ARMY TM 11-5805-386-34
NAVY NAVELEX 0967-466-1020

TECHNICAL MANUAL

DIRECT SUPPORT AND GENERAL SUPPORT

MAINTENANCE MANUAL

INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST
(INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS)
FOR

CONVERTER, TELEPHONE SIGNAL CV-1919A/G

(FSN 5805-229-5417)

DEPARTMENTS OF THE ARMY AND THE NAVY
DECEMBER 1974

TECHNICAL MANUAL
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WASHINGTON, DC *10 December 1974*

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE MANUAL INCLUDING REPAIR PARTS AND SPECIAL TOOLS LIST (INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS) FOR

CONVERTER, TELEPHONE SIGNAL CV-1919A/G (FSN 5805-2294417)

Current as of 17 September 1974

LIST OF ILLUSTRATIONS

CHAPTER 1

INTRODUCTION

1-1. Scope

This technical manual covers direct support and general support maintenance procedures for Converter, Telephone Signal CV-1919A/G. It includes references and repair parts and special tools lists in the appendixes.

1-2. Maintenance Forms and Records

a. Report of Maintenance and Unsatisfactory Equipment. Use equipment forms and records in accordance with instructions given in TM 38-750.

b. Report of Packaging and Handling Deficiencies. Fill out and forward DD Form 6 (report of Packaging and Handling Deficiencies) as prescribed in AR 700-58 (Army)/NAVSUP PUB 378 (Navy)/AFR 71-4 (Air Force) MCO P4030.29 (Marine Corps), and DSAR 4145.8.

c. Discrepancy in Shipment Report (DISREP) (SF 361). Fill out and forward Discrepancy in Shipment Report (DISREP) (SF 361) as prescribed in AR 55-38 (Army)/NAVSUPINST 4610.33/AFM 75-18/MCO P4610.19A (Marine Corps), and DSAR 4500.15.

d. Reporting of Equipment Publication Improvements. The reporting of errors, omissions, and recommendations for improving this manual by the individual user is encouraged. Reports should be submitted on DA Form 2028 (Recommended Changes to Publications and Blank Forms) and forwarded direct to Commander, US Army Electronics Command, ATTN: AMSEL-MA-C, Fort Monmouth, NJ 07703.

e. *Administrative Storage.* For procedures, forms and records, and inspections required during administrative storage of the equipment, refer to TM 740-90-1.

CHAPTER 2

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE INSTRUCTIONS

Section 1. GENERAL

2-1. Scope

This chapter contains instructions for isolating troubles to a module, printed wiring board or part authorized for support at the direct support or general support. Instructions are provided for removal and replacement of parts where the procedure is not obvious. Direct support maintenance is performed on-site in the system configuration.

2-2. Voltage and Resistance Measurements

a. General Test points, on the rear panel of each module, are common to many of the printed wiring board terminals. Check the terminals at test points first; then, if additional checking is necessary, refer to paragraphs 2-8 through 2-13 for disassembly instructions for access to the other terminals on the printed wiring board. Module test points are listed as applicable to each printed wiring board.

b. Test Equipment. The maintenance allocation chart lists a 20,000 ohms-per-volt meter for dc measurements. Use Multimeter TS-352B/U or equivalent for dc voltage and resistance measurements. Use Oscilloscope AN/USM-281A or equivalent for ac voltage measurements and for checking waveforms. Refer to the repair parts and special tools list (RPSTL) in appendix B and to the maintenance allocation chart (MAC) in TM 11-5805-388-12.

c. Precautions.

(1) Observe multimeter battery polarity. Polarity reversal may damage transistors or electrolytic capacitors.

(2) Make sure that shorts are not caused by exposed test equipment connections. Tape or sleeve (spaghetti) test prods or clips to leave exposed only the area needed to make contact with the circuit under test.

d. Resistance Measurements.

(1) Continuity (resistance) measurements are made with the negative probe grounded. Set the TS-352B/U to RX 100 unless otherwise specified. Refer to the footnotes at the end of the resistance chart for change of scale or special conditions.

(2) Refer to the wiring diagrams for point-to-point continuity measurements in order to isolate faults associated with wiring, receptacles, and the rear panel binding posts.

CAUTION

Be sure equipment power is off before removing or reinstalling any module or while taking resistance measurements in common module.

(3) Remove module from equipment for access to test points and to isolate the module from shunting resistances.

(4) Resistance measurements chart:

Term No.	*Channel modules 1A1 through 1A3*				*Common module 1A4 common A2*
	Analog A1A1		*Logic A1A12*		
E1		INF	(TP3)	570	5700
E2		INF		INF	10K
E3		1260		INF	5700
E4	(GND)	0	(GND)	0	5400
ES		1030		250K[2]	5K
E6	(TP2)	7000		6100	5K
E7	(TP3)	570		240K[2]	0
E8	(TP4)	9600		5750	INF
E9	(TP5)	12K		250K[2]	INF
E10	(TP1)	400		2950	INF

See footnotes at end of chart.

Term No.	channel modules 1A1 through 1A3				Common module 1A4 commmon A2	
	Analog A1A1		Logic A1A12			
E11				250K [2]		INF
E12				20K [3]	(TP8)	4400
E13				250K [2]	(TP1)	16K
E14			(TP4)	17K	(TP4)	5300
E15				20.5K [2]	(TP7)	9K
E16			(TP2)	7000 [1]	(TP2)	18K
E17			(TP5)	12K	(TP6)	9K
E18				1280	(TP5)	8500
E19				1030		4400
E20				I N F		4400
E21				INF		4400
E22				270K [2]		4400
E23				270K [2]		4400
E24				2800		4600
E25				INF		4400
E26				12.5K		4400
E27			(TP6)	2150		4400
E28			(TP7)	6700		4400
E29			(TP8)	5900		4400
E30						4600
E31						
E32						

[1] Use RX 100 scale.
[2] Use RX10000 scale.
[3] Depress ACCESS pushbutton while measuring.

e. Dc Voltage Measurements.

(1) The dc voltage measurements are taken with the TS-352B/U with negative probe grounded unless otherwise specified. The readings are positive in respect to ground and have a tolerance of ±10%.

CAUTION

Be sure equipment power is off before removing or reinstalling any module or the extender cable.

(2) Connect TA-341(*)/TT send pair through Attenuator TS-402(*)/U to RECEIVE pair binding posts of channel under test. Set the frs-402(*)/U for 24 dB attenuation

(3) Connect applicable module to equipment with extender cable (part number 211681 FMC 15412 or equivalent) for access to test points. Equipment should be complete with normal complement of modules including the module under test.

(4) Idle condition is when there are no incoming or outgoing signals, request for service indicators are extinguished, and plugs are removed from channel access jacks.

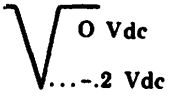
(5) Dc voltage measurements chart:

Terminal No.	Channel modules 1A1 through 1A3				Common module 1A4A2	
	Analog A1A1		Logic A1A2			
	Idle	Active	Idle	Active	Idle	Action
E1	0	-	(TP3) 1.0	-	(NC) 0	5.7 [8]
E2	0	-	0	-	0	4.5 [8]
E3	6.4	-	0	-		5.7 [8]
E4	(GND) 0	-	(GND) 0	-		(8)
E5	3.0	-		*f* below	6.4	-
E6	(TP2) 0	5.7 [1]	0	5.5 [4]	6.4	-
E7	(TP3) 1.0	-	0	*f*	(GND)0	-

See footnotes at end of chart.

Terminal No.	Channell modules 1A1 through 1A3				Common module 1A4A2	
	Analog A1A1		Logic A1A2			
	Idle	Active	Idle	Active	Idle	Action
E8	(TP4) 0	5.7[2]	0	below 5.8[5]	1.7	f below
E9	(TP5) 0	5.8[3]	0	f below	1.7	f below
E10	(TP1) 0				1.7	f below
E11			0	para f below	1.7	f below
E12			0	4.7[6]	(TP8) 3.8	
E13					(TP1) 0	f below
E14			(TP4) O	5.7[2]	(TP4) 0	f below
E15			0	5.7[6]	(TP7) 3.0	f below
E16			(TP2) 0	5.7[1]	(TP2) 0	f below
E17			(TP5) O	5.8[3]	(TP6) 3.0	f below
E18			6.4		(TP5) 3.0	f below
E19			3.0		3.0	
E20			0		3.0	
E21			0		3.0	
E22			6.4[7]	0	3.0	
E23			6.4[7]	0	3.0	
E24			6.4	0[2] and[1]	3.0	
E25			0	(NC)5.3[2]	3.0	
E26			0	4.5[2] and[1]	3.0	
E27			(TP6) 0	2.1[2] and[1]	3.0	
E28			(TP7) 0	5.6[2]	3.0	
E29			(TP8) 0	5.7[1]	3.0	
E30					3.0	
E31					3.0	
E32					(TP3) 0	f below

[1] With PL-51 inserted in channel jack, place TA341(*)/TT on hook The detected release tone time duration is determined by the release timer of the TA-341(*)/TT. Reset to IDLE by removing PL-51 from thannel jack.
[2] Take TA-341(*)/TT off hook. Reset to IDLE by inserting and removing PL-51 from the channel jack.
[3] Connect jumper from TP3 of logic board to pin E 11 of logic board (refer to figure FO-3 for pin location).
[4] Depress ACCESS and SEIZE pushbutton.
[5] Depress ACCESS pushbutton and any DTM F keysender switch.
[6] Depress ACCESS and RELEASE pushbutton-duration of release tone is three to ten seconds.
[7] Use AN /USM-281A in place of TS-362B/U for measurement. Insert PL-51 for ACTIVE indication.
[8] Use AN/USM-281 A and observe power on reset signal for 330 ms negative pulse at power turn on. Waveform observed on AN/USM-281A should be as follows:



f. Ac Voltage Measurements.

(1) The ac voltages are measured peak-to-peak ±10% using the AN/USM-281A with the negative probe connected to ground.

(2) Connect Telephone Set TA-341(*)/TT send pair through Attenuator TS-402(*)/U to channel RECEIVE binding posts of channel under test. Set the TS-402(*)/U for 24 dB attanuation.

(3) The frequency of the signals is listed as a guide for setting the AN/USM-281A controls and not for specific frequency measurement.

(4) The signal is a sine wave unless otherwise specified.

CAUTION

Be sure equipment power is off before removing or reinstalling any module or the extender cable.

(5) Connect applicable module to equipment with extender cable (part number) 211681 FM C 15412 or equivalent) for access to test points. Equipment should be complete with normal complement of modules including the module under test.

(6) Measurements are made with equipment in idle condition and service request indicator extinguished unless other specified.

(7) Logic printed wiring board (1A1 through 1A3) A1A2.

Terminal	*Signal*	*Note*
ES	0.3 Vat 2250 Hz on 1.3 Vdc level.	Press ACCESS SEIZE pushbutton.
E7	0.6 V **NOTE** Frequency is dependent on DTMF key selection.	Press ACCESS and DTMF keysender switches one at a time.
E9	0.3 at 2600 Hz on 1.2 Vdc level.	Press ACCESS and RELEASE pushbuttons.
E11	0.3 V at 570 Hz on 1.4 Vdc level.	Lift TA-341(*)/TT handset off hook.
E13	0.3 Vat 425 Hz on 1.4 Vdc level.	Lift TA-341(*)/TT handset off hook and then return handset to on-hook.

(8) Common printed wiring board 1A4A2.

