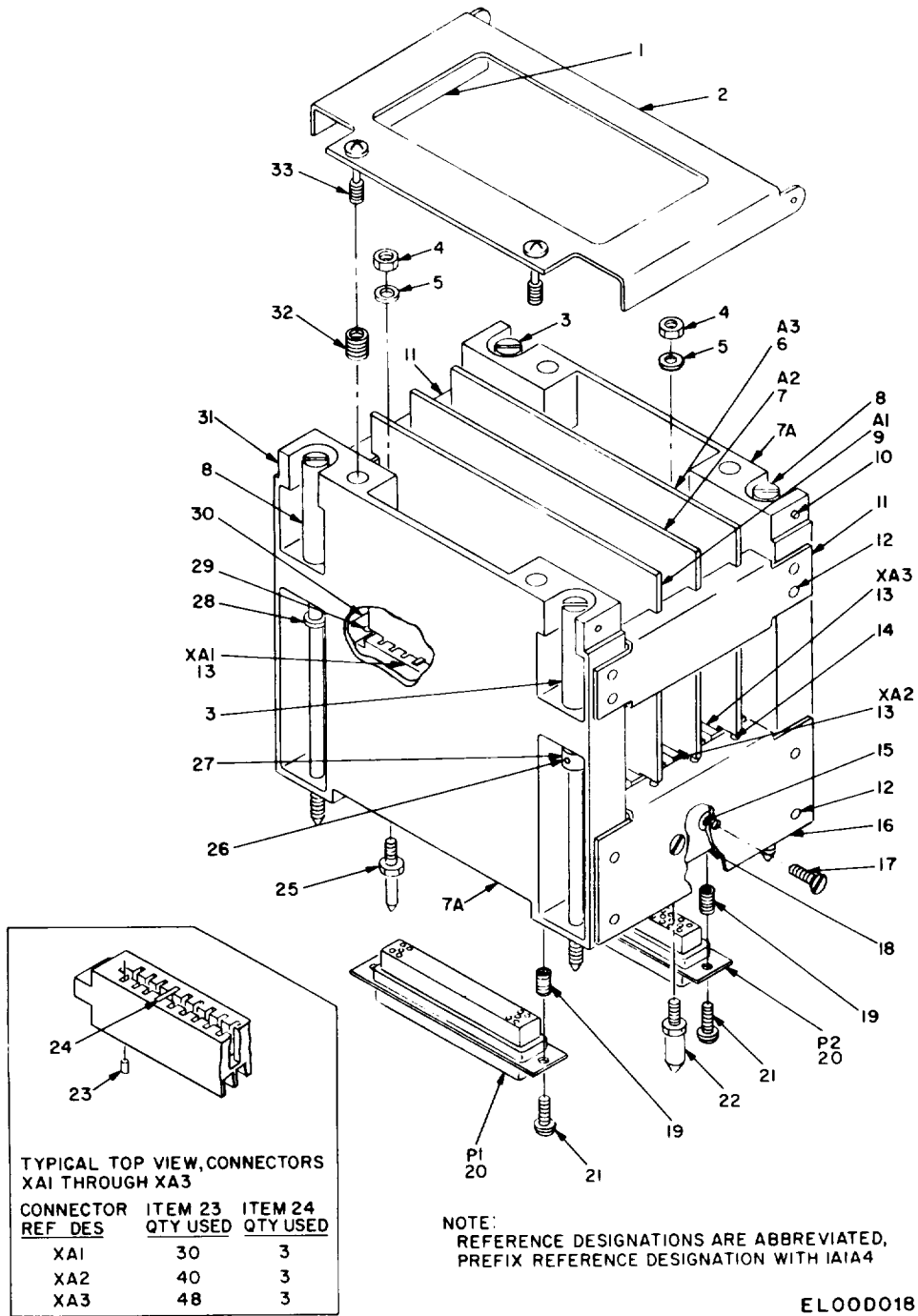
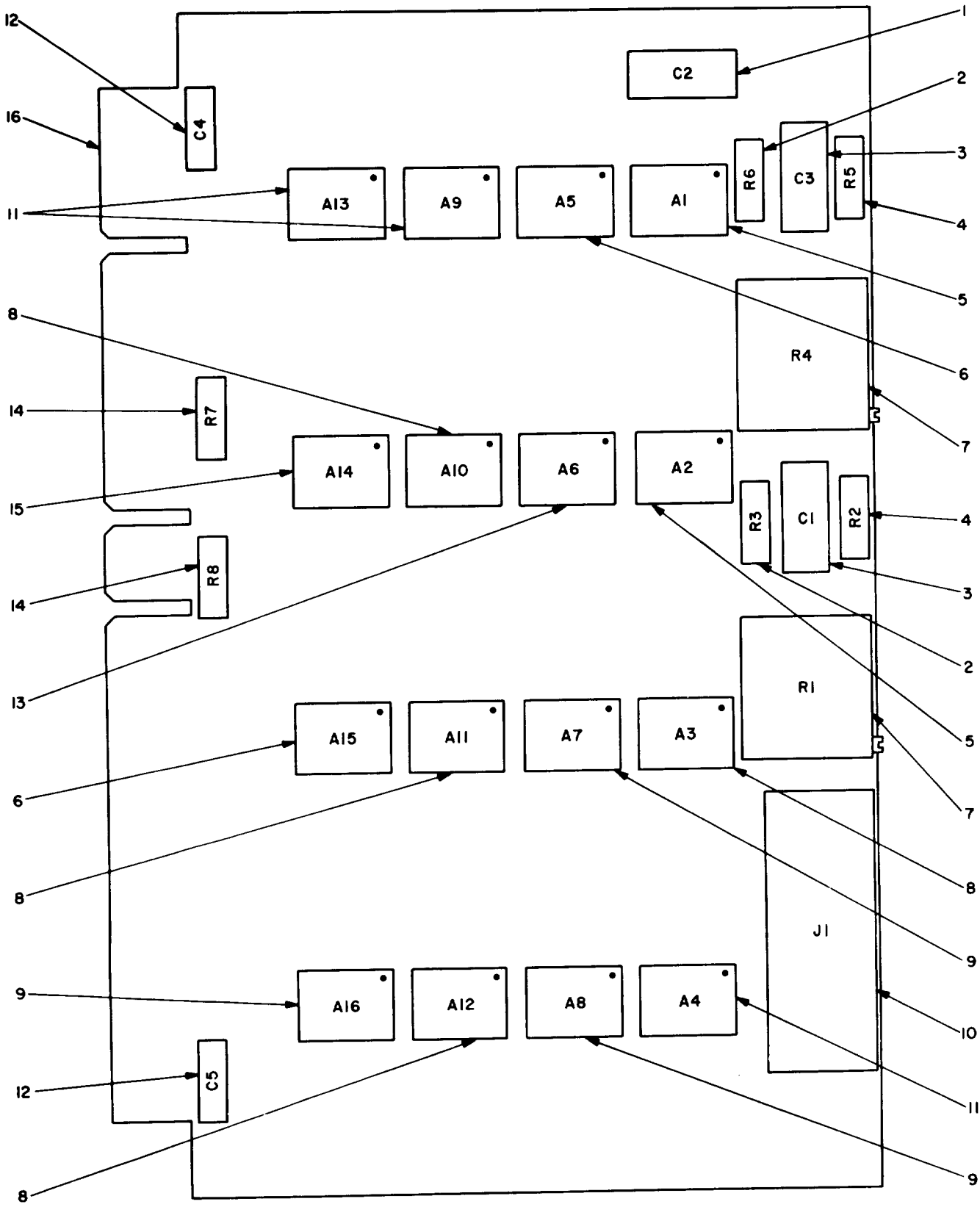


Figure 18. Target Arithmetic Module.

| SECTION II (1) ILLUSTRATION | | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|-----------------------------------|------------|-------------|-----------------------------|------------------------------|-------|--|--------------------|--------------------------|
| FIG NO | ITEM NO | SMR CODE | NATIONAL STOCK NUMBER | PART NUMBER | FSCM | DESCRIPTION | USABLE ON CODE U/M | QTY INC IN UNIT |
| | | | | | | GROUP: 010104 TARGET ARITHMETIC MODULE | | |
| 18 | 1 | PAFZZ | 5330-00-438-1931 | SMC680148-2 | 80063 | RUBBER STRIP | EA | 2 |
| 18 | 2 | XDFFD | 5895-00-410-2413 | SMC680148 | 80063 | COVER ASSEMBLY,MODULE | EA | 1 |
| 18 | 3 | XDFZZ | | SMB679793-1 | 80063 | SCREW,EXTERNALLY RELIEVED BODY | EA | 2 |
| 18 | 4 | PAFZZ | | MS16210-2 | 96906 | NUT,PLAIN,HEXAGON | EA | 2 |
| 18 | 5 | PAFZZ | 5310-00-933-8118 | MS35338-135 | 96906 | WASHER,LOCK | EA | 2 |
| 18 | 6 | PAFDL | 5895-00-411-2603 | SMD679342 | 8063 | CIRCUIT CARD ASSEMBLY | EA | 1 |
| 18 | 7 | PAFDL | 5895-00-410-9966 | SMD679343 | 80063 | CIRCUIT CARD ASSEMBLY | EA | 1 |
| 18 | 7A | XDFZZ | 5895-00-477-3843 | SMD679486 | 80063 | END PLATE,MODULE | EA | 2 |
| 18 | 8 | XDDZZ | | SMB679793-2 | 80063 | SCREW,EXTERNALLY RELIEVED BODY | EA | 2 |
| 18 | 9 | PAFDL | 5895-00-410-9965 | SMD679341 | 80063 | CIRCUIT CARD ASSEMBLY | EA | 1 |
| 18 | 10 | XDFZZ | | MS39086-126 | 96906 | PIN,SPRING | EA | 2 |
| 18 | 11 | XAFZZ | | SMC679693-7 | 80063 | GUIDE,CARD | EA | 2 |
| 18 | 12 | XDFZZ | 5320-00-117-6938 | MS20426AD3-4 | 96906 | RIVET,SOLID | EA | 16 |
| 18 | 13 | PAFZZ | 5935-00-905-7595 | SMA679547 | 80063 | CONNECTOR BODY,RECEPTACLE,ELECTRICAL | EA | 3 |
| 18 | 14 | XAFZZ | | MS20470AD2-5 | 96906 | RIVET,SOLID | EA | 3 |
| 18 | 15 | PAFZZ | 5310-00-053-1366 | LKS440-2 | 46384 | NUT,SELF-LOCKING,CLINCH | EA | 2 |
| 18 | 16 | XAFZZ | | SMD680099 | 80063 | BRACKET ASSEMBLY,CONNECTOR LOCATING | EA | 1 |
| 18 | 17 | PAFZZ | 5305-00-255-6400 | MS24693C3 | 96906 | SCREW,MACHINE | EA | 4 |
| 18 | 18 | XDFFF | | SMC680106 | 80063 | BRACKET ASSEMBLY,CONNECTOR RETAINING | EA | 2 |
| 18 | 19 | XDFZZ | 5340-00-988-9520 | NI1240-50 | 73957 | INSERT,SCREW THREAD | EA | 4 |
| 18 | 20 | PAFZZ | 5935-00-901-7938 | DDMA50P | 71468 | CONNECTOR,RECEPTACLE,ELECTRICAL | EA | 2 |
| 18 | 21 | PAFZZ | 5305-00-054-5652 | MS51957-18 | 96906 | SCREW,MACHINE | EA | 4 |
| 18 | 22 | PAFZZ | 5315-00-491-0619 | SMB679625 | 80063 | PIN,SHOULDER,HEADLESS | EA | 1 |
| 18 | 23 | PAFZZ | 5999-00-946-7716 | SMA679544 | 80063 | CONTACT,ELECTRICAL | EA | 118 |
| 18 | 24 | PAFZZ | 5935-00-907-2391 | SMA679545 | 80063 | KEY,POLARIZING,CONNECTOR,ELECTRICAL | EA | 9 |
| 18 | 25 | PAFZZ | 5315-00-491-0618 | SMB679622 | 80063 | PIN,SHOULDER,HEADLESS | EA | 1 |
| 18 | 26 | XDFZZ | | GP5 1-16X5-16INP ASSIVATE | 73957 | PIN,GROOVED,HEADLESS | EA | 2 |
| 18 | 27 | XDFZZ | | SMA679781 | 80063 | COLLAR,SHAFT | EA | 2 |
| 18 | 28 | PAFZZ | 5365-00-725-0969 | MS16633-4018 | 96906 | RING,RETAINING | EA | 2 |
| 18 | 29 | XAFZZ | | MS20470AD2-5 | 96906 | RIVET,SOLID | EA | 3 |
| 18 | 30 | XAFZZ | | SMD680103 | 80063 | BRACKET ASSEMBLY,CONNECTOR LOCATING | EA | 1 |
| 18 | 31 | PAFFD | 5895-00-410-2433 | SMD679424 | 80063 | MODULE ASSEMBLY,MECHANICAL | EA | 1 |
| 18 | 32 | XDFZZ | 5340-00-061-8908 | NM16432-50 | 73957 | INSERT,SCREW THREAD | EA | 2 |
| 18 | 33 | PAFZZ | 5305-00-145-0922 | SMB679791-5 | 80063 | SCREW,EXTERNALLY RELIEVED BODY | EA | 2 |