Terminal	*Signal*	*Note*
E8	0.3 Vat 425 Hz on 1.7 Vdc level	
E9	0.3 Vat 2250 Hz on 1.7 Vdc level	
E10	0.3 Vat 570 Hz on 1.7 Vdc level	
E11	0.3 Vat 2600 Hz on 1.7 Vdc level	
E13 (TP1)	6.0 V at 10 Hz	Lift TS-341(*)/TT handset off hook. Waveform is a square wave.
E14 (TP4)	0.3 Vat 425 Hz on 0 Vdc level	
E15 (TP7)	0.3 Vat 2250 Hz on 3.0 Vdc level	
E16 (TP2)	6.0 Vat 0.167 Hz on 0 Vdc level	Lift TS-341(*)/TT handset off hook. Waveform is a square wave with a duration of 2 seconds low l nd 4 seconds high.
E17 (TP6)	0.3 Vat 2600 Hz on 3.0 Vdc level	
E18 (TP5)	0.3 Vat 570 Hz on 3.0 Vdc level	
E20	1.8 Vat 2250 Hz on 3.0 Vdc level	
E21	4.0 Vat 2250 Hz on 3.0 Vdc level	
E22	1.2 Vat 2250 Hz on 3.0 Vdc level	
E23	1.8 Vat 570 Hz on 3.0 Vdc level	
E24	4.0 Vat 570 Hz on 3.0 Vdc level	
E25	1.2 Vat 570 Hz on 3.0 Vdc level	
E26	1.8 Vat 2600 Hz on 3.0 Vdc level	
E27	4.0 Vat 2600 Hz on 3.0 Vdc level	
E28	1.2 Vat 2600 Hz on 3.0 Vdc level	
E29	1.6 Vat 425 Hz on 3.0 Vdc level	
E30	3.8 Vat 425 Hz on 3.0 Vdc level	
E31	1.1 V at 425 Hz on 3.0 level	Lift TA-341(*)/TT handset off hook. Waveform is a square wave- 2 sec on, 4 sec off.
E32 (TP3)	6.0 V at 10 “Hz	

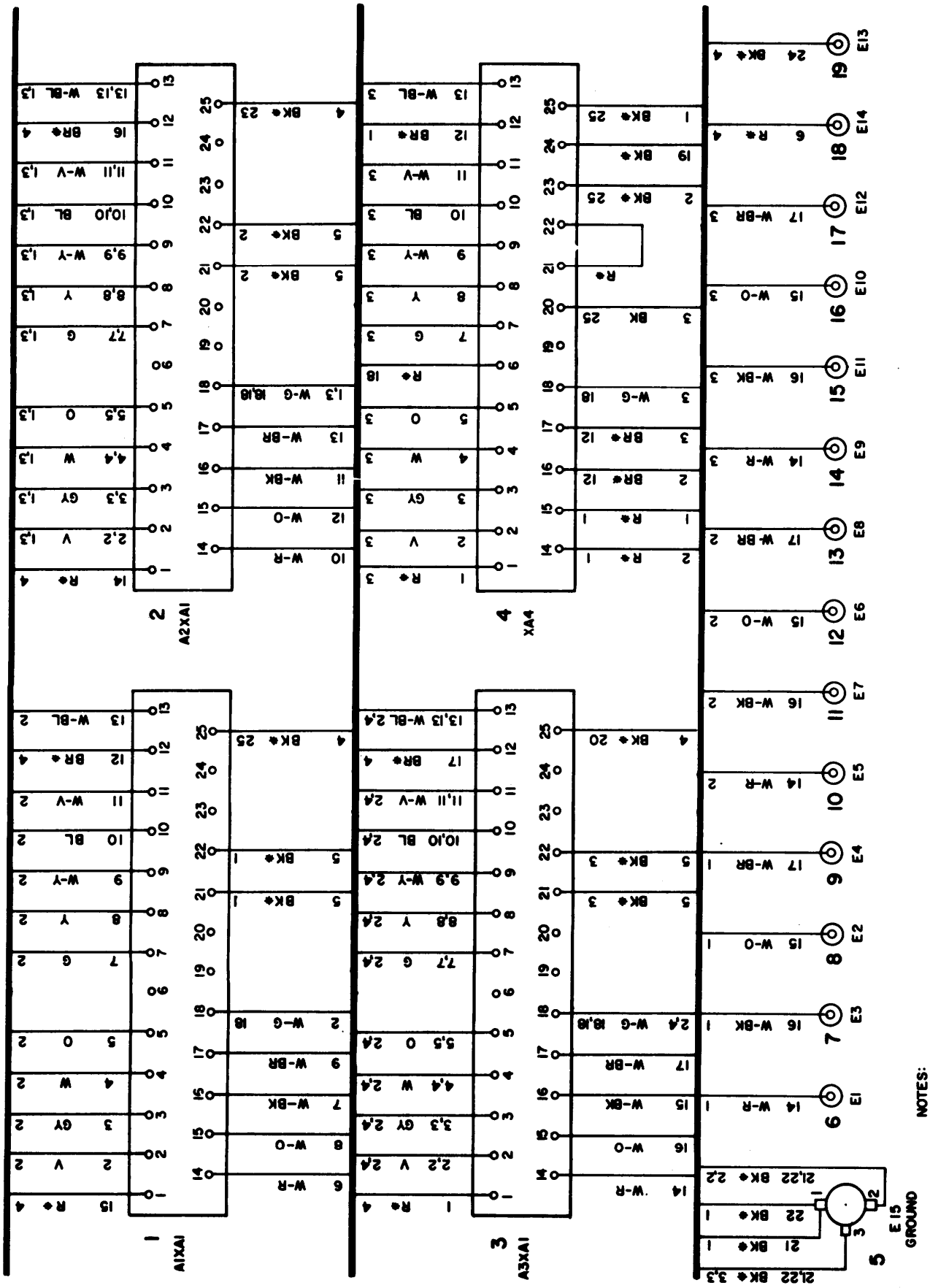
2-3. Supporting Illustrations

The schematic and wiring diagrams supplement the voltage and resistance charts for tracing circuit faults to a printed wiring board or chassis-mounted part. The parts location drawings identify the chassis-mounted parts of the case and the channel modules. Refer to figures 2-1 through 2-9 and FO-1 through FO-4.

Section II. TROUBLESHOOTING

2-4. General

Troubleshooting at direct and general support maintenance isolates a fault to a module, a subassembly, or a panel-mounted part. The troubleshooting chart refers to signals, voltages or resistance measurements at channel test points and printed wiring board terminals. Refer to the voltage and resistance charts in paragraph 2-3 for these measurements.



NOTES:
1. ALL WIRES 22 AWG, UNLESS OTHERWISE SPECIFIED. 2. PREFIX ALL REFERENCE DESIGNATIONS WITH I.
* INDICATES 20 AWG WIRE.

Figure 2-1. CV-1919A/G chassis wiring diagram.

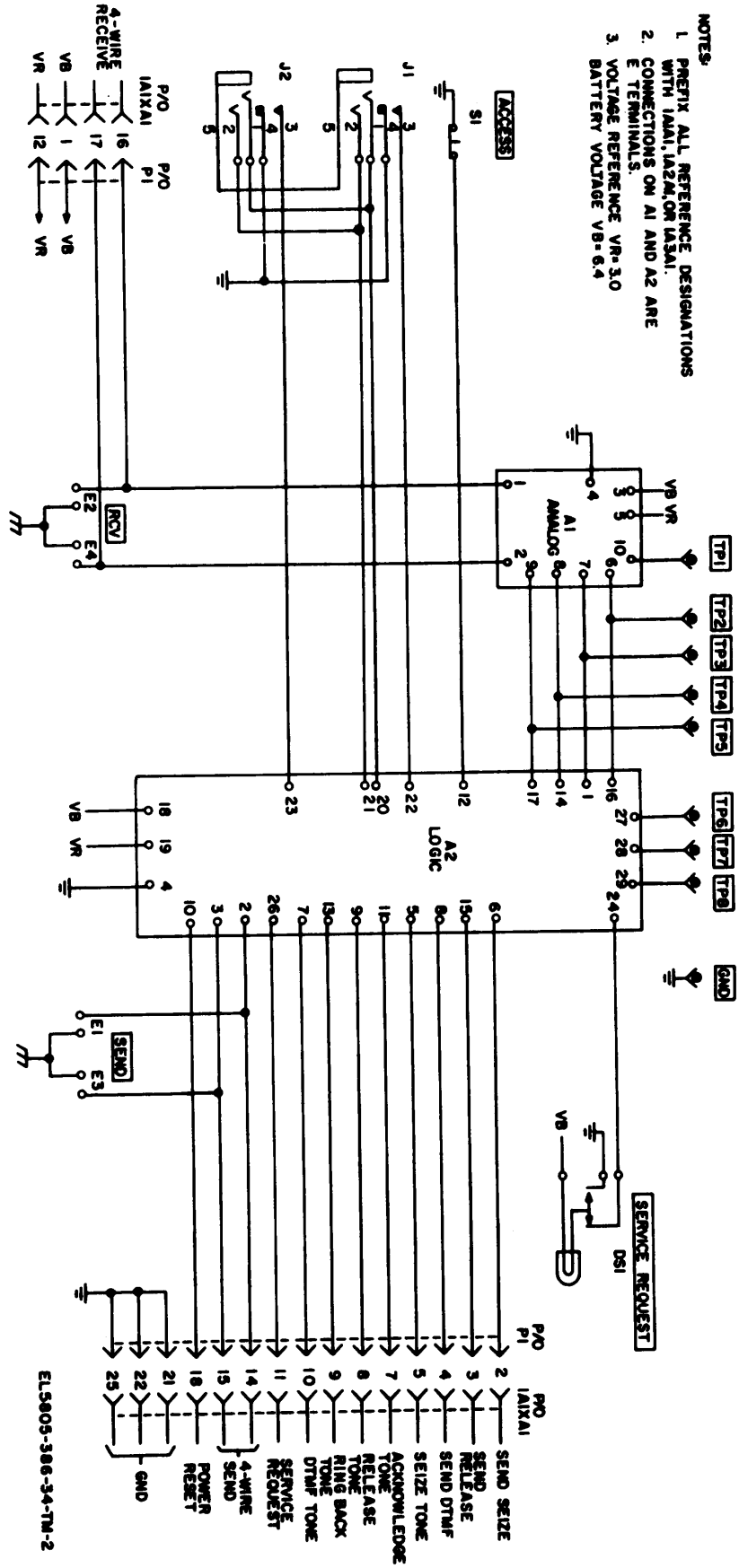


Figure 2-2. Channel module, schematic diagram.

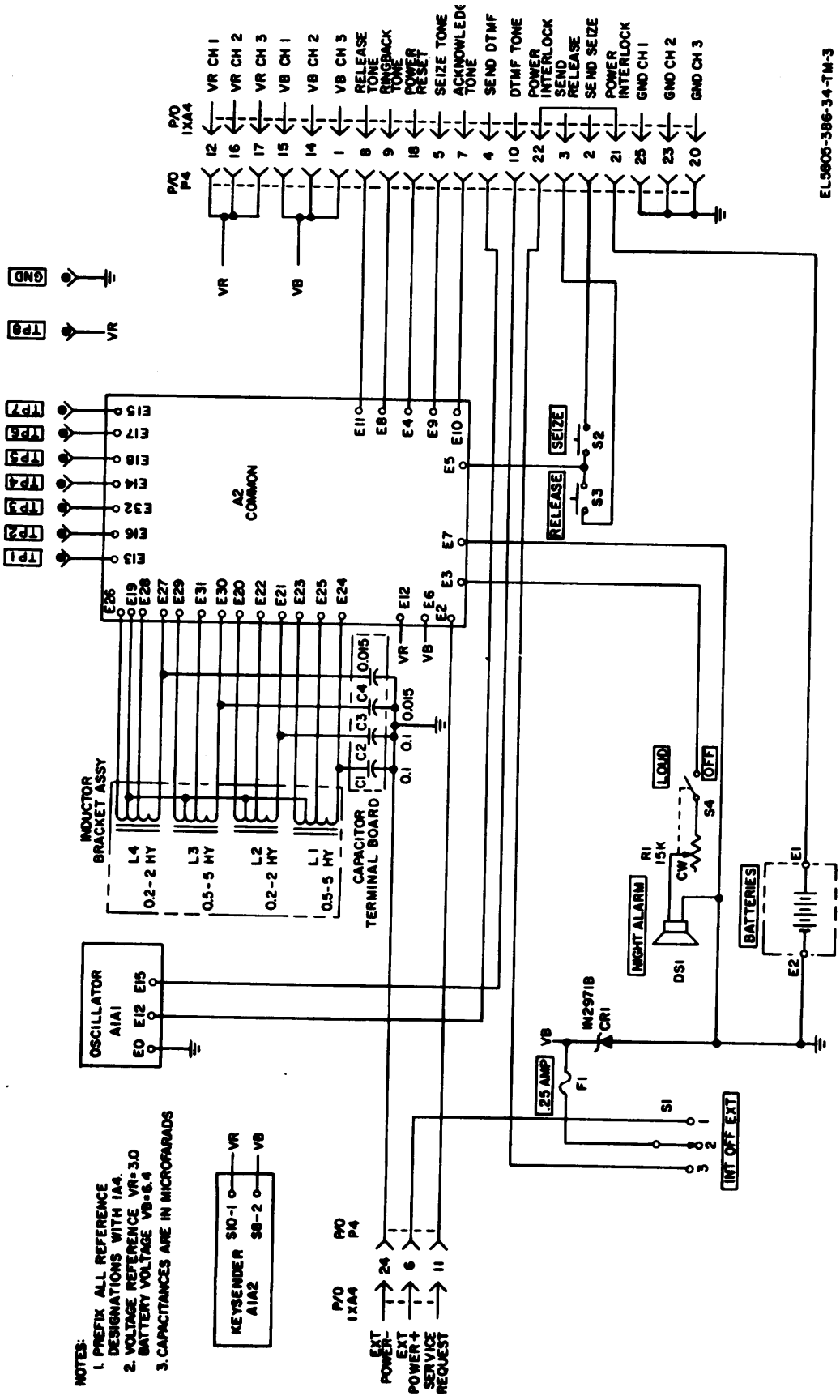


Figure 2-3. Common module, schematic diagram.