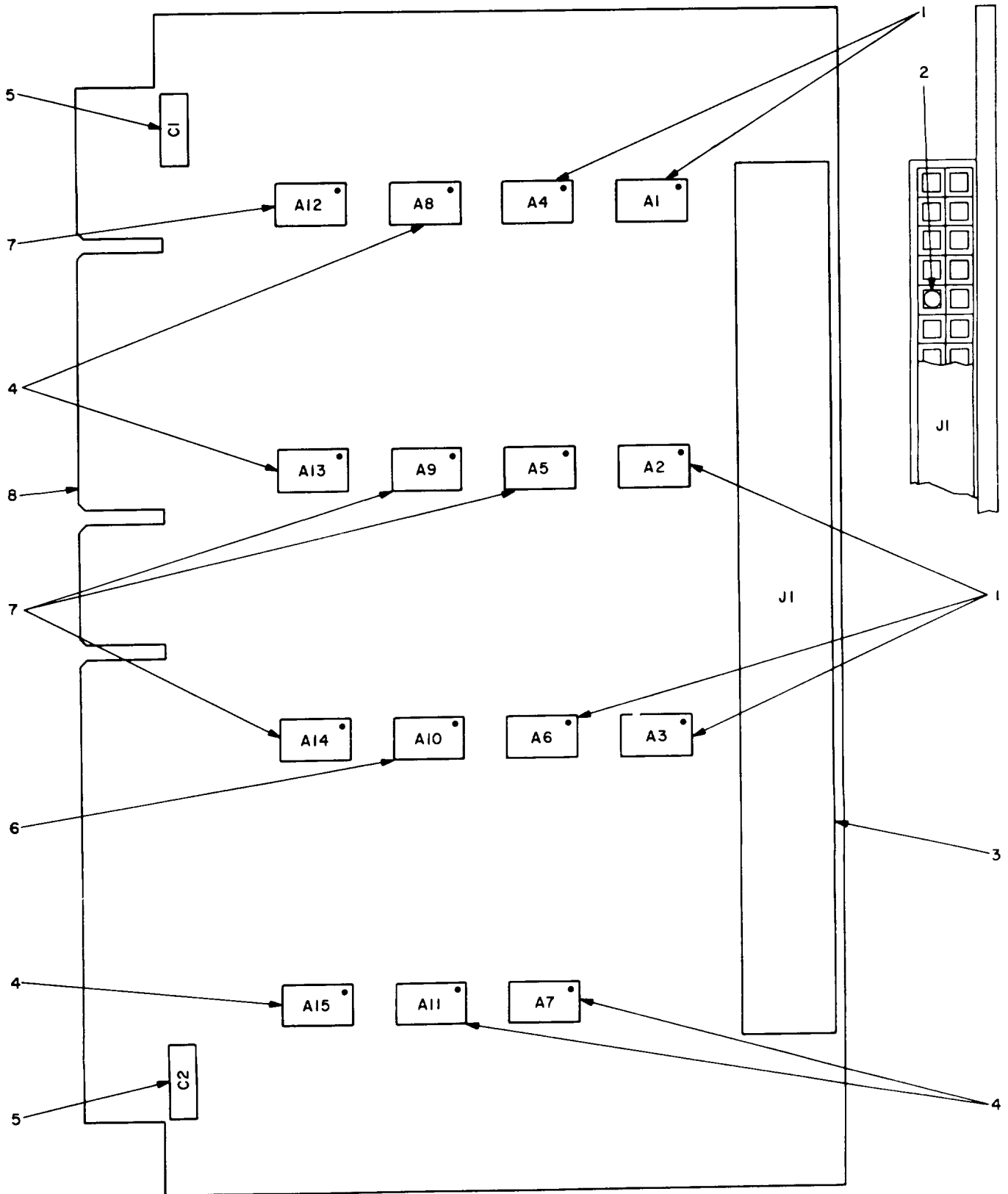


NOTE:
 REFERENCE DESIGNATIONS ARE ABBREVIATED,
 PREFIX REFERENCE DESIGNATION WITH 1A1A4A1.

ELO00019

Figure 19. Circuit Card Assembly (Reply Discriminator).

| SECTION II (1) ILLUSTRATION (A) (B) FIG ITEM NO NO | | (2) SMR CODE | (3) NATIONAL STOCK NUMBER | (4) PART NUMBER | (5) FSCM | (6) DESCRIPTION | (7) USABLE ON CODE U/M | (8) QTY INC IN UNIT |
|---|----|--------------------|------------------------------------|-----------------------|-------------|--|---------------------------|---------------------------------|
| | | | | | | GROUP: 01010401 CIRCUIT CARD ASSEMBLY (REPLY DISCRIMINATOR) | | |
| 19 | 1 | PADZZ | 5910-00-936-1334 | M39003-01-2116 | 81349 | CAPACITOR, FIXED, ELECTROLYTIC | EA | 1 |
| 19 | 2 | PADZZ | 5905-00-982-0937 | RN55C1002F | 81349 | RESISTOR, FIXED, FILM | EA | 2 |
| 19 | 3 | PADZZ | | CM06FD222JP3 | 81349 | CAPACITOR, FIXED, MICA DIELECTRIC | EA | 2 |
| 19 | 4 | PADZZ | 5905-00-955-0171 | RN55C6810F | 81349 | RESISTOR, FIXED, FILM | EA | 2 |
| 19 | 5 | PADZZ | 5962-00-782-5070 | C8529J | 18324 | MICROCIRCUIT, DIGITAL | EA | 2 |
| 19 | 6 | PADZZ | 5962-00-403-6882 | SN5420F11 | 01295 | MICROCIRCUIT, DIGITAL | EA | 2 |
| 19 | 7 | PADZZ | 5905-00-067-7338 | RT22C2P502 | 81349 | RESISTOR, VARIABLE, WIRE WOUND | EA | 2 |
| 19 | 8 | PADZZ | 5962-00-130-8933 | SN5474F11 | 01295 | MICROCIRCUIT, DIGITAL | EA | 4 |
| 19 | 9 | PADZZ | 5962-00-782-5447 | SN5400F11 | 01295 | MIRCOCIRCUIT, DIGITAL | EA | 3 |
| 19 | 10 | PADZZ | 5895-00-782-5837 | 85928-2 | 00779 | CONNECTOR, RECEPTACLE, ELECTRICAL | EA | 1 |
| 19 | 11 | PADZZ | 5962-00-403-6884 | SN5410F11 | 01295 | MICROCIRCUIT, DIGITAL | EA | 3 |
| 19 | 12 | PADZZ | 5910-00-904-8527 | WM12BX103K | 96733 | CAPACITOR, FIXED, CERAMIC DIELECTRIC | EA | 2 |
| 19 | 13 | PADZZ | 5962-00-410-2398 | SN5440F11 | 01295 | MICROCIRCUIT, DIGITAL | EA | 1 |
| 19 | 14 | PADZZ | 5905-00-120-9154 | RCR07G471JS | 81349 | RESISTOR, FIXED, COMPOSITION | EA | 2 |
| 19 | 15 | PADZZ | 5962-00-403-6866 | SN5430F11 | 01295 | MICROCIRCUIT, DIGITAL | EA | 1 |
| 19 | 16 | XDDZZ | | SMD679841 | 80063 | PRINTED WIRING BOARD | EA | 1 |

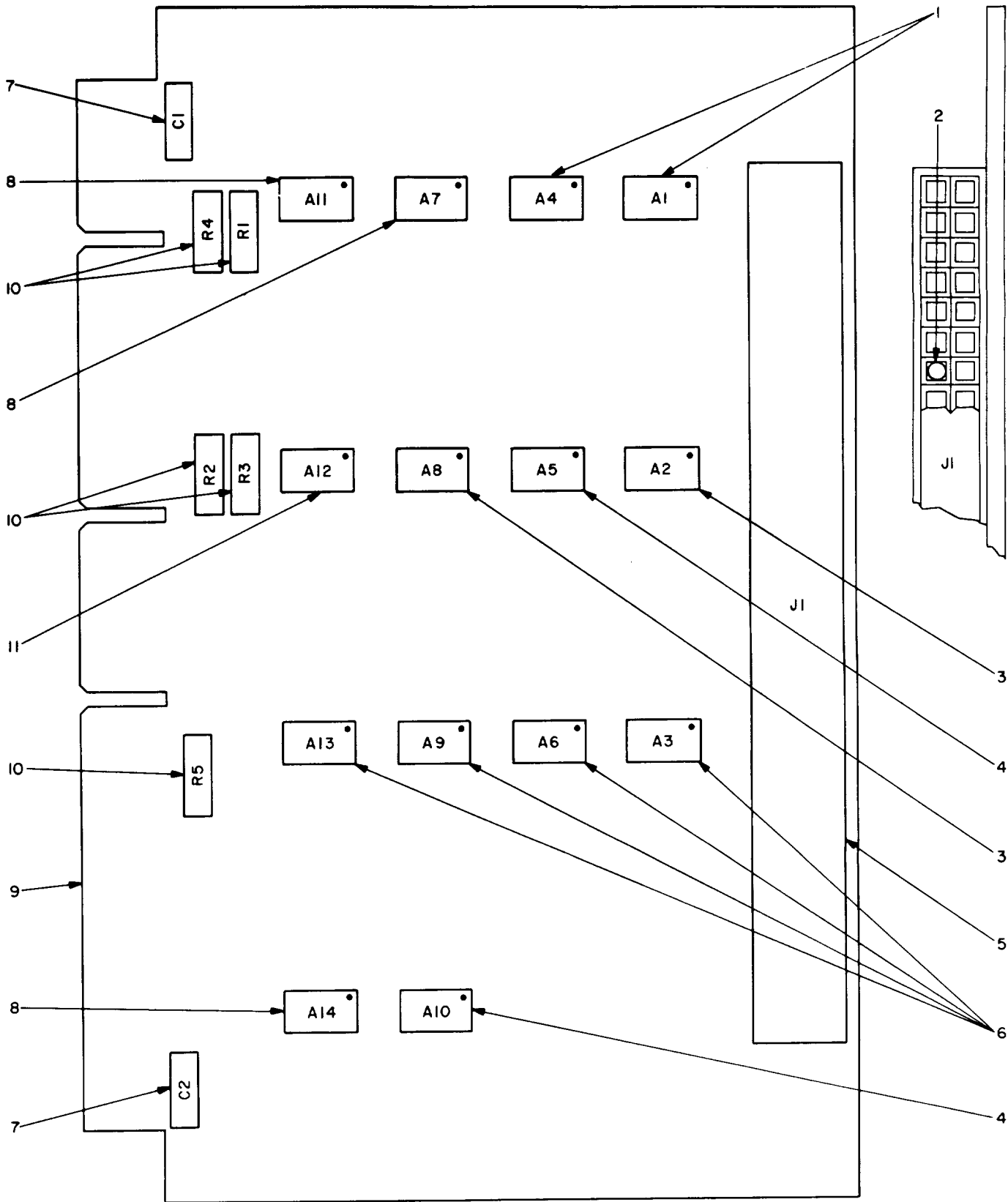


NOTE:
 REFERENCE DESIGNATIONS ARE ABBREVIATED,
 PREFIX REFERENCE DESIGNATION WITH IAIA4A2.