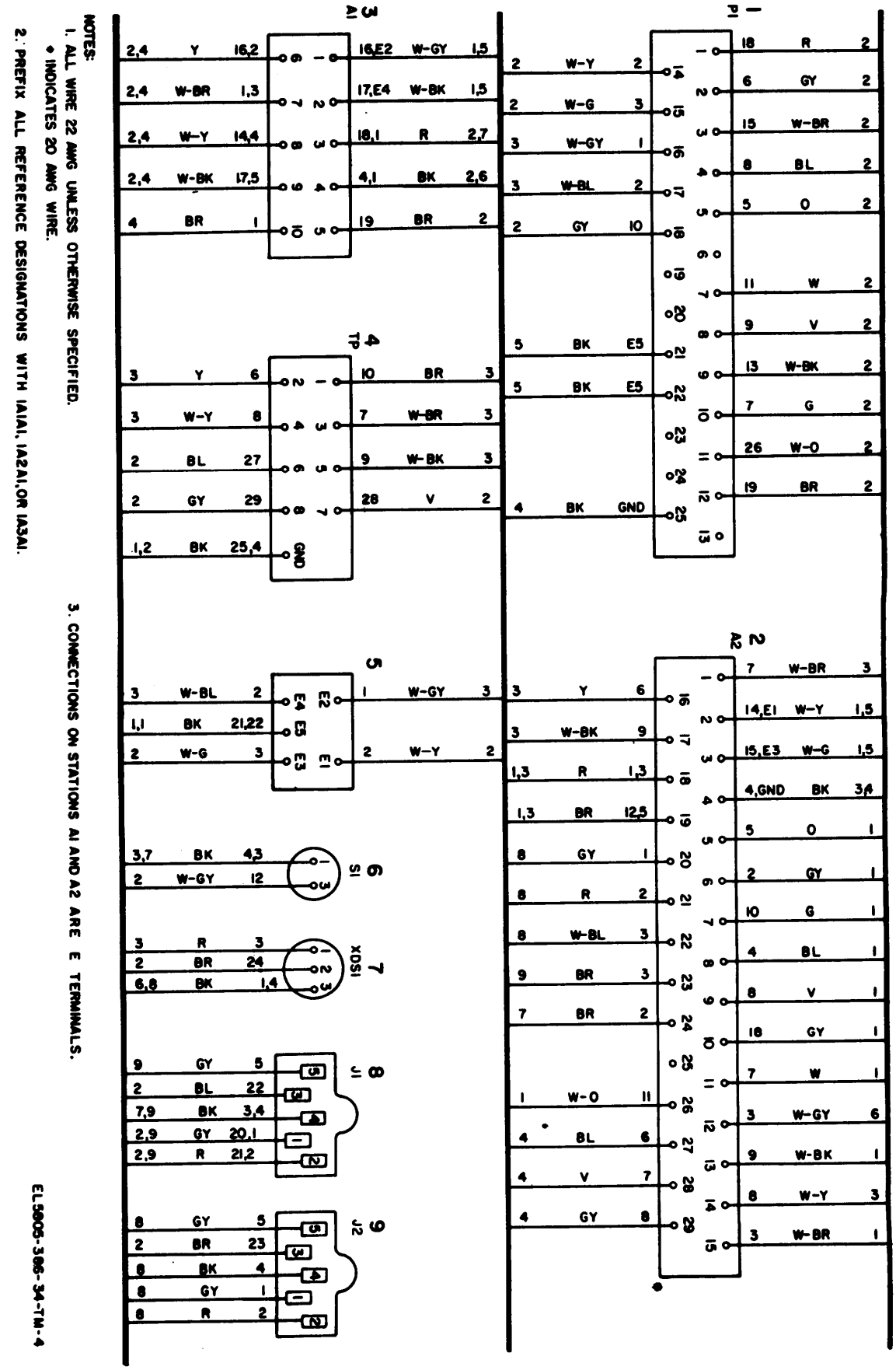
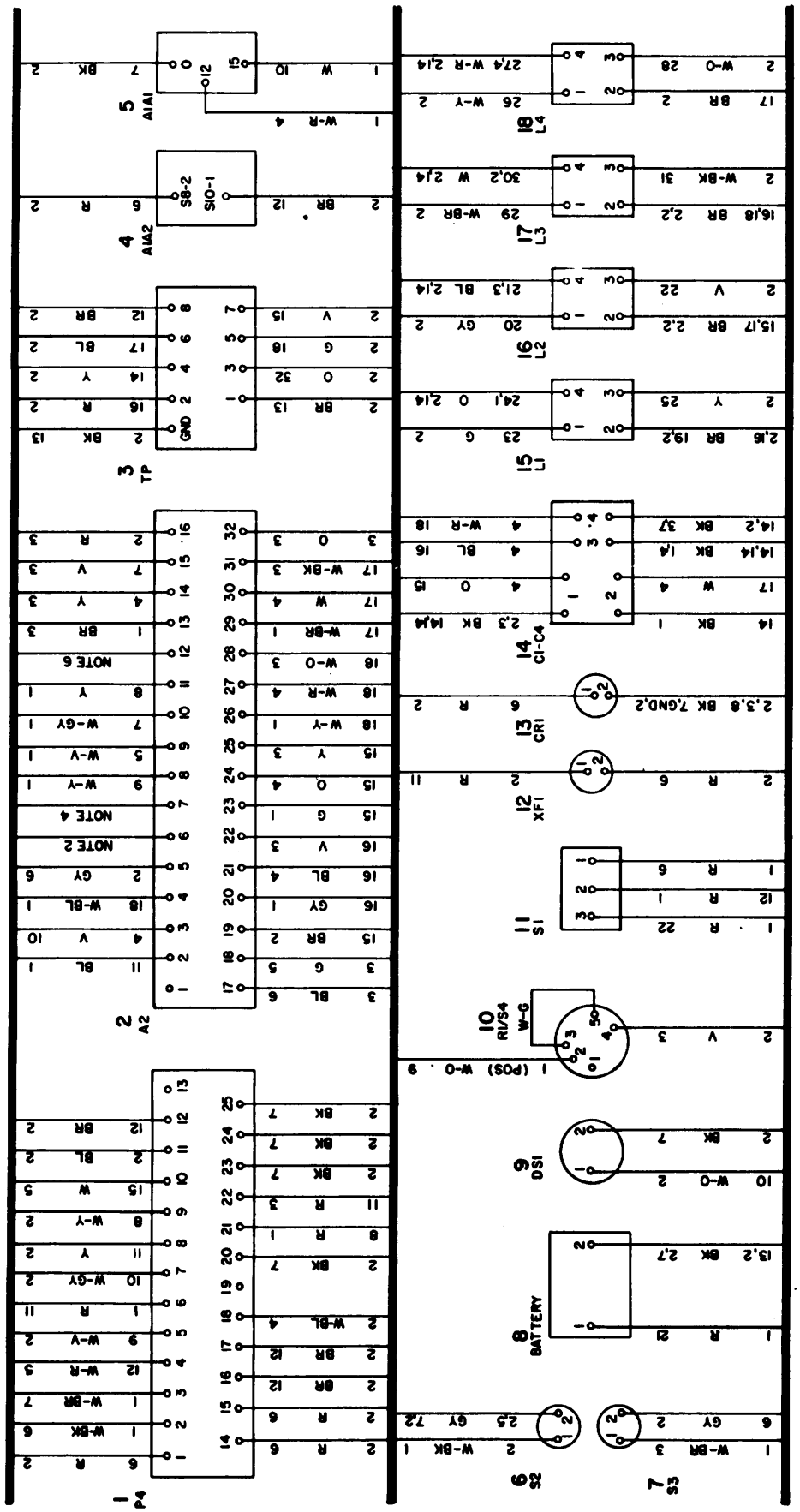


Figure 2-4. Channel module, wiring diagram.



NOTES:

1. ALL WIRE 22 AWG, UNLESS OTHERWISE SPECIFIED.
2. WIRING FROM STATION 2 TERMINAL 6 ARE RED AND GO TO:

STATION	TERMINAL
1	1
1	14
1	15
4	S8-2
12	2
13	1

3. CONNECTIONS AT STATIONS 2 (A2) AND 5 (A1A1) ARE E TERMINALS.
4. WIRES FROM STATION 2 TERMINAL 7 ARE BLACK AND GO TO:

STATION	TERMINAL
1	20
1	23
1	25
5	0
9	2 (NEG)
13	2
1	24
8	2

5. PREFIX ALL REFERENCE DESIGNATIONS WITH 1A4
6. WIRES FROM STATION 2 TERMINAL 12 ARE BROWN AND GO TO:

STATION	TERMINAL
1	12
1	16
1	17
3	8
4	S10-1

EL5805-386-34-TM-5

Figure 2-5. Common module, wiring diagram.

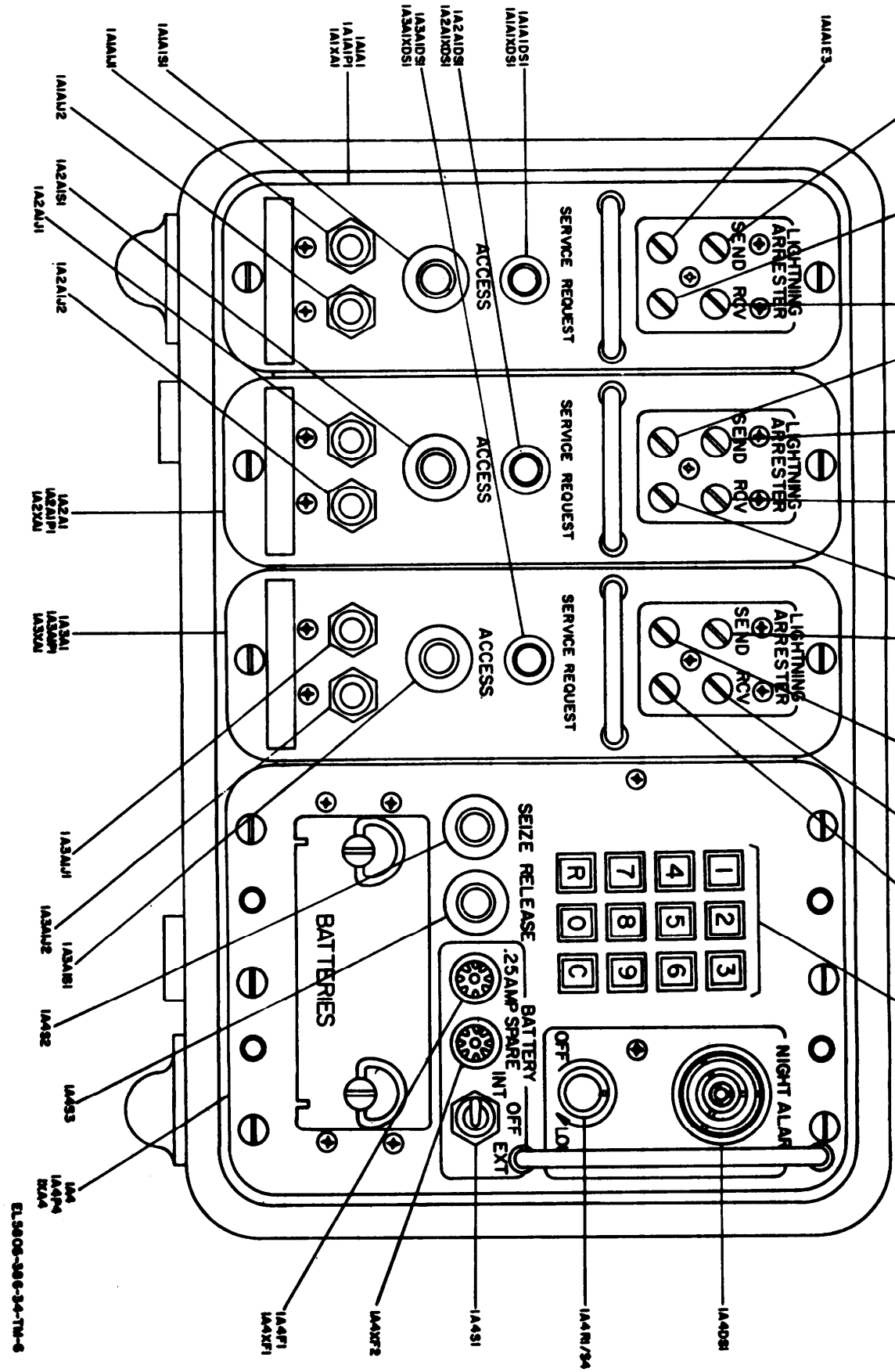


Figure 2-6. CV-1919A/G front panel, parts location.

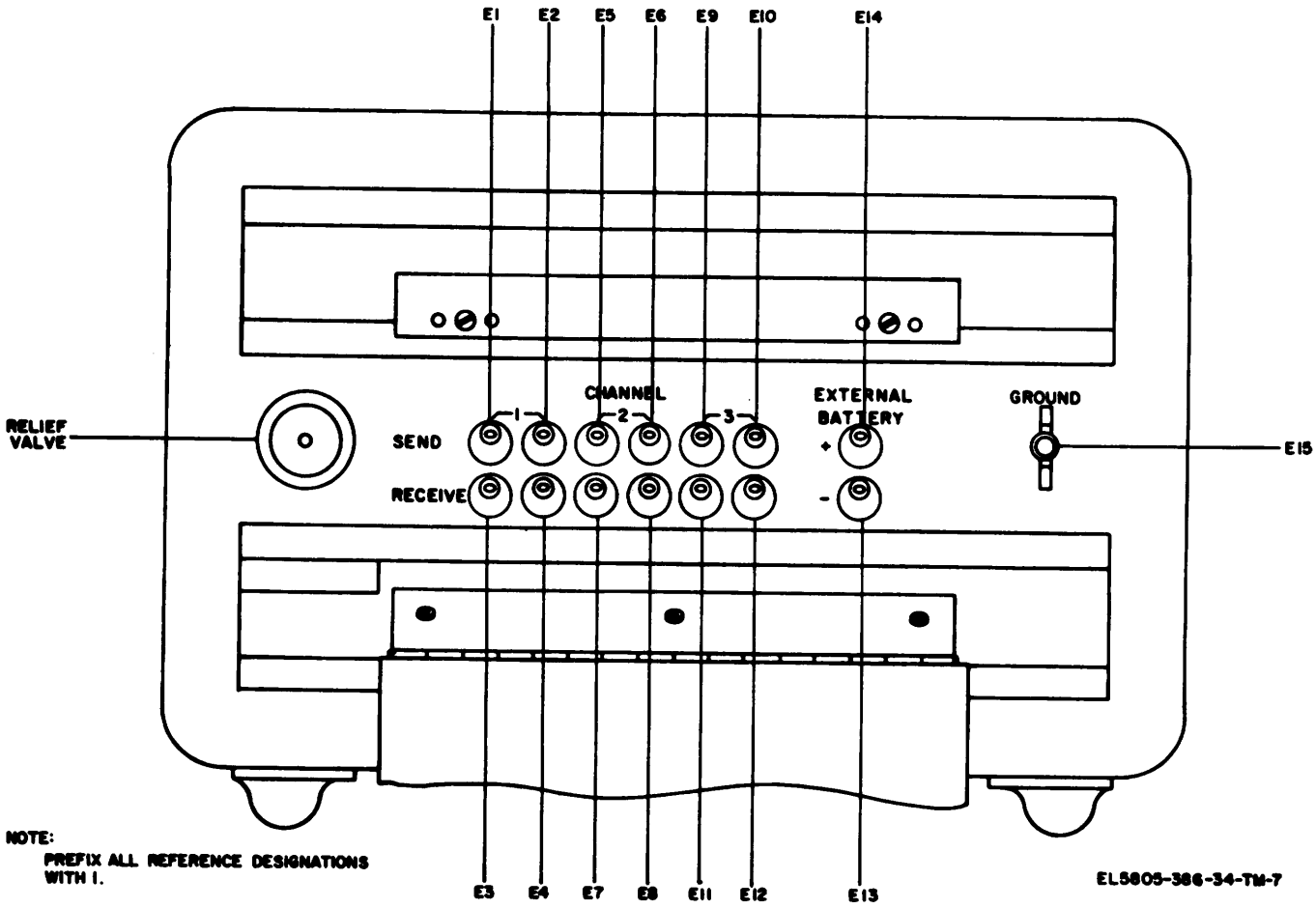


Figure 2-7. CV-1919A/G rear panel, parts location

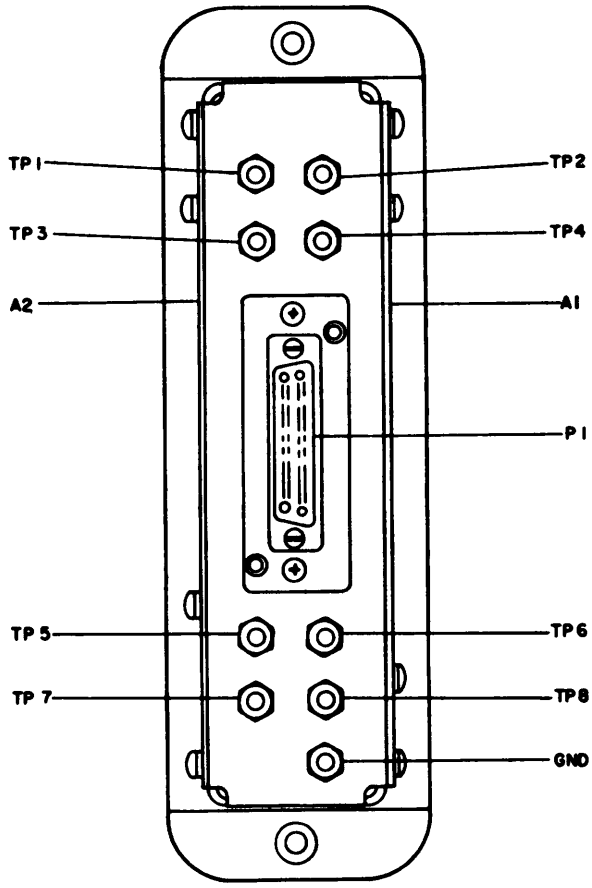


Figure 2-8. Channel module rear panel, parts location.

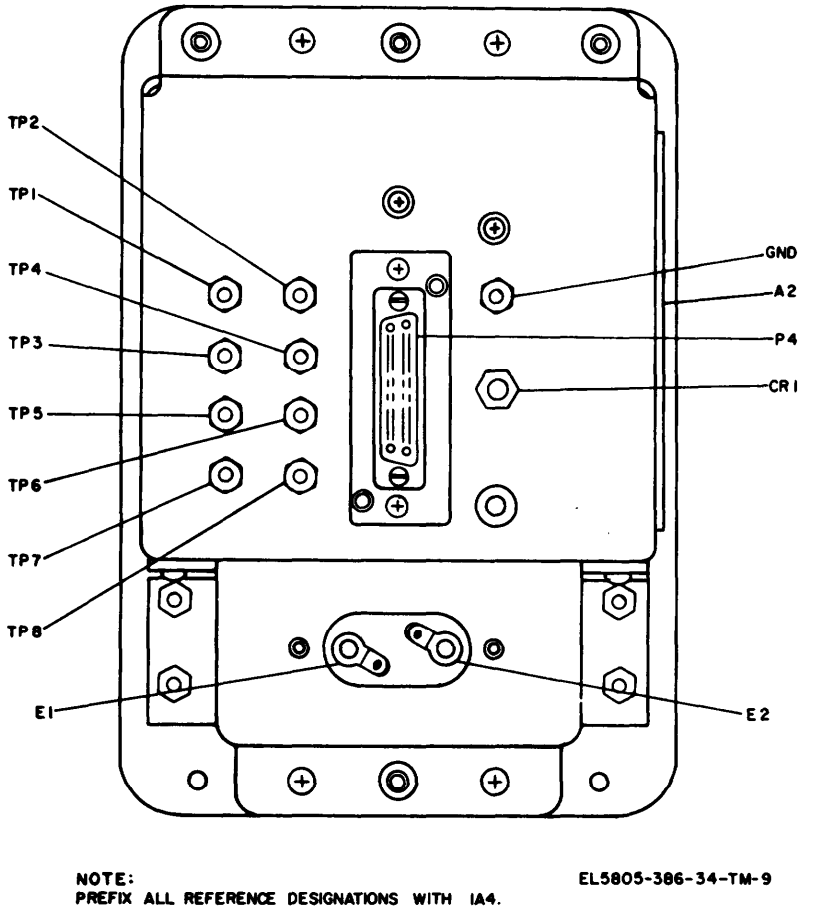


Figure 2-9. Common module rear panel, parts location.

2-5. Organization of Troubleshooting Procedures

a. General. The first step in servicing the CV-1919A/G is to determine if a module is defective. Use module replacement to determine whether defect is in module or converter chassis. Further troubleshooting localizes the fault to a printed wiring board or panel-mounted part.

b. *Visual Inspection.* Inspect the modules and printed wiring boards for burned components, broken or loose leads and defective solder connections. These faults may often be located by sight or smell.

c. *Troubleshooting.*

(1) The troubleshooting chart lists symptoms of possible troubles, probable causes, and corrective action. The voltage and resistance charts provide some of the information referenced in the Corrective *action* column. If the trouble was not initially defined, use the operational performance test (para 2-7) to determine trouble symptoms.

(2) Refer to the wiring diagrams for point. to-point continuity checks.

(3) Connect TA-341(*)/TT send pair through TS-402(*)/U to channel under test RECEIVE binding posts and RECEIVE pair to corresponding SEND binding posts, Set TS-402(*)/U for 24 dB attenuation.

2-6. Troubleshooting Charts

The following charts list the malfunctions, probable causes, and corrective actions commonly associated with the CV-1919A/G when troubleshooting. The chart in *a* below provides information concerning trouble on all channels, and the chart in *b* below provides information concerning trouble on any one channel.

a. Trouble On All Channels.