ELOOD020

Figure 20. Circuit Card Assembly (Target Arithmetic).

| SECTION II | | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|--------------|------|-------|------------------|------------|-------|---------------------------------------|--------------------|------|
| (1) | | | | | | | | |
| ILLUSTRATION | | | NATIONAL | PART | | DESCRIPTION | | QTY |
| (A) | (B) | | STOCK | NUMBER | FSCM | | USABLE ON CODE U/M | INC |
| FIG | ITEM | SMR | NUMBER | | | | | IN |
| NO | NO | CODE | | | | | | UNIT |
| | | | | | | GROUP: 01010402 CIRCUIT CARD ASSEMBLY | | |
| | | | | | | (TARGET ARITHMETIC) | | |
| 20 | 1 | PADZZ | 5962-00-403-6882 | SN5420F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 5 |
| 20 | 2 | PADZZ | 5935-00-426-3083 | 86286-1 | 00779 | KEY,POLARIZING | EA | 1 |
| 20 | 3 | PADZZ | 5935-00-436-3942 | 2-85930-4 | 00779 | CONNECTOR,RECEPTACLE, ELETRICAL | EA | 1 |
| 20 | 4 | PADZZ | 5962-00-403-6884 | SN5410F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 5 |
| 20 | 5 | PADZZ | 5910-00-904-8527 | WM12BX103K | 96733 | CAPACITOR, FIXED,CERAMIC DIELECTRIC | EA | 2 |
| 20 | 6 | PADZZ | 5962-00-410-2398 | SN5440F11 | 01295 | MICROCIRCUIT, DIGITAL | EA | 1 |
| 20 | 7 | PADZZ | 5962-00-782-5447 | SN5400F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 4 |
| 20 | 8 | XDDZZ | | SMD679843 | 80063 | PRINTED WIRING BOARD | EA | 1 |

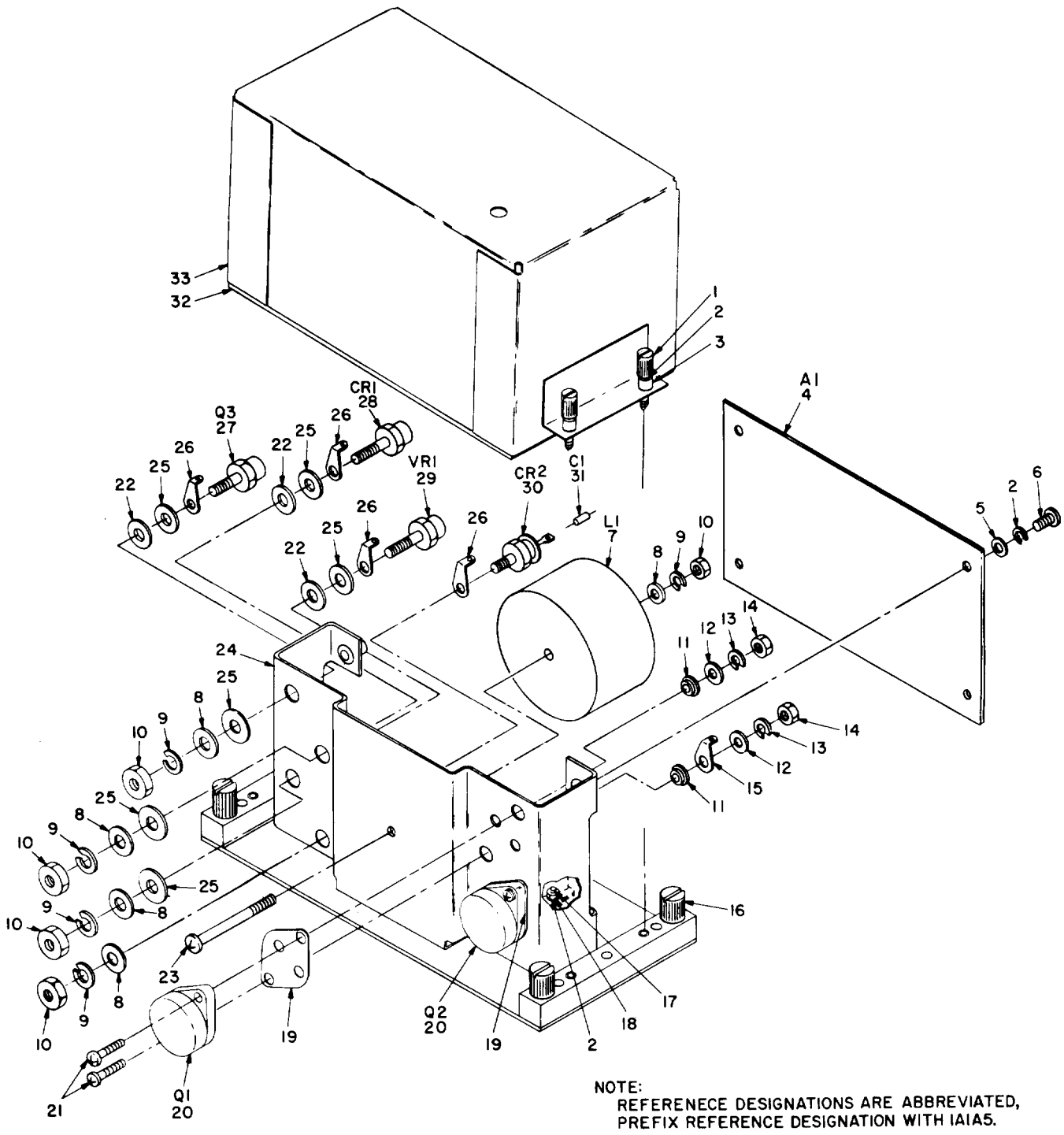


NOTE
 REFERENCE DESIGNATIONS ARE ABBREVIATED,
 PREFIX REFERENCE DESIGNATION WITH IAIA4A3.

ELO00021

Figure 21. Circuit Card Assembly (Target Up/Down Control).

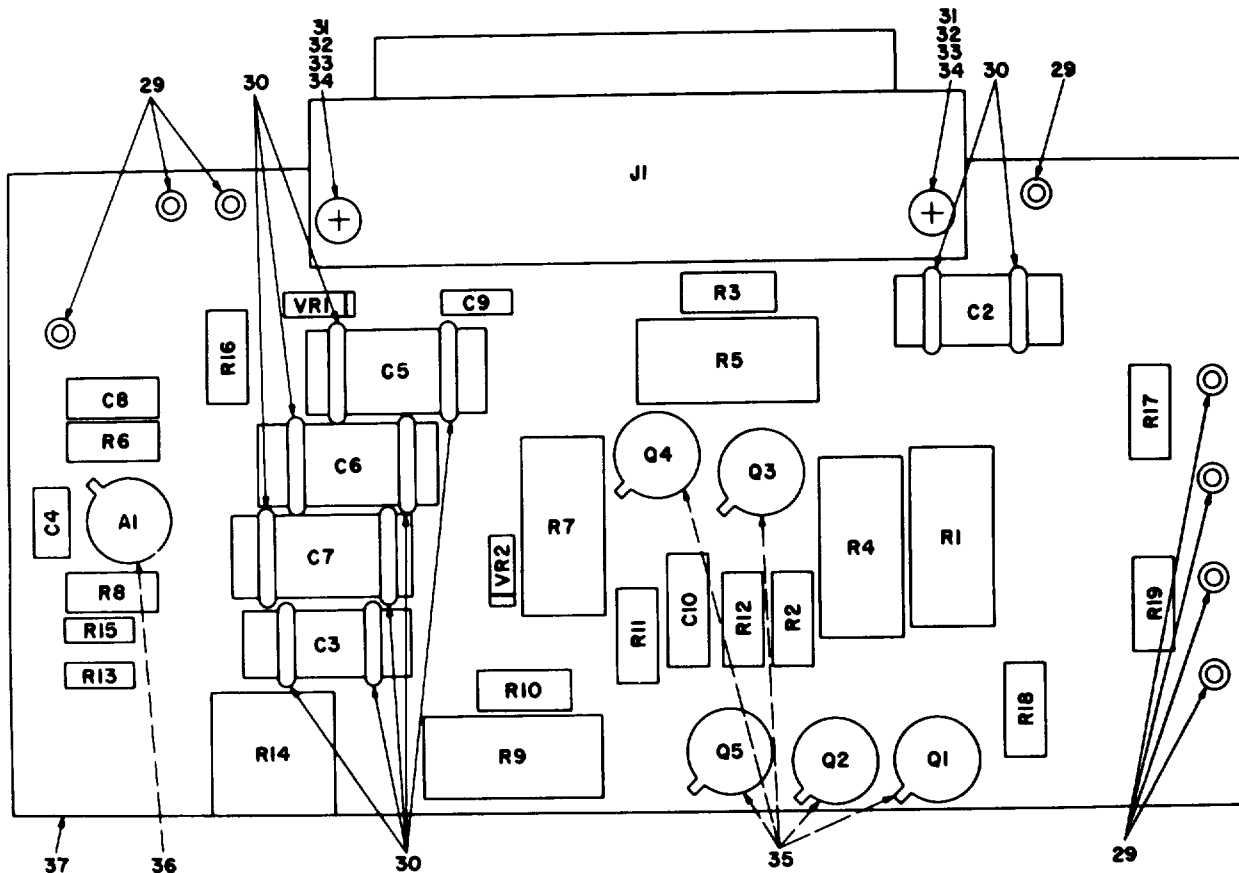
| SECTION II (1) ILLUSTRATION | | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|-----------------------------------|------------|-------------|-----------------------------|----------------|--------|---|--------------------|--------------------------|
| FIG NO | ITEM NO | SMR CODE | NATIONAL STOCK NUMBER | PART NUMBER | FSCM | DESCRIPTION | USABLE ON CODE U/M | QTY INC IN UNIT |
| | | | | | | GROUP: 01010403 CIRCUIT CARD ASSEMBLY (TARGET UP/DOWN CONTROL) | | |
| 21 | 1 | PADZZ | 5962-00-403-6882 | SN5420F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 2 |
| 21 | 2 | PADZZ | 5935-00-426-3083 | 86286-1 | 00779 | KEY, POLARIZING | EA | 1 |
| 21 | 3 | PADZZ | 5962-00-403-6884 | SN5410F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 2 |
| 21 | 4 | PAZZ | 5962-00-782-5447 | SN5400F11 | 01295 | MIRCOCIRCUIT,DIGITAL | EA | 2 |
| 21 | 5 | PADZZ | 5935-00-436-3942 | 2-85930-4 | 00779 | CONNECTOR, RECEPTACLE, ELECTRICAL | EA | 1 |
| 21 | 6 | PADZZ | 5962-00-403-6871 | SN5480F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 4 |
| 21 | 7 | PADZZ | 5910-00-904-8527 | WM12BX103K | 96733 | CAPACITOR, FIXED, CERAMIC DIELECTRIC | EA | 2 |
| 21 | 8 | PADZZ | 5962-00-130-8933 | SN5474F11 | 01295 | MICROCIRCUIT,DIGITAL | EA | 3 |
| 21 | 9 | XDDZZ | | SMD679842 | 80063 | PRINTED WIRING BOARD | EA | 1 |
| 21 | 10 | PADZZ | 5905-00-120-9154 | RCR07G471JS | 813494 | RESISTOR, FIXED, COMPOSITION | EA | 5 |
| 21 | 11 | PADZZ | 5962-00-403-6869 | SN15948 | 01295 | MICROCIRCUIT,DIGITAL | EA | 1 |



ELOO022

Figure 22. Power Supply Module.