Malfunction	*Probable cause*	*Corrective action*
1. No operation on internal nor external power.	a. Fuse 1A4 F1 open. b. INT-OFF-EXT switch defective.	*a.* Check .25 AMP fuse; replace, if defective. *b.* Check contacts of switch for continuity; replace, if defective.
2. No operation on internal power; normal operation on external power.	a. Power switch not in INT position. *b.* Corroded battery contacts. *c.* Weak or dead batteries. *d.* Power switch defective.	*a.* Set power switch to INT. *b.* Clean battery contacts. *c.* Replace batteries. *d.* Set power switch to INT and check contact continuity; replace switch, if defective.
3. NIGHT ALARM inoperative.	a. NIGHT ALARM control in OFF position. b. NIGHT ALARM defective. c. Common printed wiring board 1A4A2 defective. d. NIGHT ALARM control defective.	*a.* Turn control clockwise. *b.* Set control to LOUD, activate a SERVICE REQUEST indicator, and check that voltage lcross NIGHT ALARM indicator terminals is 5.4 Vdc ±1; replace NIGHT ALARM indicator, if defective. *c.* Activate a SERVICE REQUEST indicator and check for 6.4 Vdc ±1 at terminal E3 of common board 1A4A2; if voltage is not present, replace common board 1A4A2. *d.* If E3 voltage is present, but there is no voltage at NIGHT ALARM indicator terminals, replace control,
4. 570 Hz acknowledge tone not heard after pressing SEIZE and ACCESS pushbuttons while connected to remote switchboard.	a. Defective SEIZE pushbutton. *b. Seize* tone oscillator not working.	a. Press SEIZE pushbutton and check continuity: replace, if defective. *b.* If signal is not present at test point TP7 *on* common module, check capacitor 1A4C3 for short and inductor 1A4L2 for open; replace, if defective. If they are not defective, replace common board 1A4A2. c. If signal is present, check dc voltage at terminal E9 on common board 1A4A2; , if voltage is not present, replace common board 1A4A2.
5. *Single tone* heard when keying digits from keysender.	*a.* Low or high frequency oscillator defective. *b.* Keysender pushbuttons defective.	a. Replace keysender and oscillator assembly 1A4Al in common module. *b.* Replace keysender and oscillator assembly 1A4A1 in common module.
6. One digit of keysender provides no tone or single tone output.	Keysender pushbutton defective.	Replace keysender and oscillator assembly 1A4A1 in common module.
7. No DTMF tone outpute occur; all other operations normal.	a. Defective wiring in VR circuit. *b.* Defective keysender and oscillator assembly.	a. Check for +3.0 V at S10-1 on keysender 1A4A1A2. *b.* Check for +6.4 V l t E12 (W-R wire with any key depressed and for 0.75 V p-p DTMF tones at E15 (W wire) with each key depressed. If l ny voltage is not present, replace keysender and oscillator assembly 1A4A1.
8. 2600-Hz release tone not generated when RELEASE pushbutton on	a. RELEASE pushbutton defective. b. Release oscillator defective.	*a.* Check continuity of RELEASE pushbutton: replace. if defective. *b.* If signal is not present at test point TP6 on common module, check capacitor

Malfunction	*Probable cause*	Corrective action
common module and ACCESS pushbutton on channel module are pressed.		1A4C4 for short and inductor 1A4L4 for open; replace, if defective. If they are not defective, replace common board 1A4A2. c. If signal is present at test point TP6 on common module, check dc voltage at terminal E 11: if voltage is not present replace common board 1A4A2.
9. SERVICE REQUEST indicator light does not go out when plug is inserted into either channel jack.	570-Hz oscillator is defective.	*a.* If signal is not present at test point TP5 on common module, check capacitor 1A4C1 for short and inductor 1A4L1 for open; replace if defective. If they are not defective, replace common board 1A4A2. *b.* If signal is present at TP5, check dc voltage at terminal E 10 on common board 1A4A2. If voltage is not present, replace common board 1A4A2.
10. 4-wire subscriber(s) indicates ringback not received when seizing channel.	Ringback oscillator or interrupter circuit defective.	*a.* If signal is not present at TP4 on common module, check capacitor 1A4C2 for short and 1A4L3 for open; replace, if defective. If they are not defective, replace common board 1A4A2. *b.* If signal is present at TP4, check dc voltage at terminal E8 of common board 1A4A2; if voltage is not present, replace common board 1A4A2.

b. Trouble On Any One Channel.

Malfunction	*Probable cause*	*Corrective action*
1. NIGHT ALARM and SERVICE REQUEST do not operate.	2250-Hz detector on channel module analog board or seize latch on logic board defective.	Lift receiver from TA-341 (*)/TT to apply seize signal, then measure voltage at TP4; if voltage is over 3 volts, replace logic board A1A2; if voltage is less than 1 volt, replace analog board A1A1.
2. SERVICE REQUEST indicator does not operate, but NIGHT ALARM does,	*a.* SERVICE REQUEST indicator defective. *b.* Logic board A1A2 defective.	*a.* Check lamp; replace, if defective. *b.* Replace logic board A1A2.
3. 570-Hz acknowledge tone not heard after pressing SEIZE and ACCESS pushbuttons.	*a.* ACCESS pushbutton defective. *b.* Logic printed wiring board A1A2 defective.	*a.* Press ACCESS pushbutton and check continuity; replace, if defective. *b.* Replace logic board A1A2.
4. No DTM F tone outputs occur. All other operation normal.	DTMF gate circuit defective.	Replace logic board A1A2,
5. SERVICE REQUEST indicator light does not go out when plug is inserted into one channel jack.	*a.* Channel jack defective. *b.* Logic printed wiring board A1A2 defective.	*a.* Insert plug into other channel jack; if light goes out, replace first jack. *b.* Replace logic board A1A2.
6. SERVICE REQUEST indicator light does not go out when plug is inserted into either channel jack.	Acknowledge gate circuit inoperative.	Replace logic board A1A2.

Malfunction	*Probab/e cause*	Corrective *action*
7. 2600-Hz release tone not cent.	*a.* ACCESS pushbutton defective. *b.* Logic printed wiring board A1A2 defective.	*a.* Press ACCESS pushbutton and check continuity; replace, if defective. *b.* Replace logic board A1A2.
8. 4-wire subscriber(s) indicates ring back not received when seizing channel.	Ringback gate circuit inoperative.	Replace logic board A1A2.
9. No voice transmission from 2-wire to 4-wire circuit, but transmission occurs from 4-wire to 2-wire circuit .	Access jack defective or voice gate on logic printed wiring board A 1A2.	*a.* Set TS-402(*)/U to O dB attenuation, then ineert operator's plug into second jack; if there is still no communication, replace logic board A1A2. 6. If using second jack establishes communication, replace first jack.
10. No Voice transmission from 4-Wire to 2-wire circuit , but transmission occurs from 2-wire to 4-wire circuit.	*a.* Accees jack defective. *b.* Transformer on logic printed wiring board A1A2 defective. l	*a.* Set TS-402(*)/U to 0 dB attenuation, then check 'channel module jack for faulty contact. *b.* Replace logic board A1A2.

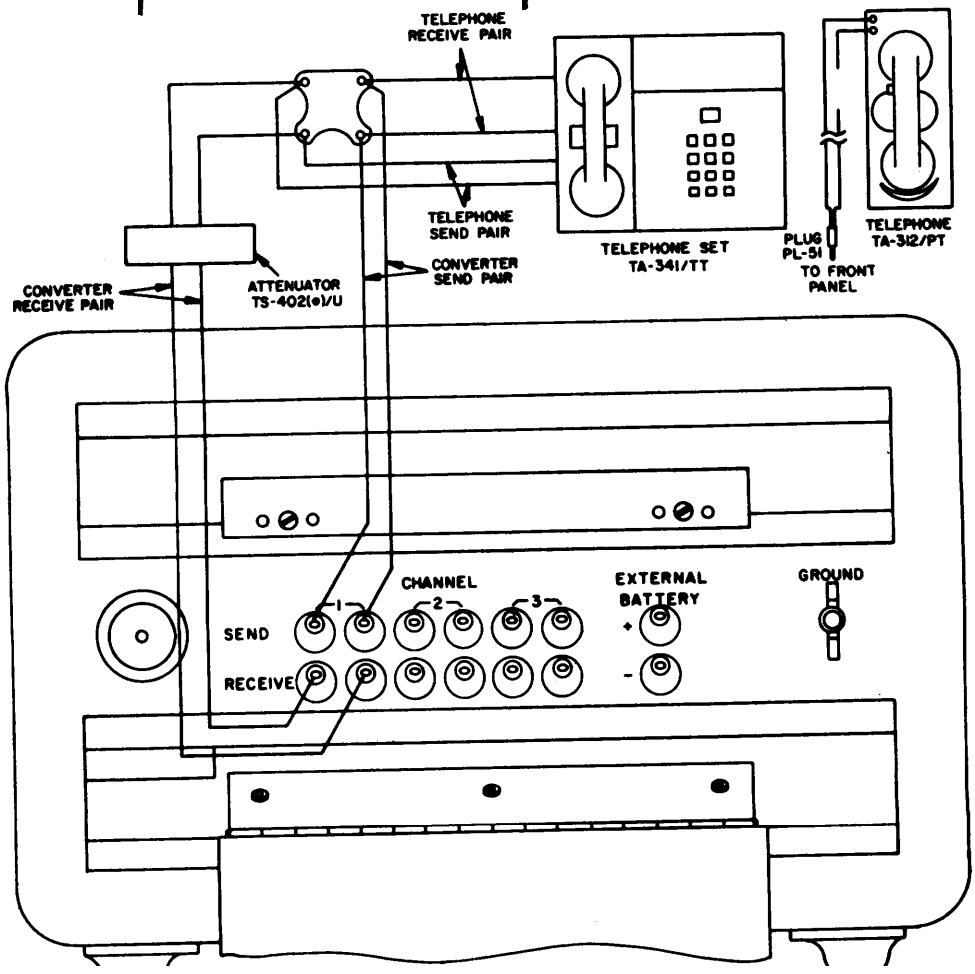


Figure 2-10. Operational performance test.

2-7. Operational Performance Test

a. Test Equipment and Materials.

(1) Telephone TA-312/PT with Plug PL-51.

(2) Telephone Set TA-341(*)/TT.

(3) Attenuator TS-402(*)/U.

b. Test Connections (fig. 2-10).

(1) Connect TA-341(*)/TT send pair through TS-402(*)/U to CV-1919A/G CHANNEL 1 RECEIVE pair.

(2) Connect TA-341(*)/TT receive pair to CV-1919A/G CHANNEL 1 SEND pair.

c. Procedure.

Step No.	Control settings: Test l quipment	Control settings: Equipment under test	Test procedure	Performance standards
1	Handset of TA-341(*)/TT on hook. TS-402(*)/U to *24* dB.	Power switch to INT. NIGHT ALARM OFF-LOUD to OFF, (Batteries installed)	Remove handset from TA-341(*)/TT and listen for signal.	SERVICE REQUEST indicator glows and ringback signal is heard.
2			Rotate NIGHT ALARM OFF-LOUD control clockwise.	NIGHT ALARM sounds and its volume increases as control is rotated.
3	Handset of TA-312/PT on hook.		Connect TA-312/PT to channel jack of channel under test.	SERVICE REQUEST indicator light goes out and NIGHT ALARM stops.
4	TS-402(*)/U to 0 dB.		Establishes two-way communication between TA-312/PT and TA-341(*)/TT; then disconnect TA-341(*)/TT send pair from TS-402(*)/U.	None
	Listen for signals in TA-341(*)/TT receiver.	Press and hold ACCESS pushbutton.	Press RELEASE pushbutton momentarily.	2600-Hz signal is heard for 3 to 10 seconds.
		Press and hold ACCESS pushbutton.	Press SEIZE pushbutton.	2250-Hz signal is heard.
		Press and hold ACCESS pushbutton.	Press keycall pushbutton 1, then 2, etc. to check all keycall pushbuttons.	DTMF signal is heard for each keycall pushbutton.
5	Reconnect TA-341(*)/TT send pair.		Handsets of TA-312/PT and TA-341(*)/TT *on* hook.	SERVICE REQUEST indicator and NIGHT ALARM activated.
6	TS-402(*)/U to 24 dB.		Handset of TA-341(*)/TT off hook.	SERVICE REQUEST indicator and NIGHT ALARM remain activated and ringback is heard in TA-341(*)/TT.
7			Disconnect TA-312/PT from channel jack.	SERVICE REQUEST indicator and NIGHT ALARM remain activated.
8			Connect TA-312/PT to other jack of channel under test.	SERVICE REQUEST indicator and NIGHT ALARM are deactivated.
9			Place handset of TA-341(*)/TT on hook.	SERVICE REQUEST indicator and NIGHT ALARM are activated.
10			Disconnect TA-312/PT from channel jack.	SERVICE REQUEST indicator and NIGHT ALARM are deactivated.
11			Repeat complete test for channels 2 and 3.	