| SECTION II (1) ILLUSTRATION | | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|-----------------------------------|------------|-------------|-----------------------------|------------------|-------|--|----------------|--------------------------|
| FIG NO | ITEM NO | SMR CODE | NATIONAL STOCK NUMBER | PART NUMBER | FSCM | DESCRIPTION | USABLE ON CODE | QTY INC IN UNIT |
| GROUP: 010105 POWER SUPPLY MODULE | | | | | | | | |
| 22 | 1 | PAFZZ | 5305-00-145-0917 | 6103SS0440-6 | 06540 | SCREW, EXTERNALL RELIEVED BODY | EA | 4 |
| 22 | 2 | PAFZZ | 5310-00-933-8118 | MS35338-135 | 96906 | WASHER, LOCK | EA | 10 |
| 22 | 3 | XDFZZ | | 6310ASS0440 | 06540 | NUT, PLAIN, CLINCH | EA | 4 |
| 22 | 4 | PAFDL | 5895-00-444-2291 | SMD679348 | 80063 | CIRCUIT CARD ASSEMBLY | EA | 1 |
| 22 | 5 | PAFZZ | 5310-00-782-1349 | AN960C4 | 88044 | WASHER, FLAT | EA | 4 |
| 22 | 6 | PAFZZ | 5305-00-054-5649 | MS51957-15 | 96906 | SCREW, MACHINE | EA | 4 |
| 22 | 7 | PAFZZ | 5950-00-436-3943 | 10102 | 10581 | REACTOR | EA | 1 |
| 22 | 8 | PAFZZ | 5310-00-167-0801 | AN960C10 | 88044 | WASHER, FLAT | EA | 5 |
| 22 | 9 | PAFZZ | 5310-00-933-8120 | MS35338-138 | 96906 | WASHER, LOCK | EA | 5 |
| 22 | 10 | PAFZZ | 5310-00-812-4292 | NAS671C10 | 80205 | NUT, PLAIN, HEXAGON | EA | 5 |
| 22 | 11 | XDFZZ | | SMA680448-2 | 80063 | INSULATOR, BUSHING | EA | 4 |
| 22 | 12 | PAFZZ | 5310-00-531-9514 | AN960C6 | 88044 | WASHER, FLAT | EA | 4 |
| 22 | 13 | PAFZZ | 5310-00-929-6395 | MS35338-136 | 96906 | WASHER, LOCK | EA | 4 |
| 22 | 14 | PAFZZ | | MS16210-3 | 96906 | NUT, PLAIN, HEXAGON | EA | 4 |
| 22 | 15 | XDFZZ | | 147-6-032BRASSHT | 79963 | TERMINAL, LUG | EA | 2 |
| 22 | 16 | PAFZZ | 5305-00-145-0916 | 6110SS1032-6 | 06540 | SCREW, EXTERNALLY RELIEVED BODY | EA | 4 |
| 22 | 17 | PAFZZ | 5305-00-066-7325 | MS24693C5 | 96906 | SCREW, MACHINE | EA | 2 |
| 22 | 18 | PAFZZ | | MS16210-2 | 96906 | NUT, PLAIN HEXAGON | EA | 2 |
| 22 | 19 | XDFZZ | | DM107 | 33779 | MOUNTING PAD, ELECRICAL-ELECTRONIC COMPONENT | EA | 2 |
| 22 | 20 | PAFZZ | 5961-00-926-0220 | 2N3792 | 04713 | TRANSISTOR | EA | 2 |
| 22 | 21 | PAFZZ | 5305-00-054-6654 | MS51957-30 | 96906 | SCREW, MACHINE | EA | 4 |
| 22 | 22 | XDZFF | | SMA679941-2 | 80063 | INSULATOR, WASHER | EA | 4 |
| 22 | 23 | PAFZZ | 5305-00-059-3665 | MS51958-69 | 96906 | SCREW, MACHINE | EA | 1 |
| 22 | 24 | XDFZZ | | SMD679436 | 80063 | CHASSIS, ELECTRICAL EQUIPMENT | EA | 1 |
| 22 | 25 | XDFZZ | | SMA679942-1 | 80063 | INSULATOR, WASHER | EA | 6 |
| 22 | 26 | PAFZZ | 5940-00-681-8184 | MS35431-8 | 96906 | TERMINAL, LUG | EA | 4 |
| 22 | 27 | PAFZZ | 5961-00-456-8900 | STCR1130 | 03877 | TRANSISTOR | EA | 1 |
| 22 | 28 | PAFZZ | 5961-00-855-7224 | JAN1N1616 | 81349 | SEMICONDUCTOR DEVICE, DIODE | EA | 1 |
| 22 | 29 | PAFZZ | 5961-00-892-1063 | JAN1N2991B | 81349 | SEMICONDUCTOR DEVICE, DIODE | EA | 1 |
| 22 | 30 | PAFZZ | | SMA680086-2 | 80063 | SMICONDUCTOR DIVICE, DIODE | EA | 1 |
| 22 | 31 | PAFZZ | 5910-00-904-8527 | WM12BX103K | 96733 | CAPACITOR, FIXED, CERAMIC DIELECTRIC | EA | 1 |
| 22 | 32 | PAFZZ | | 20-10116 | 07700 | SHIELDING GASKET, ELECTRONIC | FT | 2 |
| 22 | 33 | XDFZZ | 5895-00-463-4688 | SMD679437 | 80063 | COVER ASSEMBLY, POWER SUPPLY, PROCESSOR | EA | 1 |



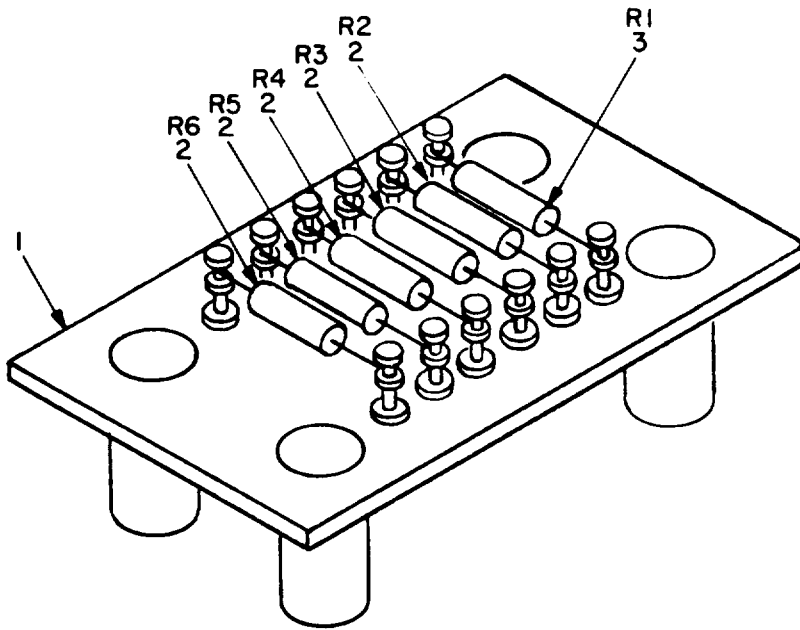
NOTE:
 REFERENCE DESIGNATIONS ARE ABBREVIATED,
 PREFIX REFERENCE DESIGNATION WITH AIASAI.

| REF DES | ITEM NO. | REF DES | ITEM NO. | REF DES | ITEM NO. | REF DES | ITEM NO. | REF DES | ITEM NO. | REF DES | ITEM NO. |
|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
| A1 | 1 | C8 | 5 | Q3 | 9 | R4 | 14 | R10 | 19 | R16 | 24 |
| C2 | 2 | C9 | 6 | Q4 | 9 | R5 | 14 | R11 | 17 | R17 | 25 |
| C3 | 2 | C10 | 7 | Q5 | 10 | R6 | 15 | R12 | 20 | R18 | 25 |
| C4 | 3 | J1 | 8 | R1 | 11 | R7 | 16 | R13 | 21 | R19 | 26 |
| C5 | 4 | Q1 | 9 | R2 | 12 | R8 | 17 | R14 | 22 | VR1 | 27 |
| C6 | 4 | Q2 | 10 | R3 | 13 | R9 | 18 | R15 | 23 | VR2 | 28 |
| C7 | 4 | | | | | | | | | | |

ELOOD023

Figure 23. Circuit Card Assembly (Processor Power Supply).

| SECTION II (1) ILLUSTRATION (A) FIG NO | | (2) (B) ITEM NO | (3) SMR CODE | (4) NATIONAL STOCK NUMBER | (5) PART NUMBER | (6) FSCM | DESCRIPTION | (7) USABLE ON CODE | U/M | (8) QTY INC IN UNIT |
|--|----|--------------------------|--------------------|------------------------------------|-----------------------|-------------|---|-----------------------|-----|---------------------------------|
| GROUP: 01010501 CIRCUIT CARD ASSEMBLY | | | | | | | | | | |
| (PROCESSOR POWER SUPPLY) | | | | | | | | | | |
| 23 | 1 | PADZZ | | 5962-00-013-9029 | LM100 | 27014 | MICROCIRCUIT, LINEAR | | EA | 1 |
| 23 | 2 | PADZZ | | | M39003-01-2134 | 81349 | CAPACITOR, FIXED, ELECTROLYTIC | | EA | 2 |
| 23 | 3 | PADZZ | | 5910-00-227-6352 | CM05ED330J03 | 81349 | CAPACITOR, FIXED, MICA DIELECTRIC | | EA | 1 |
| 23 | 4 | PADZZ | | 5910-00-996-0666 | M39003-01-2025 | 81349 | CAPACITOR, FIXED, ELECTROLYTIC | | EA | 3 |
| 23 | 5 | PADZZ | | 5910-00-936-1334 | M39003-01-2116 | 81349 | CAPACITOR, FIXED, ELECTROLYTIC | | EA | 1 |
| 23 | 6 | PADZZ | | 5910-00-904-8527 | WM12BX103K | 96733 | CAPACITOR, FIXED, CERMIC DIELECTRIC | | EA | 1 |
| 23 | 7 | PADZZ | | 5910-00-926-9778 | M39003-01-2016 | 81349 | CAPACITOR, FIXED, ELECTROLYTIC | | EA | 1 |
| 23 | 8 | PADZZ | | 5935-00-150-0540 | DDM50P15 | 71468 | CONNECTOR, RECEPTACLE, ELECTRICAL | | EA | 1 |
| 23 | 9 | PADZZ | | | 2N3734 | 04713 | TRANSISTOR | | EA | 3 |
| 23 | 10 | PADZZ | | 5961-00-949-1440 | JAN2N2905A | 81349 | TRANSISTOR | | EA | 2 |
| 23 | 11 | PADZZ | | 5905-00-185-6580 | RC42GF471J | 81349 | RESISTOR, FIXED, COMPOSITION | | EA | 1 |
| 23 | 12 | PADZZ | | | RCR20G242JR | 81349 | RESISTOR, FIXED, COMPOSITION | | EA | 1 |
| 23 | 13 | PADZZ | | | RCR20G223JR | 81349 | RESISTOR, FIXED, COMPOSITION | | EA | 1 |
| 23 | 14 | PADZZ | | 5905-00-279-2596 | RC42GF121J | 81349 | RESISTOR, FIXED, COMPOSITION | | EA | 2 |
| 23 | 15 | PADZZ | | | RCR20G200JR | 81349 | RESISTOR, FIXED, COMPOSITION | | EA | 1 |
| 23 | 16 | PADZZ | | 5905-00-931-9886 | RL42S155J | 81349 | RESISTOR, FIXED, FILM | | EA | 1 |
| 23 | 17 | PADZZ | | | RCR20G333JR | 81349 | RESISTOR, FIXED, COMPOSITION | | EA | 2 |
| 23 | 18 | PADZZ | | 5905-00-256-3361 | RC42GF102J | 81349 | RESISTOR, FIXED, COMPOSITION | | EA | 1 |
| 23 | 19 | PADZZ | | | RCR20G103JR | 813494 | RESISTOR, FIXED, COMPOSITION | | EA | 1 |
| 23 | 20 | PADZZ | | | RCR20G472JR | 81349 | RESISTOR, FIXED, COMPOSITION | | EA | 1 |
| 23 | 21 | PADZZ | | 5905-00-982-0196 | RN55C5621F | 81349 | RESISTOR, FIXED, FILM | | EA | 1 |
| 23 | 22 | PADZZ | | 5905-00-067-9079 | RT22C2P102 | 81349 | RESISTOR, VARIABLE, WIRE WOUND | | EA | 1 |
| 23 | 23 | PADZZ | | 5905-00-964-0395 | RN55C2741F | 81349 | RESISTOR, FIXED, FILM | | EA | 1 |
| 23 | 24 | PADZZ | | | RCR20G331JR | 813494 | RESISTOR, FIXED, COMPOSITION | | EA | 1 |
| 23 | 25 | PADZZ | | | RCR20G470JR | 81349 | RESISTOR, FIXED, COMPOSITION | | EA | 2 |
| 23 | 26 | PADZZ | | | RCR20G101JR | 81349 | RESISTOR, FIXED, COMPOSITION | | EA | 1 |
| 23 | 27 | PADZZ | | 5961-00-131-8267 | LVA56A | 01281 | SEMICONDUCTOR DEVICE, DIODE | | EA | 1 |
| 23 | 28 | PADZZ | | 5961-00-892-3361 | JAN1N750A | 81349 | SEMICONDUCTOR DEVICE, DIODE | | EA | 1 |
| 23 | 29 | XAFZZ | | | 953G | 70528 | EYELET, METALLIC | | EA | 8 |
| 23 | 30 | XDDZZ | | | 2829-75-2 | 98159 | STRAP, TIEDOWN, ELECTRICAL COMPONENTS | | EA | 10 |
| 23 | 31 | PADZZ | | 5305-00-054-5649 | MS51957-15 | 96906 | SCREW, MACHINE | | EA | 2 |
| 23 | 32 | PADZZ | | 5310-00-782-1349 | AN960C4 | 88044 | WASHER, FLAT | | EA | 2 |
| 23 | 33 | PADZZ | | 5310-00-933-8118 | MS35338-135 | 96906 | WASHER, LOCK | | EA | 2 |
| 23 | 34 | PADZZ | | | MS16210-2 | 96906 | NUT, PLAIN, HEXAGON | | EA | 2 |
| 23 | 35 | PADZZ | | 5961-00-976-9592 | A10020 | 07047 | MOUNTING PAD, ELECTRICAL-ELECTRONIC COMPONENT | | EA | 5 |
| 23 | 36 | PADZZ | | 5961-00-946-7706 | 10164DAP | 07047 | MOUNTING PAD, ELECTRICAL-ELECTRONIC COMPONENT | | EA | 1 |
| 23 | 37 | XDDZZ | | | SMB680125 | 800633 | PRINTED WIRING BOARD | | EA | 1 |



NOTE:
REFERENCE DESIGNATIONS ARE ABBREVIATED,
PREFIX REFERENCE DESIGNATION WITH IAIA6.
ELO0024

Figure 24. Resistor Assembly.

| SECTION II (1) ILLUSTRATION | | (2) | (3) | (4) | (5) | (6) | (7) | (8) |
|-----------------------------------|-------------------|-------------|-----------------------------|----------------|-------|---------------------------------|----------------|--------------------------|
| FIG NO | (B) ITEM NO | SMR CODE | NATIONAL STOCK NUMBER | PART NUMBER | FSCM | DESCRIPTION | USABLE ON CODE | QTY INC IN UNIT |
| | | | | | | GROUP: 010106 RESISTOR ASSEMBLY | | |
| 24 | 1 | XDFZZ | | SMB679438 | 80063 | TERMINAL BOARD | EA | 1 |
| 24 | 2 | PAFZZ | 5905-00-104-8368 | RCR07G470JS | 81349 | RESISTOR, FIXED, COMPOSITION | EA | 5 |
| 24 | 3 | PAFZZ | 5905-00-982-0940 | RN55C6192F | 81349 | RESISTOR, FIXED, FILM | EA | 1 |

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

| STOCK NUMBER | FIGURE NO | ITEM NO | STOCK NUMBER | FIGURE NO | ITEM NO |
|------------------|--------------|------------|------------------|--------------|------------|
| 5962-00-013-9029 | 23 | 1 | 5940-00-225-8866 | 4 | 2 |
| 5961-00-014-6458 | 17 | 9 | 5910-00-227-6352 | 23 | 3 |
| 5905-00-051-0737 | 13 | 23 | 5962-00-247-3401 | 3 | 3 |
| 5310-00-053-1366 | 2 | 16 | 5962-00-247-3401 | 4 | 4 |
| 5310-00-053-1366 | 6 | 15 | 5962-00-255-1486 | 17 | 1 |
| 5310-00-053-1366 | 12 | 15 | 5305-00-255-6400 | 2 | 15 |
| 5310-00-053-1366 | 18 | 15 | 5305-00-255-6400 | 6 | 17 |
| 5305-00-054-5640 | 1 | 50 | 5305-00-255-6400 | 12 | 17 |
| 5305-00-054-5648 | 1 | 44 | 5305-00-255-6400 | 18 | 17 |
| 5305-00-054-5649 | 22 | 06 | 5905-00-256-3361 | 23 | 18 |
| 5305-00-054-5649 | 23 | 31 | 5905-00-279-2596 | 23 | 14 |
| 5305-00-054-5650 | 1 | 69 | 5999-00-400-1534 | 1 | 67 |
| 5305-00-054-5652 | 2 | 21 | 5999-00-400-1534 | 1 | 68 |
| 5305-00-054-5652 | 6 | 22 | 5962-00-403-6866 | 9 | 6 |
| 5305-00-054-5652 | 12 | 22 | 5962-00-403-6866 | 10 | 7 |
| 5305-00-054-5652 | 18 | 21 | 5962-00-403-6866 | 13 | 18 |
| 5305-00-054-6649 | 1 | 55 | 5962-00-403-6866 | 15 | 1 |
| 5305-00-054-6654 | 22 | 21 | 5962-00-403-6866 | 19 | 15 |
| 5962-00-055-7128 | 10 | 1 | 5962-00-403-6869 | 21 | 11 |
| 5962-00-055-7128 | 17 | 2 | 5962-00-403-6870 | 13 | 25 |
| 5305-00-059-3659 | 1 | 8 | 5962-00-403-6871 | 9 | 5 |
| 5305-00-059-3665 | 22 | 23 | 5962-00-403-6871 | 21 | 6 |
| 5340-00-061-8908 | 2 | 33 | 5962-00-403-6881 | 13 | 13 |
| 5340-00-061-8908 | 6 | 34 | 5962-00-403-6882 | 5 | 2 |
| 5340-00-061-8908 | 12 | 34 | 5962-00-403-6882 | 7 | 6 |
| 5340-00-061-8908 | 18 | 32 | 5962-00-403-6882 | 8 | 5 |
| 5305-00-066-7325 | 1 | 66 | 5962-00-403-6882 | 9 | 2 |
| 5305-00-066-7325 | 22 | 17 | 5962-00-403-6882 | 16 | 2 |
| 5305-00-066-7327 | 1 | 22 | 5962-00-403-6882 | 19 | 6 |
| 5905-00-067-7338 | 19 | 7 | 5962-00-403-6882 | 20 | 1 |
| 5905-00-067-9079 | 23 | 22 | 5962-00-403-6882 | 21 | 1 |
| 5940-00-082-4745 | 1 | 57 | 5962-00-403-6884 | 7 | 7 |
| 5961-00-087-6047 | 17 | 5 | 5962-00-403-6884 | 8 | 3 |
| 5305-00-088-9671 | 1 | 72 | 5962-00-403-6884 | 9 | 11 |
| 5905-00-104-8368 | 24 | 2 | 5962-00-403-6884 | 11 | 4 |
| 5905-00-104-8370 | 17 | 13 | 5962-00-403-6884 | 14 | 1 |
| 5905-00-110-0388 | 17 | 12 | 5962-00-403-6884 | 16 | 5 |
| 5905-00-111-4750 | 13 | 2 | 5962-00-403-6884 | 19 | 11 |
| 5940-00-113-8199 | 1 | 53 | 5962-00-403-6884 | 20 | 4 |
| 5320-00-117-6816 | 1 | 65 | 5962-00-403-6884 | 21 | 3 |
| 5320-00-117-6938 | 1 | 59 | 5895-00-409-0984 | 12 | 33 |
| 5320-00-117-6938 | 2 | 10 | 5962-00-410-2398 | 7 | 3 |
| 5320-00-117-6938 | 6 | 13 | 5962-00-410-2398 | 8 | 2 |
| 5320-00-117-6938 | 12 | 12 | 5962-00-410-2398 | 13 | 12 |
| 5320-00-117-6938 | 18 | 12 | 5962-00-410-2398 | 14 | 5 |
| 5320-00-117-6939 | 1 | 60 | 5962-00-410-2398 | 16 | 6 |
| 5905-00-119-8768 | 17 | 10 | 5962-00-410-2398 | 19 | 13 |
| 5905-00-120-9154 | 5 | 3 | 5962-00-410-2398 | 20 | 6 |
| 5905-00-120-9154 | 7 | 10 | 5895-00-410-2413 | 18 | 2 |
| 5905-00-120-9154 | 8 | 9 | 5895-00-410-2424 | 1 | 11 |
| 5905-00-120-9154 | 9 | 9 | 5895-00-410-2426 | 1 | 15 |
| 5905-00-120-9154 | 13 | 3 | 5895-00-410-2431 | 1 | 42 |
| 5905-00-120-9154 | 14 | 8 | 5895-00-410-2433 | 18 | 31 |
| 5905-00-120-9154 | 19 | 14 | 5895-00-410-9927 | 1 | 32 |
| 5905-00-120-9154 | 21 | 10 | 5895-00-410-9928 | 1 | 12 |
| 5962-00-130-8933 | 7 | 2 | 5895-00-410-9929 | 1 | 14 |
| 5962-00-130-8933 | 8 | 8 | 5895-00-410-9930 | 1 | 10 |
| 5962-00-130-8933 | 9 | 7 | 5895-00-410-9950 | 1 | 17 |
| 5962-00-130-8933 | 11 | 1 | 5895-00-410-9952 | 2 | 12 |
| 5962-00-130-8933 | 14 | 2 | 5895-00-410-9953 | 1 | 18 |
| 5962-00-130-8933 | 15 | 6 | 5895-00-410-9954 | 1 | 9 |
| 5962-00-130-8933 | 19 | 8 | 5895-00-410-9958 | 1 | 19 |
| 5962-00-130-8933 | 21 | 8 | 5895-00-410-9959 | 1 | 13 |
| 5905-00-131-1255 | 17 | 11 | 5895-00-410-9961 | 6 | 32 |
| 5961-00-131-8267 | 23 | 27 | 5895-00-410-9962 | 6 | 33 |
| 5910-00-133-8553 | 1 | 78 | 5895-00-410-9963 | 6 | 4 |
| 5340-00-134-3214 | 1 | 1 | 5895-00-410-9964 | 6 | 5 |
| 5340-00-134-3224 | 1 | 28 | 5895-00-410-9965 | 18 | 9 |
| 5305-00-145-0916 | 22 | 16 | 5895-00-410-9966 | 18 | 7 |
| 5305-00-145-0917 | 22 | 1 | 5895-00-411-2600 | 6 | 6 |
| 5305-00-145-0922 | 2 | 34 | 5895-00-411-2601 | 2 | 13 |
| 5305-00-145-0922 | 6 | 35 | 5895-00-411-2602 | 2 | 7 |
| 5305-00-145-0922 | 12 | 35 | 5895-00-411-2603 | 18 | 6 |
| 5305-00-145-0922 | 18 | 33 | 5895-00-411-2604 | 12 | 4 |
| 5935-00-150-0540 | 23 | 8 | 5895-00-411-2605 | 12 | 5 |
| 5310-00-167-0797 | 1 | 45 | 5895-00-411-2606 | 12 | 6 |
| 5310-00-167-0801 | 22 | 8 | 5935-00-426-3083 | 7 | 5 |
| 5340-00-168-7243 | 1 | 23 | 5935-00-426-3083 | 9 | 4 |
| 5905-00-185-6580 | 23 | 11 | 5935-00-426-3083 | 15 | 3 |
| 5940-00-225-8866 | 3 | 2 | 5935-00-426-3083 | 20 | 2 |