Section III. MAINTENANCE OF TELEPHONE SIGNAL CONVERTER CV–1919A/G

2-4. General

This section provides instructions for repair of the CV-1919A/G by the replacement of assemblies and parts authorized at direct support and general support maintenance. Do not disassemble the equipment except to replace a specific defective assembly or part. The following instructions are for the removal and replacement of those chassis or panel-mounted parts for which the procedures are not obvious.

CAUTION

Turn off power before removing any module, assembly or part.

2-9. Replacement of Major Assemblies

a. Removing Channel Modules 1A1A1, 1A2A1, and 1A8A1 and Common Module 1A4.

NOTE

The three channel modules are identical and can be interchanged.

(1) Loosen the captive screws at top and bottom of module front panel.

(2) Grasp handle and pull module straight out of chassis.

b. Installing Channel Modules 1A1A1, 1A2A1, and 1A3A1, and Common Module 1A4.

(1) Carefully align the guide pins on module rear connector with guides adjacent to connector on main chassis: then press module firmly into place.

(2) See that module is properly seated and secure to the case with the captive screws on the module front panel.

c. *Removing Main Chassis.*

(1) To remove main chassis from the case, remove the three channel modules and common module (a above).

(2) Remove the 10 screws and flat washers that secure the main chassis to the case.

(3) Rotate main chassis upwards at about a 450 angle and pull the chassis through the opening at the front of the case.

CAUTION

Do not unsolder any wires except as required to remove a specific part.

d. Installing Main Chassis.

(1) While inserting main chassis into the case, tilt the chassis at about 450 angle with the top of the chassis toward the case.

(2) Slide the chassis into case, place the chassis in vertical position, and align the 10 screw holes.

(3) Insert the ten screws and fiat washers, but do not tighten.

(4) Check that cable along the rear of the chassis is not pinched and does not interfere with chassis position.

(5) Tighten the 10 screws to secure the chassis to the case.

(6) Reinstall the three channel modules and common module (*b* above).

2-10. Replacement of Printed Wiring Boards

a. Removing Channel Module Printed Wiring Boards Al and A2. When looking at the rear panel of a channel module, analog printed wiring board Al is on the right and logic printed wiring board A2 is on the left (fig. 2-6).

(1) Remove channel module (para 2-9a).

(2) Place channel module on flat surface with the board to be replaced facing up.

(3) Release board by removing the six screws and fiat washers located along the outer edge of the printed wiring board. .

NOTE

The printed wiring boards are hard-wired to the circuit at terminals located along the bottom of the board.

(4) Tilt top of printed wiring board away from channel module to gain access to the wired terminals.

(5) Label each wire with its terminal number; then unsolder the wiring harness and remove the printed wiring board.

b. Installing Channel Module Printed Wiring Boards,

(1) Place channel module on a flat surface with side on which board is to be mounted facing up (fig. 2-8).

(2) Set the printed wiring board on the channel module with the mounted parts facing away from the module and so that the wiring terminals are adjacent to the wiring harness.

(3) Tiit the top of the board away from the module and solder the wiring harness (as labeled) to the terminals.

(4) Press the beard into place and see that no wires are pinched between the board and module frame.

(5) Secure the printed wiring board with the six screws and fiat washers.

(6) Reinstall channel module (para 2-9b).

c. Removing Common Module Common Printed Wiring Board 1A4A2. When looking at the rear panel of the common module, common

printed wiring board is on the right (fig. 2-9).

(1) Remove common module (para 2-9a).

(2) Place common module on flat surface with the common printed wiring board facing up.

(3) Release board by removing the four screws and flat washers located in the corners of the board.

(4) Tilt the printed wiring board down from the top to gain access to the wiring terminals.

NOTE

The printed wiring boards are hard-wired to the circuit at terminals located along the bottom of the board.

(5) Label each wire with its terminal number then unsolder the wiring harness and remove the printed wiring board.

d. Installing Common Module Common Printed Wiring Board 1A4A2.

(1) Place common module on a flat surface with side on which board is to be mounted facing up.

(2) Set printed wiring board on the common module with mounted parts facing away from the module and so that the wiring terminals are adjacent to the wiring harness.

(3) Tilt the top of the board away from the module and solder the wiring harness (as labeled) to the terminals.

(4) Press printed wiring board into place and see that no wires are pinched between the printed wiring board and the common module frame.

(5) Secure printed wiring board with the four screws and flat washers.

(6) Reinstall common module (para 2-9 b).

2-11. Replacement of Keysender and Oscillator Assembly 1A4A1

a. Removing Keysender and Oscillator Assembly 1A4A1.

(1) Remove common module (para 2-9a).

(2) Release common module printed wiring board 1A4A2 (para 2-10C (1) through (4)).

NOTE

Do no unsolder any connections.

(3) Release keysender and oscillator assembly from the front panel by removing the two screws (located on front panel, one on each side of keysender), spacer, washers and associated nuts.

(4) Carefully remove keysender and oscillator assembly from front panel and draw it through space between module case and tilted common printed wiring board.

(5) Tag and unsolder only wires connected to terminals identified in figure 2-11. Do not detach wires to keysender tuning contacts located on each of the four sides of keysender assembly.

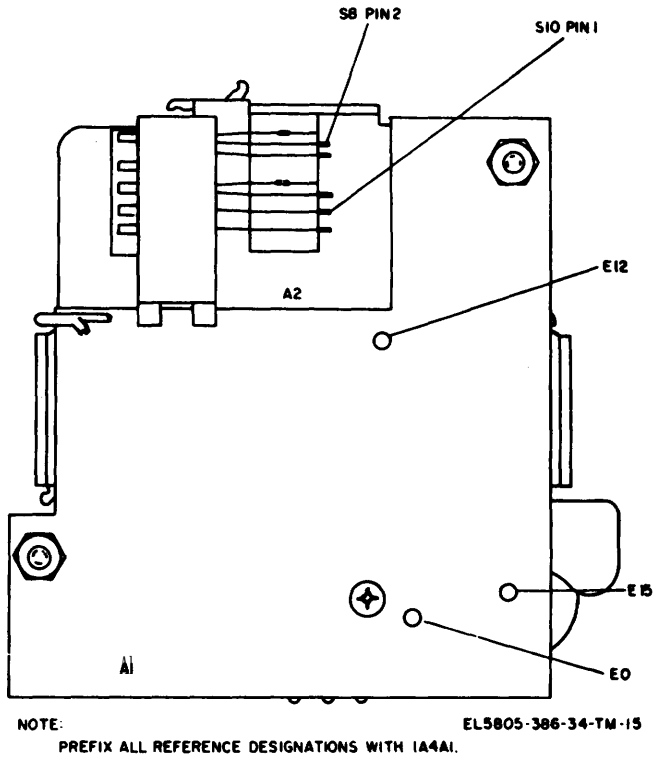


Figure 2-11. Keysender and oscillator assembly terminal location.

b. Installing Keysender and Oscillator Assembly 1A4A1.

(1) Place common module on a flat surface with wiring harness extended upward through side *of* module.

(2) Set keysender and oscillator assembly adjacent to common module.

(3) Solder wiring harness (as labeled) to terminals.

(4) Insert screw with washer through the front panel hole next to the OFF-LOUD control, slide spacer over screw, and hold in place.

(5) Carefully move keysender and oscillator assembly through side of common module frame with pushbuttons 1, 2, and 3 located toward top of front panel.

(6) Position keysender and oscillator assembly over the screw and spacer and secure with washer and nut.

(7) Align the other mounting hole with the corresponding mounting in the front panel; insert screw with washer through the front panel and secure with washer and nut.

(8) Tighten both nuts.

(9) Install common printed wiring board to left side of common module (para 2-10 *d* (4) and (5)).

(10) Install common module (para 2-9 *b).*

2-12. Replacement of Battery Case

The battery case should be removed only if damaged by battery spew.

a. Removing Battery Case.

(1) Remove common module from case (para 2-9a) and remove BATTERIES drawer from common module.

(2) Unsolder the red (positive) and black (negative) leads from the plus (+) and minus (-) terminals at the *rear* of the battery case.

(3) Remove four front panel screws adjacent to the BATTERIES drawer.

(4) Remove two screws at bottom of battery case going into rear of front panel.

(6) Remove six screws attaching battery case to chassis (three screws along each side).

(6) Remove battery case; then remove any excess RTV compound from along edge of frame.

b. Installing Battery Case.

(1) Place battery case along bottom edge of common module with + and - terminals toward rear; then fasten with six screws to frame.

(2) Insert the two screws through the battery case into the rear of the front panel and tighten screws.

(3) Fasten the four screws through the front panel.

(4) Solder the red lead to the rear panel + terminal and the black lead to the - terminal.

CAUTION

Battery case opening must be completely covered with sealant to prevent battery spew from damaging equipment.

(5) Apply DOW Corning Sealant type RTV-731 or equivalent to rear edge of battery case adjacent to common module frame.

(6) Reinstall batteries and BATTERIES drawer.

2-13. Raplacement of Chassis and Panel Mounted Parts

Most parts mounted on the chassis or panels need no special instructions for removal and replacement. Those parts for which the procedures may not be obvious are listed in subparagraphs *b* through g below.

a. General. No special disassembly instructions are needed for most chassis- and panel-mounted parts. The removal and installation instructions for the binding posts and ground lug are included.

b. Removing 4-wire SEND and RECEIVE, and Battery + and - Binding Posts E1 through E14 from Rear Panel.

(1) Remove main chassis (para 2-9c).

(2) Remove nut, terminal lug, and washer from inside the case.

(3) Remove binding post, shoulder washer, and O-ring from rear panel.

c. *Installing 4-wire SEND and RECEIVE and Battery + and - Binding Posts El through E14 on Rear Panel.*

(1) Set Ii-rings, shoulder washer and binding post into rear panel.

(2) Slide washer and terminal lug over binding post stud and secure with nut.

(3) Reinstall main chassis (para *2-9d).*

d. Removing GND Lug E15 Rear Panel (fig. 2-12).

(1) Remove main chassis from the case (para 2-9 *c).*

(2) Remove wing nut and two flat washers from ground lug.

(3) Remove hex nut, lock washer, flat washer, and thread seal from ground lug.

(4) Slide ground lug out of panel (from inside of chassis) and remove lock washer and two wire terminals.

e. *Installing GND Lug E16 on Rear Panel.*

(1) Install the wire terminals and internal tooth lock washer on ground lug (hex head cap screw).

(2) Insert ground lug into ground lug hole of rear panel, from inside to outside of chassis.

(3) Slide thread seal, flat washer, and spring lock washer over ground lug on outside of chassis and secure lug to chassis with hex nut.

(4) Install two flat washers and wing nut on ground lug.

(5) Upset four end threads after assembly of all attaching parts to retain wing nut.

(6) Reinstall main chassis (para 2-9 *d).*

f. Replacing Module Connector Pins Or Connector On Channel Module.

(1) Release one printed wiring board from channel module (para 2-10 *a* (1) through "(4)).

(2) Pull connector pin with extraction tool part number CET-20-11 (FMC 71468).

{3) Cut wire(s).

(4) Crimp wire(s) to replacement pin with crimping tool part number MS3191-1 (with locator P-20-3191-1), d insert wired pin into connector; make sure it is seated firmly.

(5) If entire connector is to be replaced, tag each wire to identify its connection before disconnecting any; then pull all pins, replace those pins which are defective, replace the connector shell, and insert connector pins into proper contact positions.