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| STOCK NUMBER | FIGURE NO | ITEM NO | STOCK NUMBER | FIGURE NO | ITEM NO |
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| 5935-00-426-3083 | 21 | 2 | 5310-00-812-4292 | 1 | 25 |
| 5935-00-436-3942 | 7 | 4 | 5310-00-812-4292 | 22 | 10 |
| 5935-00-436-3942 | 9 | 3 | 5940-00-839-0828 | 1 | 62 |
| 5935-00-436-3942 | 10 | 3 | 5961-00-842-9864 | 13 | 1 |
| 5935-00-436-3942 | 15 | 2 | 5961-00-842-9864 | 17 | 4 |
| 5935-00-436-3942 | 20 | 3 | 5910-00-847-7288 | 3 | 1 |
| 5935-00-436-3942 | 21 | 5 | 5910-00-847-7288 | 4 | 3 |
| 5950-00-436-3943 | 22 | 7 | 5910-00-847-7288 | 5 | 8 |
| 5999-00-436-9027 | 1 | 31 | 5910-00-847-7288 | 13 | 24 |
| 5895-00-437-1947 | 6 | 31 | 5961-00-855-7224 | 22 | 28 |
| 5895-00-437-1947 | 12 | 31 | 9390-00-873-1191 | 1 | 77 |
| 5895-00-437-1959 | 2 | 32 | 5310-00-873-3195 | 1 | 80 |
| 5895-00-437-1992 | 1 | 16 | 5961-00-892-1063 | 22 | 29 |
| 5895-00-437-7278 | 1 | 73 | 5961-00-892-3361 | 23 | 28 |
| 6625-00-437-9116 | 1 | 26 | 5910-00-893-6745 | 13 | 4 |
| 5925-00-438-0423 | 1 | 35 | 5935-00-900-3497 | 1 | 43 |
| 5330-00-438-1931 | 18 | 1 | 5935-00-901-7938 | 2 | 20 |
| 5915-00-443-3986 | 1 | 76 | 5935-00-901-7938 | 6 | 21 |
| 5895-00-444-2291 | 22 | 4 | 5935-00-901-7938 | 12 | 21 |
| 5895-00-444-2295 | 12 | 32 | 5935-00-901-7938 | 18 | 20 |
| 5955-00-456-4313 | 13 | 11 | 5945-00-904-8319 | 17 | 7 |
| 5961-00-456-8900 | 22 | 27 | 5910-00-904-8527 | 7 | 8 |
| 5895-00-463-4688 | 22 | 33 | 5910-00-904-8527 | 8 | 6 |
| 5330-00-463-4717 | 6 | 1 | 5910-00-904-8527 | 9 | 8 |
| 5330-00-463-4717 | 12 | 1 | 5910-00-904-8527 | 10 | 6 |
| 5895-00-477-3843 | 2 | 7A | 5910-00-904-8527 | 11 | 5 |
| 5895-00-477-3843 | 6 | 10A | 5910-00-904-8527 | 13 | 16 |
| 5895-00-477-3843 | 12 | 10A | 5910-00-904-8527 | 14 | 6 |
| 5895-00-477-3843 | 18 | 7A | 5910-00-904-8527 | 15 | 5 |
| 5999-00-484-5513 | 13 | 22 | 5910-00-904-8527 | 16 | 7 |
| 5999-00-484-5513 | 17 | 14 | 5910-00-904-8527 | 17 | 3 |
| 5315-00-491-0618 | 2 | 26 | 5910-00-904-8527 | 19 | 12 |
| 5315-00-491-0618 | 6 | 25 | 5910-00-904-8527 | 20 | 5 |
| 5315-00-491-0618 | 12 | 25 | 5910-00-904-8527 | 21 | 7 |
| 5315-00-491-0618 | 18 | 25 | 5910-00-904-8527 | 22 | 31 |
| 5315-00-491-0619 | 2 | 18 | 5910-00-904-8527 | 23 | 6 |
| 5315-00-491-0619 | 6 | 19 | 5935-00-905-7595 | 2 | 14 |
| 5315-00-491-0619 | 12 | 19 | 5935-00-905-7595 | 6 | 9 |
| 5315-00-491-0619 | 18 | 22 | 5935-00-905-7595 | 12 | 9 |
| 5895-00-498-3965 | 1 | 64 | 5935-00-905-7595 | 18 | 13 |
| 5930-00-501-1749 | 1 | 37 | 5935-00-907-2391 | 2 | 25 |
| 5310-00-531-9514 | 22 | 12 | 5935-00-907-2391 | 6 | 24 |
| 6210-00-542-6393 | 1 | 38 | 5935-00-907-2391 | 12 | 24 |
| 6210-00-553-0879 | 1 | 33 | 5935-00-907-2391 | 18 | 24 |
| 5940-00-681-8184 | 22 | 26 | 5930-00-914-6458 | 1 | 27 |
| 5310-00-685-3744 | 1 | 61 | 5961-00-926-0220 | 22 | 20 |
| 5950-00-701-5929 | 5 | 9 | 5910-00-926-9778 | 23 | 7 |
| 5365-00-725-0969 | 2 | 29 | 5340-00-927-0120 | 1 | 74 |
| 5365-00-725-0969 | 6 | 28 | 5310-00-928-2690 | 1 | 48 |
| 5365-00-725-0969 | 12 | 29 | 5310-00-929-6395 | 1 | 56 |
| 5365-00-725-0969 | 18 | 28 | 5310-00-929-6395 | 22 | 13 |
| 5905-00-734-5199 | 5 | 1 | 5905-00-931-9886 | 23 | 16 |
| 5305-00-763-3356 | 1 | 46 | 5310-00-933-8118 | 1 | 5 |
| 5305-00-763-3357 | 1 | 51 | 5310-00-933-8118 | 2 | 5 |
| 6240-00-763-7744 | 1 | 34 | 5310-00-933-8118 | 6 | 8 |
| 5905-00-774-8290 | 13 | 19 | 5310-00-933-8118 | 12 | 8 |
| 5905-00-774-8323 | 13 | 20 | 5310-00-933-8118 | 18 | 5 |
| 5310-00-782-1349 | 22 | 5 | 5310-00-933-8118 | 22 | 2 |
| 5310-00-782-1349 | 23 | 32 | 5310-00-933-8118 | 23 | 33 |
| 5962-00-782-5070 | 19 | 5 | 5310-00-933-8119 | 1 | 21 |
| 5962-00-782-5447 | 7 | 1 | 5310-00-933-8120 | 1 | 7 |
| 5962-00-782-5447 | 8 | 1 | 5310-00-933-8120 | 1 | 29 |
| 5962-00-782-5447 | 9 | 1 | 5310-00-933-8120 | 22 | 9 |
| 5962-00-782-5447 | 10 | 5 | 5910-00-936-1334 | 13 | 9 |
| 5962-00-782-5447 | 11 | 6 | 5910-00-936-1334 | 19 | 1 |
| 5962-00-782-5447 | 14 | 4 | 5910-00-936-1334 | 23 | 5 |
| 5962-00-782-5447 | 15 | 8 | 5910-00-938-4764 | 5 | 7 |
| 5962-00-782-5447 | 16 | 1 | 5950-00-943-9174 | 13 | 6 |
| 5962-00-782-5447 | 19 | 9 | 5961-00-946-7706 | 23 | 36 |
| 5962-00-782-5447 | 20 | 7 | 5999-00-946-7716 | 2 | 24 |
| 5962-00-782-5447 | 21 | 4 | 5999-00-946-7716 | 6 | 23 |
| 5895-00-782-5837 | 5 | 4 | 5999-00-946-7716 | 12 | 23 |
| 5895-00-782-5837 | 8 | 4 | 5999-00-946-7716 | 18 | 23 |
| 5895-00-782-5837 | 11 | 2 | 5961-00-949-1440 | 23 | 10 |
| 5895-00-782-5837 | 13 | 14 | 5961-00-951-5294 | 13 | 21 |
| 5895-00-782-5837 | 14 | 3 | 5961-00-951-5294 | 17 | 8 |
| 5895-00-782-5837 | 16 | 3 | 5905-00-955-0171 | 19 | 4 |
| 5895-00-782-5837 | 17 | 6 | 5905-00-964-0395 | 23 | 23 |
| 5895-00-782-5837 | 19 | 10 | 5961-00-976-9592 | 5 | 5 |
| 5935-00-782-6098 | 1 | 71 | 5961-00-976-9592 | 17 | 15 |

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NATIONAL STOCK NUMBER AND PART NUMBER INDEX

| STOCK NUMBER | FIGURE NO | INDEX ITEM NO | STOCK NUMBER | FIGURE NO | ITEM NO |
|------------------|-----------|---------------|------------------|-----------|---------|
| 5961-00-976-9592 | 23 | 35 | 5340-00-988-9520 | 6 | 20 |
| 5905-00-982-0196 | 23 | 21 | 5340-00-988-9520 | 12 | 20 |
| 5905-00-982-0937 | 19 | 2 | 5340-00-988-9520 | 18 | 19 |
| 5905-00-982-0940 | 24 | 3 | 5305-00-989-4859 | 1 | 30 |
| 5340-00-988-9520 | 2 | 19 | 5910-00-996-0666 | 23 | 4 |

| PART NUMBER | FSCM | FIG NO | ITEM NO | PART NUMBER | FSCM | FIG NO | ITEM NO |
|--------------------------|-------|--------|---------|----------------|-------|--------|---------|
| AN960C10 | 88044 | 22 | 8 | MS20426AD3-4 | 96906 | 12 | 12 |
| AN960C3 | 88044 | 1 | 45 | MS20426AD3-4 | 96906 | 18 | 12 |
| AN960C4 | 88044 | 22 | 5 | MS20426AD3-5 | 96906 | 1 | 60 |
| AN960C4 | 88044 | 23 | 32 | MS20470AD2-5 | 96906 | 2 | 22 |
| AN960C6 | 88044 | 22 | 12 | MS20470AD2-5 | 96906 | 2 | 30 |
| AN960C8 | 88044 | 1 | 61 | MS20470AD2-5 | 96906 | 6 | 14 |
| AP1-76-4 | 81541 | 1 | 35 | MS20470AD2-5 | 96906 | 6 | 29 |
| A10020 | 07047 | 5 | 5 | MS20470AD2-5 | 96906 | 12 | 14 |
| A10020 | 07047 | 17 | 15 | MS20470AD2-5 | 96906 | 12 | 28 |
| A10020 | 07047 | 23 | 35 | MS20470AD2-5 | 96906 | 18 | 14 |
| CK05EX102K | 81349 | 13 | 4 | MS20470AD2-5 | 96906 | 18 | 29 |
| CK06EX103K | 81349 | 3 | 1 | MS20470AD3-5 | 96906 | 1 | 65 |
| CK06EX103K | 81349 | 4 | 3 | MS24693C28 | 96906 | 1 | 22 |
| CK06EX103K | 81349 | 5 | 8 | MS24693C3 | 96906 | 2 | 15 |
| CK06EX103K | 81349 | 13 | 24 | MS24693C3 | 96906 | 6 | 17 |
| CL31BN300MPE | 81349 | 1 | 78 | MS24693C3 | 96906 | 12 | 17 |
| CM05ED330J03 | 81349 | 23 | 3 | MS24693C3 | 96906 | 18 | 17 |
| CM06FD222JP3 | 81349 | 19 | 3 | MS24693C5 | 96906 | 1 | 66 |
| CM10ED470J03 | 81349 | 13 | 5 | MS24693C5 | 96906 | 22 | 17 |
| CM10FD151J03 | 81349 | 13 | 7 | MS24693C52 | 96906 | 1 | 72 |
| CM387 | 71744 | 1 | 34 | MS25041-1 | 96906 | 1 | 33 |
| CR64U16-000MHZ | 81349 | 13 | 11 | MS25041-2 | 96906 | 1 | 38 |
| C8529J | 18324 | 19 | 5 | MS25089-3C | 96906 | 1 | 37 |
| C8531J | 18324 | 17 | 1 | MS28137-3 | 96906 | 1 | 74 |
| C8532J | 18324 | 10 | 4 | MS35338-134 | 96906 | 1 | 48 |
| DDMAF50S | 71468 | 1 | 43 | MS35338-135 | 96906 | 1 | 5 |
| DDMA50P | 71468 | 2 | 20 | MS35338-135 | 96906 | 2 | 5 |
| DDMA50P | 71468 | 6 | 21 | MS35338-135 | 96906 | 6 | 8 |
| DDMA50P | 71468 | 12 | 21 | MS35338-135 | 96906 | 12 | 8 |
| DDMA50P | 71468 | 18 | 20 | MS35338-135 | 96906 | 18 | 5 |
| DDM50P15 | 71468 | 23 | 8 | MS35338-135 | 96906 | 22 | 2 |
| DM107 | 33779 | 22 | 19 | MS35338-135 | 96906 | 23 | 33 |
| GP5 1-16X5-16INPASSIVATE | 73957 | 2 | 27 | MS35338-136 | 96906 | 1 | 56 |
| GP5 1-16X5-16INPASSIVATE | 73957 | 6 | 26 | MS35338-136 | 96906 | 22 | 13 |
| GP5 1-16X5-16INPASSIVATE | 73957 | 12 | 26 | MS35338-137 | 96906 | 1 | 21 |
| GP5 1-16X5-16INPASSIVATE | 73957 | 18 | 26 | MS35338-138 | 96906 | 1 | 7 |
| JAN1N1616 | 81349 | 22 | 28 | MS35338-138 | 96906 | 1 | 29 |
| JAN1N2991B | 81349 | 22 | 29 | MS35338-138 | 96906 | 22 | 9 |
| JAN1N645 | 81349 | 17 | 5 | MS35431-8 | 96906 | 22 | 26 |
| JAN1N750A | 81349 | 23 | 28 | MS39086-126 | 96906 | 2 | 9 |
| JAN1N914 | 81349 | 13 | 1 | MS39086-126 | 96906 | 6 | 11 |
| JAN1N914 | 81349 | 17 | 4 | MS39086-126 | 96906 | 12 | 11 |
| JAN2N2905A | 81349 | 23 | 10 | MS39086-126 | 96906 | 18 | 10 |
| JAN2N3498 | 81349 | 17 | 9 | MS51957-14 | 96906 | 1 | 44 |
| LAC632-2 | 46384 | 1 | 80 | MS51957-15 | 96906 | 22 | 06 |
| LKS440-2 | 46384 | 2 | 16 | MS51957-15 | 96906 | 23 | 31 |
| LKS440-2 | 46384 | 6 | 15 | MS51957-16 | 96906 | 1 | 69 |
| LKS440-2 | 46384 | 12 | 15 | MS51957-18 | 96906 | 2 | 21 |
| LKS440-2 | 46384 | 18 | 15 | MS51957-18 | 96906 | 6 | 22 |
| LM100 | 27014 | 23 | 1 | MS51957-18 | 96906 | 12 | 22 |
| LVA56A | 01281 | 23 | 27 | MS51957-18 | 96906 | 18 | 21 |
| MM12157 | 27197 | 1 | 26 | MS51957-25 | 96906 | 1 | 55 |
| MS16210-1 | 96906 | 1 | 47 | MS51957-30 | 96906 | 22 | 21 |
| MS16210-2 | 96906 | 1 | 6 | MS51957-6 | 96906 | 1 | 50 |
| MS16210-2 | 96906 | 2 | 4 | MS51958-63 | 96906 | 1 | 8 |
| MS16210-2 | 96906 | 6 | 7 | MS51958-69 | 96906 | 22 | 23 |
| MS16210-2 | 96906 | 12 | 7 | MS51959-5 | 96906 | 1 | 46 |
| MS16210-2 | 96906 | 18 | 4 | MS51959-6 | 96906 | 1 | 51 |
| MS16210-2 | 96906 | 22 | 18 | MS90310-231 | 96906 | 1 | 27 |
| MS16210-2 | 96906 | 23 | 34 | MS90537-19 | 96906 | 13 | 6 |
| MS16210-3 | 96906 | 22 | 14 | M39003-01-2016 | 81349 | 23 | 7 |
| MS16210-4 | 96906 | 1 | 20 | M39003-01-2025 | 81349 | 23 | 4 |
| MS16633-4018 | 96906 | 2 | 29 | M39003-01-2030 | 81349 | 5 | 7 |
| MS16633-4018 | 96906 | 6 | 28 | M39003-01-2116 | 81349 | 13 | 9 |
| MS16633-4018 | 96906 | 12 | 29 | M39003-01-2116 | 81349 | 19 | 1 |
| MS16633-4018 | 96906 | 18 | 28 | M39003-01-2116 | 81349 | 23 | 5 |
| MS18130-12 | 96906 | 5 | 9 | M39003-01-2134 | 81349 | 23 | 2 |
| MS20426AD3-4 | 96906 | 1 | 59 | M5757-9-003 | 81349 | 17 | 7 |
| MS20426AD3-4 | 96906 | 2 | 10 | NAS1635-04-12P | 80205 | 1 | 40 |
| MS20426AD3-4 | 96906 | 6 | 13 | NAS1635-04-5P | 80205 | 1 | 41 |

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| PART NUMBER | FSCM | FIG NO | ITEM NO | PART NUMBER | FSCM | FIG NO | ITEM NO |
|------------------|-------|--------|---------|-------------|-------|--------|---------|
| NAS1635-3-7P | 80205 | 1 | 39 | SMB679438 | 80063 | 24 | 1 |
| NAS514P832-7B | 80205 | 1 | 36 | SMB679622 | 80063 | 2 | 26 |
| NAS671C10 | 80205 | 1 | 25 | SMB679622 | 80063 | 6 | 25 |
| NAS671C10 | 80205 | 22 | 10 | SMB679622 | 80063 | 12 | 25 |
| NM16432-50 | 73957 | 2 | 33 | SMB679622 | 80063 | 18 | 25 |
| NM16432-50 | 73957 | 6 | 34 | SMB679625 | 80063 | 2 | 18 |
| NM16432-50 | 73957 | 12 | 34 | SMB679625 | 80063 | 6 | 19 |
| NM16432-50 | 73957 | 18 | 32 | SMB679625 | 80063 | 12 | 19 |
| N11240-50 | 73957 | 2 | 19 | SMB679625 | 80063 | 18 | 22 |
| N11240-50 | 73957 | 6 | 20 | SMB679630 | 80063 | 1 | 1 |
| N11240-50 | 73957 | 12 | 20 | SMB679688 | 80063 | 1 | 24 |
| N11240-50 | 73957 | 18 | 19 | SMB679791-5 | 80063 | 2 | 34 |
| RCR07G104JS | 81349 | 17 | 12 | SMB679791-5 | 80063 | 6 | 35 |
| RCR07G122JS | 81349 | 17 | 11 | SMB679791-5 | 80063 | 12 | 35 |
| RCR07G301JS | 81349 | 13 | 2 | SMB679791-5 | 80063 | 18 | 33 |
| RCR07G361JS | 81349 | 17 | 13 | SMB679793-1 | 80063 | 2 | 3 |
| RCR07G470JS | 81349 | 24 | 2 | SMB679793-1 | 80063 | 6 | 3 |
| RCR07G471JS | 81349 | 5 | 3 | SMB679793-1 | 80063 | 12 | 3 |
| RCR07G471JS | 81349 | 7 | 10 | SMB679793-1 | 80063 | 18 | 3 |
| RCR07G471JS | 81349 | 8 | 9 | SMB679793-2 | 80063 | 2 | 8 |
| RCR07G471JS | 81349 | 9 | 9 | SMB679793-2 | 80063 | 6 | 10 |
| RCR07G471JS | 81349 | 13 | 3 | SMB679793-2 | 80063 | 12 | 10 |
| RCR07G471JS | 81349 | 14 | 8 | SMB679793-2 | 80063 | 18 | 8 |
| RCR07G471JS | 81349 | 19 | 14 | SMB679893 | 80063 | 3 | 3 |
| RCR07G471JS | 81349 | 21 | 10 | SMB679893 | 80063 | 4 | 4 |
| RCR07G821JS | 81349 | 17 | 10 | SMB680125 | 80063 | 23 | 37 |
| RCR20G101JR | 81349 | 23 | 26 | SMB680176 | 80063 | 1 | 3 |
| RCR20G103JR | 81349 | 23 | 19 | SMB680217 | 80063 | 1 | 70 |
| RCR20G200JR | 81349 | 23 | 15 | SMC679288 | 80063 | 2 | 17 |
| RCR20G223JR | 81349 | 23 | 13 | SMC679290 | 80063 | 1 | 71 |
| RCR20G242JR | 81349 | 23 | 12 | SMC679372 | 80063 | 1 | 15 |
| RCR20G331JR | 81349 | 23 | 24 | SMC679373 | 80063 | 1 | 10 |
| RCR20G333JR | 81349 | 23 | 17 | SMC679428 | 8006 | 2 | 2 |
| RCR20G470JR | 81349 | 23 | 25 | SMC679428-2 | 80063 | 2 | 1 |
| RCR20G472JR | 81349 | 23 | 20 | SMC679693-2 | 80063 | 2 | 11 |
| RC42GF102J | 81349 | 23 | 18 | SMC679693-5 | 80063 | 6 | 12 |
| RC42GF121J | 81349 | 23 | 14 | SMC679693-5 | 80063 | 12 | 13 |
| RC42GF471J | 81349 | 23 | 11 | SMC679693-7 | 80063 | 18 | 11 |
| RF3365B | 13619 | 1 | 76 | SMC679925-1 | 80063 | 10 | 1 |
| RL07S152G | 81349 | 13 | 20 | SMC679925-1 | 80063 | 17 | 2 |
| RL07S222G | 81349 | 13 | 19 | SMC680105 | 80063 | 6 | 18 |
| RL07S331G | 81349 | 13 | 23 | SMC680105 | 80063 | 12 | 18 |
| RL07S331J | 81349 | 5 | 1 | SMC680106 | 80063 | 18 | 18 |
| RL42S155J | 81349 | 23 | 16 | SMC680129 | 80063 | 1 | 14 |
| RM52LHA3207-2-02 | 72962 | 1 | 58 | SMC680130 | 80063 | 1 | 11 |
| RN55C1002F | 81349 | 19 | 2 | SMC680131 | 80063 | 1 | 12 |
| RN55C2741F | 81349 | 23 | 23 | SMC680132 | 80063 | 1 | 16 |
| RN55C5621F | 81349 | 23 | 21 | SMC680147 | 80063 | 6 | 2 |
| RN55C6192F | 81349 | 24 | 3 | SMC680147 | 80063 | 12 | 2 |
| RN55C6810F | 81349 | 19 | 4 | SMC680147-2 | 80063 | 6 | 1 |
| RT22C2L103 | 32997 | 1 | 49 | SMC680147-2 | 80063 | 12 | 1 |
| RT22C2P102 | 81349 | 23 | 22 | SMC680148 | 80063 | 18 | 2 |
| RT22C2P502 | 81349 | 19 | 7 | SMC680148-2 | 80063 | 18 | 1 |
| SE109D02 | 81349 | 1 | 57 | SMD679287 | 80063 | 2 | 23 |
| SE26XF01 | 81349 | 1 | 62 | SMD679332 | 80063 | 12 | 32 |
| SMA679544 | 80063 | 2 | 24 | SMD679334 | 80063 | 2 | 13 |
| SMA679544 | 80063 | 6 | 23 | SMD679335 | 80063 | 2 | 12 |
| SMA679544 | 80063 | 12 | 23 | SMD679336 | 80063 | 6 | 6 |
| SMA679544 | 80063 | 18 | 23 | SMD679337 | 80063 | 6 | 5 |
| SMA679545 | 80063 | 2 | 25 | SMD679338 | 80063 | 6 | 4 |
| SMA679545 | 80063 | 6 | 24 | SMD679339 | 80063 | 6 | 33 |
| SMA679545 | 80063 | 12 | 24 | SMD679340 | 80063 | 6 | 32 |
| SMA679545 | 80063 | 18 | 24 | SMD679341 | 80063 | 18 | 9 |
| SMA679546-1 | 80063 | 2 | 25A | SMD679342 | 80063 | 18 | 6 |
| SMA679547 | 80063 | 2 | 14 | SMD679343 | 80063 | 18 | 7 |
| SMA679547 | 80063 | 6 | 9 | SMD679344 | 80063 | 12 | 33 |
| SMA679547 | 80063 | 12 | 9 | SMD679345 | 80063 | 12 | 4 |
| SMA679547 | 80063 | 18 | 13 | SMD679346 | 80063 | 12 | 5 |
| SMA679719 | 80063 | 1 | 28 | SMD679347 | 80063 | 12 | 6 |
| SMA679731 | 80063 | 10 | 2 | SMD679348 | 80063 | 22 | 4 |
| SMA679781 | 80063 | 2 | 28 | SMD679369 | 80063 | 1 | 17 |
| SMA679781 | 80063 | 6 | 27 | SMD679424 | 80063 | 18 | 31 |
| SMA679781 | 80063 | 12 | 27 | SMD679435 | 80063 | 1 | 32 |
| SMA679781 | 80063 | 18 | 27 | SMD679436 | 80063 | 22 | 24 |
| SMA679785 | 80063 | 1 | 52 | SMD679437 | 80063 | 22 | 33 |
| SMA679941-2 | 80063 | 22 | 22 | SMD679486 | 80063 | 2 | 7A |
| SMA679942-1 | 80063 | 22 | 25 | SMD679486 | 80063 | 6 | 10A |
| SMA680021-5 | 80063 | 1 | 81 | SMD679486 | 80063 | 12 | 10A |
| SMA680086-2 | 80063 | 22 | 30 | SMD679486 | 80063 | 18 | 7A |
| SMA680448-2 | 80063 | 22 | 11 | SMD679705-3 | 80063 | 1 | 4 |
| SMB679370 | 80063 | 1 | 63 | | | | |