(6) Reinstall printed wiring board (para

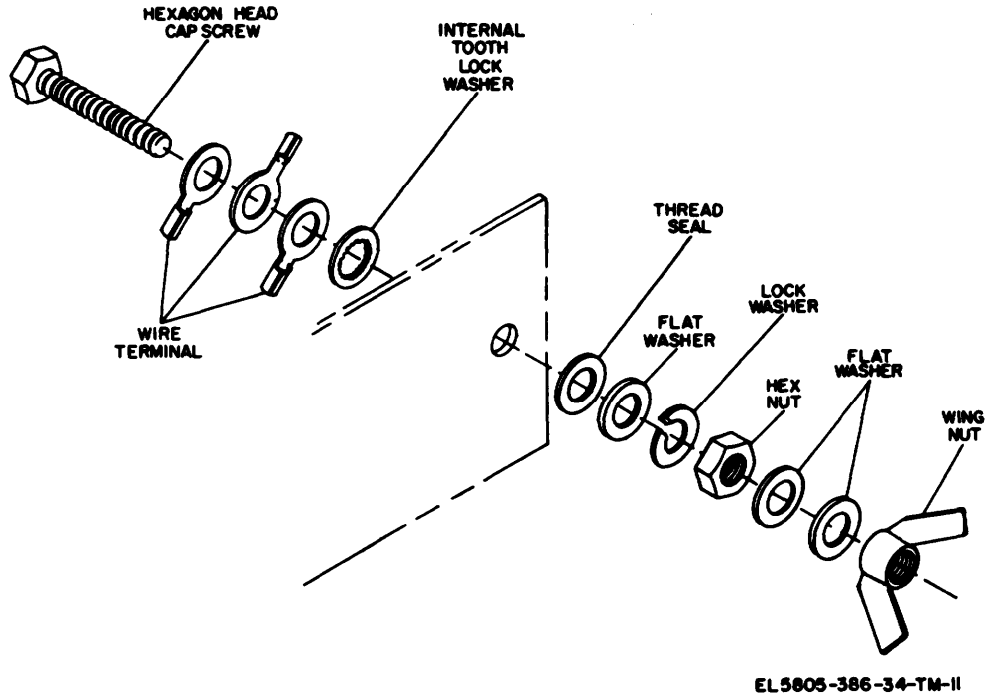


Figure 2-12. Ground lug replacement.

2-10 *b* (4) through (6)).

g. *Replacing Module Connector Pins or Connector On Chassis.*

(1) Remove main chassis from use (para 2-9c) .

(2) Pull connector pin with extraction tool part number (CET-20-11 (FMC 71468).

(3) Remove defective connector pin by cutting wire as close to pin body as possible.

(4) Crimp wire(s) to replacement pin with crimping tool part number MS3191-1 (with locator P-20-3191-1), and insert wired pin into connector; make sure it is seated firmly.

(5) If entire connector is to be replaced, tag each wire to identify its connection before disconnecting any; then pull all pins, replace those pins which are defective, replace the connector shell, and insert connector pins into proper contact positions.

(6) Reinstall main chassis in case (para 2-9d) .

h. Replacing NIGHT ALARM on Common Module. Turn front panel cap of NIGHT ALARM counterclockwise to release NIGHT ALARM.

APPENDIX A

REFERENCES

TM 11-2044	Attenuators, TS-402/U and TS-402A/U.
TM 11-2134	Manual Telephone Switchboard SB-86/P; Installation and Operation. (TO 31W1-2P-11).
TM 11-5805-201-12	Operator's and Organizational Maintenance Manual; Including Repair Parts and Special Tool Lists :Telephone Set TA-312/PT.
TM 11-5805-262-12	Operator's and Organizational Maintenance Manual: Switchboards, Telephone, Manual SB-22/PT and SB-22A/PT.
TM 11-5805-384-12	Operator and Organizational Maintenance Manual Including Repair Parts and Special Tools List for Telephone Sets TA-341/TT and TA-341A/TT.
TM 11-5805-386-12	Operator's and Organizational Maintenance Manual Including Repair Parts and Special Tools List for Converter, Telephone Signal CV-1919A/G.
TM 11-5805-628-12	Operator's and Organizational Maintenance Manual: Automatic Central Offices, Telephone AN/TTC-33(V)1 and AN/TTC-38(V)2.
TM 11-6625-366-15	Operator's Organizational, DS, GS, and Depot Maintenance Manual Multimeter TS-352B/U.
TM 11-6625-1703-15	Operator, Organizational, DS, GS, and Depot Maintenance Manual Including Repair Parts and Special Tool Lists: Oscilloscope AN/USM-281A.

APPENDIX B

DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE

REPAIR PARTS AND SPECIAL TOOLS LIST

(INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS)

Section I. INTRODUCTION

B-1. Scope

This appendix lists repair parts and special tools required for the performance of direct support, general support, and depot maintenance of the CV-1919A/G.

B-2. General

This repair parts and special tools list is divided into the following sections:

a. Repair Parts for Direct Support, General Support, and Depot Maintenance—Section II. A list of repair parts authorized at the direct and general support level for the performance of maintenance. This list also includes parts which must be removed for replacement of the authorized parts. Parts lists are arranged by functional groups in ascending numerical sequence with the parts in each group listed alphabetically within assemblies.

b. Federal Stock Number and Parts Number Index — Section III. A list, in ascending numerical sequence, of all Federal stock numbers appearing in the listings, followed by a list in alphabetical numerical sequence, of all reference numbers appearing in the listings. Federal stock number and reference numbers are cross-referenced to each illustration figure and item number appearance.

c. *Reference Designator to Figure/Item Number Index–Section IV.* A list, in ascending alphabetical numerical sequence, of all electrical reference designators. Reference designators are cross-referenced to each illustration figure and item number appearance.

B-3 Explanation of Columns

The following provides an explanation of columns found in the tabular listings.

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

(1) *Source code.* Source codes are assigned to support items to 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:

Code	*Definition*
PA	– Item procured and stocked for anticipated or known usage.
PB	– Item procured and stocked for insurance purposes because essentiality dictates that a minimum quantity be available in the supply systems.
AF	– Item to be assembled at direct support maintenance level.
AH	– Item to be assembled at general support maintenance level.
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.

NOTE

Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded XA, XD, 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:

code	*Application/explanation*
O–	Support item is removed, replaced, used at the organizational level of maintenance.
F–	Support item is removed, replaced, used at the direct support maintenance level.
H–	Support item is removed, replaced, used at the general support level.
D–	Support items that are removed, replaced, used at the depot 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:

code	*Application/explanation*
F–	The lowest maintenance level capable of complete repair of the support item is the direct support level.
H–	The lowest maintenance level capable of complete repair of the support item is the general 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:

Rccoverability codes	*Definition*
Z–	Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.
F–	Reparable item. When uneconomically reparable, condemn and dispose at the direct support level.
H–	Reparable item. When uneconomically reparable, condemn and dispose at the general support level.
D–	Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.

b. Federal Stock Number. Indicates the Federal stock number assigned to the item and will be used for requisitioning purposes.

c. Description. Indicates the Federal item name and a minimum description required to identify the item. The last line indicates the reference number followed by the applicable Federal Supply Code for Manufacturer (FSCM) in parentheses. The FSCM is used as an element in item identification to designate manufacturer or distributor or Government agency, etc., and is identified in SB 708-42.

d. Unit of Measure (U/M). Indicates the standard or basic quantity by which the listed item is used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation, e.g., ea, in, pr, etc., and is the basis used to indicate quantities and allowances in subsequent columns. 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.

e. *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. The letters "REF" are used to indicate a repeated item within an assembly; the first item shows the quantity used in the assembly.

f. 30-Day DS/GS Maintenance Allowances. The repair parts indicated by asterisk entries in separate allowance columns for DS and GS represent those authorized for use at that category of maintenance to be requisitioned on an "as required" basis.

g. *1-Year Allowances Per 100 Equipments/Contingency Planning Purposes.* This column indicates that the items identified with an asterisk are authorized to be requisitioned as required .

h. Depot Maintenance Allowance Per 100 Equipments. This column indicates that the items identified with an asterisk are authorized to be requisitioned as required.

i. 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.* Indicates the callout number used to reference the item on the illustration.

B-4. Special Information.

Not applicable.

B-5. How to Locate Repair Parts

a When Federal Stock Number, Reference Number, or Electrical Reference Designator is Unknown:

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

(2) *Second.* Find the illustration covering the group or functional subgroup to which the repair part belongs.

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

(4) *Fourth.* Using the Repair Parts Listing, find the functional group or functional subgroup to which the repair part belongs and locate the illustration figure and item number noted on the illustration.

b. When an Electrical Reference Designator is Known:

(1) *First.* Using the Reference Designator Index, find the pertinent reference designator. This index is an ascending alphabetical-numerical listing of complete reference designators. Determine the figure and item number applicable to the reference designator.

(2) *Second.* Using the table of contents locate the functional group applicable to this figure number. The repair parts list identifying the part can then be located.

c. *When Federal Stock Number or Reference Number is Known:*

(1) First. Using the Index of Federal Stock Numbers and Reference Numbers find the pertinent Federal stock number or reference number. This index is in ascending FSN sequence followed by a list of reference numbers in ascending alphabetical-numerical. sequence, cross-referenced to the illustration figure number and item number.

(2) *Second.* Using the Repair Parts Listing, find the functional group or functional subgroup of the repair part and the illustration figure number and item number referenced in the Index of Federal Stock Numbers and Reference Numbers.

(Next printed page is B-5)

SECTION II REPAIR PARTS FOR DIRECT SUPPORT AND GENERAL SUPPORT AND DEPOT MAINTENANCE

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION / REFERENCE NUMBER & MFR CODE	USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-DAY GS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 YR ALW PER EQUIP CNTGCY	(9) DEPOT MAINT ALW PER 100	(10) ILLUSTRATIONS (a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
AFODD	5805-229-5417	CONVERTER,TEL SIG CV1919AG SMD743615 (04655)												B-1	
		GROUP 01 CONVERTER,TELEPHONE SIGNAL													
XBFZZ		CASE,ELECTRICAL EQPT CAB SMD743727 (04655)		EA	1									B-1	4
XBFZZ		COVER,CASE FRONT SMD743727-2 (04655)		EA	1									B-1	10
XBFZZ		COVER,REAR SMD743727-7 (04655)		EA	1									B-1	23
XBDZZ		PLATE,IDENTIFICATION ZSP11-1108 (98376)		EA	1										
PAFZZ		RUBBER STRIP ZSP5-5003 (98376)		EA	1	*	*	*	*	*	*	*	*	B-1	22
PAFZZ	4820-898-3003	VALVE,PRESSURE RELIEF ZSP6-037-4 (98376)		EA	1	*	*	*	*	*	*	*	*	B-1	24
XBFZZ		BAG,CANVAS SMD743792 (04655)		EA	1									B-1	12
PAFZZ	5935-410-9250	CONNECTOR,RECEPTACLE M24308-2-3 (81349)	1A1XA1	EA	4	*	*	*	*	*	*	*	*	B-1	13
PAFZZ	5935-410-9250	CONNECTOR,RECEPTACLE M24308-2-3 (81349)	1A2XA1	EA	REF	*	*	*	*	*	*	*	*	B-1	13
PAFZZ	5935-410-9250	CONNECTOR,RECEPTACLE M24308-2-3 (81349)	1A3XA1	EA	REF	*	*	*	*	*	*	*	*	B-1	13
PAFZZ	5935-410-9250	CONNECTOR,RECEPTACLE M24308-2-3 (81349)	1XA4	EA	REF	*	*	*	*	*	*	*	*	B-1	13
XBFZZ		PLATE,GUIDE PIN,FEMALE DB22254 (71468)		EA	4									B-1	17
XBFZZ	5310-081-8087	NUT,PLAIN,HEXAGON MS21044N06 (96906)		EA	2									B-1	18
PAFZZ	5305-054-6654	SCREW,MACHINE MS51957-30 (96906)		EA	2	*	*	*	*	*	*	*	*	B-1	16
XBFZZ		PLATE,IDENTIFICATION SMB743726 (04655)		EA	2										
XBFZZ		PLATE,IDENTIFICATION SMC743803 (04655)		EA	1										
XBFZZ		PLATE,MOUNTING CONNECTOR SMD743618 (04655)		EA	1									B-1	7
XBFZZ	5310-225-5328	WASHER,FLAT MS15795-841 (96906)		EA	10									B-1	15
XBFZZ	5305-059-3660	SCREW,MACHINE MS51958-64 (96906)		EA	10									B-1	14
XBFZZ	5940-272-1477	POST ASSEMBLY,SPRING BINDING SCC136011 (04655)	1E1-E14	EA	14									B-1	1
XBFZZ	5940-272-1477	PACKING,PREFORMED SCC136011-1 (04655)		EA	1									B-1	3
XBFZZ		WASHER SMB743743 (04655)		EA	1									B-1	2
XBFZZ		WASHER SMB743744 (04655)		EA	1									B-1	5
XBFZZ		STRAP,WEBBING SMC743793 (04655)		EA	1									B-1	11
XBFZZ	5940-583-7741	TERMINAL,LUG MS77068-4 (96906)		EA	14									B-1	6
MHHHH		WIRING HARNESS,BRANCHED SMD743712 (04655)		EA	1										
XBFZZ	5310-250-9477	NUT,HEXAGON MS35649-2254 (96906)		EA	1									B-1	28
XBFZZ		NUT,WING 07WC040 (72962)		EA	1									B-1	29
XBFZZ		SCREW,MACHINE SMB743649 (02697)		EA	1									B-1	19