SECTION IV

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

| PART NUMBER | FSCM | FIG NO | ITEM NO | PART NUMBER | FSCM | FIG NO | ITEM NO |
|-------------|-------|--------|---------|------------------|-------|--------|---------|
| SMD679832 | 80063 | 13 | 17 | SN5473F11 | 01295 | 15 | 4 |
| SMD679834 | 80063 | 5 | 10 | SN5473F11 | 01295 | 16 | 4 |
| SMD679835-1 | 80063 | 3 | 4 | SN5474F11 | 01295 | 7 | 2 |
| SMD679835-2 | 80063 | 4 | 1 | SN5474F11 | 01295 | 8 | 8 |
| SMD679836 | 80063 | 11 | 7 | SN5474F11 | 01295 | 9 | 7 |
| SMD679837 | 80063 | 10 | 8 | SN5474F11 | 01295 | 11 | 1 |
| SMD679838 | 80063 | 9 | 10 | SN5474F11 | 01295 | 14 | 2 |
| SMD679839 | 80063 | 8 | 7 | SN5474F11 | 01295 | 15 | 6 |
| SMD679840 | 80063 | 7 | 9 | SN5474F11 | 01295 | 19 | 8 |
| SMD679841 | 80063 | 19 | 16 | SN5474F11 | 01295 | 21 | 8 |
| SMD679842 | 80063 | 21 | 9 | SN5480F11 | 01295 | 9 | 5 |
| SMD679843 | 80063 | 20 | 8 | SN5480F11 | 01295 | 21 | 6 |
| SMD679844 | 80063 | 14 | 7 | STCR1130 | 03877 | 22 | 27 |
| SMD679845 | 80063 | 15 | 7 | WML2BX103K | 96733 | 7 | 8 |
| SMD679846 | 80063 | 16 | 8 | WML2BX103K | 96733 | 8 | 6 |
| SMD679847 | 80063 | 17 | 16 | WML2BX103K | 96733 | 9 | 8 |
| SMD680098 | 80063 | 6 | 16 | WML2BX103K | 96733 | 10 | 6 |
| SMD680098 | 80063 | 12 | 16 | WML2BX103K | 96733 | 11 | 5 |
| SMD680099 | 80063 | 18 | 16 | WML2BX103K | 96733 | 13 | 16 |
| SMD680100 | 80063 | 2 | 31 | WML2BX103K | 96733 | 14 | 6 |
| SMD680102 | 80063 | 6 | 30 | WML2BX103K | 96733 | 15 | 5 |
| SMD680102 | 80063 | 12 | 30 | WML2BX103K | 96733 | 16 | 7 |
| SMD680103 | 80063 | 18 | 30 | WML2BX103K | 96733 | 17 | 3 |
| SMD680108 | 80063 | 1 | 13 | WML2BX103K | 96733 | 19 | 12 |
| SMD680109 | 80063 | 1 | 9 | WML2BX103K | 96733 | 20 | 5 |
| SMD680110 | 80063 | 1 | 19 | WML2BX103K | 96733 | 21 | 7 |
| SMD680111 | 80063 | 1 | 18 | WML2BX103K | 96733 | 22 | 31 |
| SMD680122 | 80063 | 2 | 7 | WML2BX103K | 96733 | 23 | 6 |
| SMD680143 | 80063 | 6 | 31 | X1270 | 70485 | 1 | 77 |
| SMD680143 | 80063 | 12 | 31 | X1457-2 | 71279 | 13 | 8 |
| SMD680145 | 80063 | 2 | 32 | X1988-80 | 71279 | 1 | 2 |
| SMD680149 | 80063 | 1 | 42 | 10102 | 10581 | 22 | 7 |
| SME679434-5 | 80063 | 1 | 64 | 10164DAP | 07047 | 23 | 36 |
| SME679434-7 | 80063 | 1 | 73 | 13980 | 07700 | 1 | 31 |
| SN15948 | 01295 | 21 | 11 | 147-4-032BRASSHT | 79936 | 1 | 54 |
| SN5400F11 | 01295 | 7 | 1 | 147-4-032BRASSHT | 79963 | 2 | 6 |
| SN5400F11 | 01295 | 8 | 1 | 147-6-032BRASSHT | 79963 | 22 | 15 |
| SN5400F11 | 01295 | 9 | 1 | 2-323934-2 | 00779 | 1 | 53 |
| SN5400F11 | 01295 | 10 | 5 | 2-85930-4 | 00779 | 7 | 4 |
| SN5400F11 | 01295 | 11 | 6 | 2-85930-4 | 00779 | 9 | 3 |
| SN5400F11 | 01295 | 14 | 4 | 2-85930-4 | 00779 | 10 | 3 |
| SN5400F11 | 01295 | 15 | 8 | 2-85930-4 | 00779 | 15 | 2 |
| SN5400F11 | 01295 | 16 | 1 | 2-85930-4 | 00779 | 20 | 3 |
| SN5400F11 | 01295 | 19 | 9 | 2-85930-4 | 00779 | 21 | 5 |
| SN5400F11 | 01295 | 20 | 7 | 2N3227 | 04713 | 13 | 21 |
| SN5400F11 | 01295 | 21 | 4 | 2N3227 | 04713 | 17 | 8 |
| SN5410F11 | 01295 | 7 | 7 | 2N3734 | 04713 | 5 | 6 |
| SN5410F11 | 01295 | 8 | 3 | 2N3734 | 04713 | 23 | 9 |
| SN5410F11 | 01295 | 9 | 11 | 2N3792 | 04713 | 22 | 20 |
| SN5410F11 | 01295 | 11 | 4 | 20-10116 | 07700 | 22 | 32 |
| SN5410F11 | 01295 | 14 | 1 | 20196 11-64IN | 61007 | 1 | 75 |
| SN5410F11 | 01295 | 16 | 5 | 2085-2 | 71279 | 3 | 2 |
| SN5410F11 | 01295 | 19 | 11 | 2085-2 | 71279 | 4 | 2 |
| SN5410F11 | 01295 | 20 | 4 | 2829-75-1 | 98159 | 13 | 10 |
| SN5410F11 | 01295 | 21 | 3 | 2829-75-2 | 98159 | 23 | 30 |
| SN5420F11 | 01295 | 5 | 2 | 35710 | 83508 | 1 | 23 |
| SN5420F11 | 01295 | 7 | 6 | 4449B9 | 88245 | 1 | 79 |
| SN5420F11 | 01295 | 8 | 5 | 6103SS0440-6 | 06540 | 22 | 1 |
| SN5420F11 | 01295 | 9 | 2 | 6110SS1032-6 | 06540 | 22 | 16 |
| SN5420F11 | 01295 | 16 | 2 | 6141SS1032-7 | 06540 | 1 | 30 |
| SN5420F11 | 01295 | 19 | 6 | 6310ASS0440 | 06540 | 22 | 3 |
| SN5420F11 | 01295 | 20 | 1 | 66102-1LLP | 00779 | 1 | 67 |
| SN5420F11 | 01295 | 21 | 1 | 66102-1LLP | 00779 | 1 | 68 |
| SN5430F11 | 01295 | 9 | 6 | 7717-18N | 13103 | 13 | 22 |
| SN5430F11 | 01295 | 10 | 7 | 7717-18N | 13103 | 17 | 14 |
| SN5430F11 | 01295 | 13 | 18 | 85928-2 | 00779 | 5 | 4 |
| SN5430F11 | 01295 | 15 | 1 | 85928-2 | 00779 | 8 | 4 |
| SN5430F11 | 01295 | 19 | 15 | 85928-2 | 00779 | 11 | 2 |
| SN5440F11 | 01295 | 7 | 3 | 85928-2 | 00779 | 13 | 14 |
| SN5440F11 | 01295 | 8 | 2 | 85928-2 | 00779 | 14 | 3 |
| SN5440F11 | 01295 | 13 | 12 | 85928-2 | 00779 | 16 | 3 |
| SN5440F11 | 01295 | 14 | 5 | 85928-2 | 00779 | 17 | 6 |
| SN5440F11 | 01295 | 16 | 6 | 85928-2 | 00779 | 19 | 10 |
| SN5440F11 | 01295 | 19 | 13 | 86286-1 | 00779 | 7 | 5 |
| SN5440F11 | 01295 | 20 | 6 | 86286-1 | 00779 | 9 | 4 |
| SN5470F11 | 01295 | 13 | 25 | 86286-1 | 00779 | 15 | 3 |
| SN5472F11 | 01295 | 13 | 13 | 86286-1 | 00779 | 20 | 2 |
| SN5473F11 | 01295 | 11 | 3 | 86286-1 | 00779 | 21 | 2 |
| SN5473F11 | 01295 | 13 | 15 | 953G | 70528 | 23 | 29 |

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Stateside, N.J. 07703

DATE 10 July 1975

PUBLICATION NUMBER

TM 11-5840-340-12

DATE

23 Jan 74

TITLE

Radar Set AN/SPG-76

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| PAGE NO. | PARA-GRAPH | FIGURE NO. | TABLE NO. |
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| 5-6 | 5-8 | | |
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FO3

IN THIS SPACE TELL WHAT IS WRONG AND WHAT SHOULD BE DONE ABOUT IT:

Recommend that the installation antenna alignment procedure be changed throughout to specify a 2° IFF antenna lag rather than 1°.

REASON: Experience has shown that with only a 1° lag, the antenna servo system is too sensitive to wind gusting in excess of 27 knots, and has a tendency to rapidly accelerate and decelerate as it hunts, causing strain to the drive train. Hunting is minimized by adjusting the lag to 2° without degradation of operation.

Item 5, Function column. Change "2 db" to "3db."

REASON: The adjustment procedure for the TRANS POWER FAULT indicator calls for a 3 db (500 watts) adjustment to light the TRANS POWER FAULT indicator.

Add new step f.1 to read, "Replace cover plate removed in step e.1, above."

REASON: To replace the cover plate.

Zone C 3. On J1-2, change "+24 VDC to "+5 VDC."

REASON: This is the output line of the 5 VDC power supply. + 24 VDC is the input voltage.

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SSG I. M. DeSpirito 999-1776

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SSG I. M. DeSpirito

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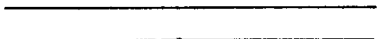
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The Adjutant General

BERNARD W. ROGERS
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