SECTION II REPAIR PARTS FOR DIRECT SUPPORT , GENERAL SUPPORT , AND DEPOT MAINTENANCE (Continued)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION / REFERENCE NUMBER & MFR CODE / USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY GS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-DAY GS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 YR ALW PER EQUIP CNTGCY	(9) DEPOT MAINT ALW PER 100	(10) ILLUSTRATIONS (a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
XBFZZ		PACKING,PREFORMED 7500-1-4 (04655)	EA	1									B-1	25
XBFZZ	5310-531-9515	WASHER,FLAT AN960C416 (88044)	EA	3									B-1	26
XBFZZ	5310-543-2740	WASHER,LOCK MS35333-74 (96906)	EA	1									B-1	21
XBFZZ	5310-933-8121	WASHER,LOCK MS35338-139 (96906)	EA	1									B-1	27
XBFZZ	5940-230-0515	TERMINAL,LUG MS25036-154 (96906)	EA	3									B-1	20

SECTION II REPAIR PARTS FOR DIRECT SUPPORT , GENERAL SUPPORT , AND DEPOT MAINTENANCE (Continued)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION / REFERENCE NUMBER & MFR CODE / USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-DAY GS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 YR ALW PER EQUIP CATEGCY	(9) DEPOT MAINT ALW PER 100	(10) ILLUSTRATIONS (a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
		GROUP 02 CHANNEL MODULE ASSEMBLY 1A1A1 THROUGH 1A3A1												
PAFFD		CHANNEL MODULE ASSEMBLY SMD743621 (04655) 1A1-A3A1	EA	3									B-1	8
XBFZZ		SCREW,EXTERNALLY RELIEVED BODY G240S81032-7 (29372)	EA	2									B-2	31
XAFZZ		CHASSIS ASSEMBLY SMD743739 (04655)	EA	1									B-2	4
PAFZZ	5305-054-6654	SCREW,MACHINE MS51957-30 (96906)	EA	12	*	*	*	*	*	*	*	*	B-2	2
XBFZZ	5310-722-5998	WASHER,FLAT MS15795-805 (96906)	EA	12									B-2	8
PAFZZ	5935-489-9999	CONNECTOR,PLUG,ELECTRICAL M24308-4-3 (81349) 1A1-A3A1P1	EA	1	*	*	*	*	*	*	*	*	B-2	1
XBFZZ		FERRULE 16018A2 (06540)	EA	2									B-2	26
XBFZZ		HANDLE,BOW 10227A0632-2 (06540)	EA	1									B-2	25
PAFZZ	5305-054-6654	SCREW,MACHINE MS51957-30 (96906)	EA	2	*	*	*	*	*	*	*	*	B-2	2
XBFZZ	5310-722-5998	WASHER,FLAT MS15795-805 (96906)	EA	2									B-2	8
XBFZZ	5310-616-3555	WASHER,LOCK MS35333-71 (96906)	EA	2									B-2	33
PAFZZ	6210-553-0879	SOCKET,LAMP MS25041-1 (96906) 1A1-A3A1XDS1	EA	1	*	*	*	*	*	*	*	*	B-2	35
PAOZZ		LAMP,INCANDESCENT SMC743870 (04655) 1A1-A3A1DS1	EA	1	*	*	*	*	*	*	*	*	B-2	23
PAFZZ		JACK,TELEPHONE 03659-6 (70674) 1A1-A3A1J1	EA	2	*	*	*	*	*	*	*	*	B-2	34
XBFZZ		INSULATOR,WASHER 2327PH385-30 (06540)	EA	1									B-2	30
XBFZZ	5310-138-9806	NUT,HEXAGON MS25082C20 (96906)	EA	1									B-2	27
XBFZZ	5310-183-4355	WASHER,FLAT AN960C616L (88044)	EA	1									B-2	29
XBFZZ	5310-180-0277	WASHER,LOCK MS35333-76 (96906)	EA	1									B-2	28
XBFZZ		WASHER,SHOULDERED 2744-50063PH375-30 (06540)	EA	1									B-2	32
PAFZZ		JACK,TELEPHONE 03659-6 (70674) 1A1-A3A1J2	EA	REF	*	*	*	*	*	*	*	*	B-2	34
XBFZZ		INSULATOR,WASHER 2327PH385 (06540)	EA	1									B-2	30
XBFZZ	5310-138-9806	NUT,HEXAGON MS25082C20 (96906)	EA	1									B-2	27
XBFZZ	5310-183-4355	WASHER,FLAT AN960C616L (88044)	EA	1									B-2	29
XBFZZ	5310-180-0277	WASHER,LOCK MS35333-76 (96906)	EA	1									B-2	28
XBFZZ		WASHER,SHOULDERED 2744-50063PH375-30 (06540)	EA	1									B-2	32
PAFZZ	5935-702-4199	JACK,TIP M39020-10-02 (81349) 1A1-A3A1TP1	EA	1	*	*	*	*	*	*	*	*	B-2	16
XBFZZ	5310-515-7449	WASHER,FLAT AN960C416L (88044)	EA	1									B-2	36
PAFZZ	5935-762-0312	JACK,TIP M39020-10-03 (81349) 1A1-A3A1TP2	EA	1	*	*	*	*	*	*	*	*	B-2	16
XBFZZ	5310-515-7449	WASHER,FLAT AN960C416L (88044)	EA	1									B-2	36

SECTION II. REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continud)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION / REFERENCE NUMBER & MFR CODE	USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY GS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-DAY GS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 YR ALW PER EQUIP CRTGCY	(9) DEPOT MAINT ALW PER 100	(10) ILLUSTRATIONS (a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAFZZ	5935-764-2135	JACK,TIP M39024-10-04 (81349)	1A1-A3A1TP3	EA	1	•	•	•	•	•	•	•	•	B-2	13
XBFZZ	5310-515-7449	WASHER,FLAT AN960C416L (88044)		EA	1									B-2	36
PAFZZ	5935-733-6587	JACK,TIP M39024-10-05 (81349)	1A1-A3A1TP4	EA	1	•	•	•	•	•	•	•	•	B-2	11
XBFZZ	5310-515-7449	WASHER,FLAT AN960C416L (88044)		EA	1									B-2	36
PAFZZ	5935-813-5874	JACK,TIP M39024-10-06 (81349)	1A1-A3A1TP5	EA	1	•	•	•	•	•	•	•	•	B-2	12
XBFZZ	5310-515-7449	WASHER,FLAT AN960C416L (88044)		EA	1									B-2	36
PAFZZ	5935-776-4617	JACK,TIP M39024-10-07 (81349)	1A1-A3A1TP6	EA	1	•	•	•	•	•	•	•	•	B-2	16
XBFZZ	5310-515-7449	WASHER,FLAT AN960C416L (88044)		EA	1									B-2	36
PAFZZ	5935-768-4232	JACK,TIP M39024-10-08 (81349)	1A1-A3A1TP7	EA	1	•	•	•	•	•	•	•	•	B-2	15
XBFZZ	5310-515-7449	WASHER,FLAT AN960C416L (88044)		EA	1									B-2	36
PAFZZ	5935-931-1967	JACK,TIP M39024-10-09 (81349)	1A1-A3A1TP8	EA	1	•	•	•	•	•	•	•	•	B-2	17
XBFZZ	5310-515-7449	WASHER,FLAT AN960C416L (88044)		EA	1									B-2	36
PAFZZ	5935-102-7999	JACK,TIP M39024-10-10 (81349)	1A1-A3A1GND	EA	1	•	•	•	•	•	•	•	•	B-2	10
XBFZZ	5310-515-7449	WASHER,FLAT AN960C416L (88044)		EA	1									B-2	36
XBFZZ		PANEL,FRONT SMD743738 (04655)		EA	1									B-2	19
PAFZZ	5305-054-6654	SCREW,MACHINE MS51957-30 (96906)		EA	4	•	•	•	•	•	•	•	•	B-2	2
XBFZZ	5310-722-5998	WASHER,FLAT MS15795-805 (96906)		EA	4									B-2	8
XBFZZ	5935-914-6686	PLATE,MALE,GUIDE PIN DB22255 (71468)		EA	1									B-2	3
XBFZZ	5310-081-8087	NUT,PLAIN,HEXAGON MS21044N06 (96906)		EA	2									B-2	6
PAFZZ	5305-054-6654	SCREW,MACHINE MS51957-30 (96906)		EA	2	•	•	•	•	•	•	•	•	B-2	2
XBFZZ		PLATE,MARKING,BLANK SMB743794 (04655)		EA	1										
PAOZZ	5805-322-2122	PROTECTOR,TELEPHONE SMD2015983 (04655)	1A1-A3A1E1	EA	4	•	•	•	•	•	•	•	•	B-2	21
PAOZZ	5805-322-2122	PROTECTOR,TELEPHONE SMD2015983 (04655)	1A1-A3A1E2	EA	REF	•	•	•	•	•	•	•	•	B-2	21
PAOZZ	5805-322-2122	PROTECTOR,TELEPHONE SMD2015983 (04655)	1A1-A3A1E3	EA	REF	•	•	•	•	•	•	•	•	B-2	21
PAOZZ	5805-322-2122	PROTECTOR,TELEPHONE SMD2015983 (04655)	1A1-A3A1E4	EA	REF	•	•	•	•	•	•	•	•	B-2	21
PAFZZ		SOCKET,TELEPHONE PROTECTOR 405B (81590)	1A1-A3A1XE1	EA	4	•	•	•	•	•	•	•	•	B-2	20
PAFZZ	5310-178-8631	WASHER,LOCK MS35333-75 (96906)		EA	1	•	•	•	•	•	•	•	•	B-2	7
PAFZZ		SOCKET,TELEPHONE PROTECTOR 405B (81590)	1A1-A3A1XE2	EA	REF	•	•	•	•	•	•	•	•	B-2	20
PAFZZ	5310-178-8631	WASHER,LOCK MS35333-75 (96906)		EA	1	•	•	•	•	•	•	•	•	B-2	7
PAFZZ		SOCKET,TELEPHONE PROTECTOR 405B (81590)	1A1-A3A1XE3	EA	REF	•	•	•	•	•	•	•	•	B-2	20
PAFZZ	5310-178-8631	WASHER,LOCK MS35333-75 (96906)		EA	1	•	•	•	•	•	•	•	•	B-2	7

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT. AND DEPOT MAINTENACE [Continued]

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION / REFERENCE NUMBER & MFR CODE / USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY GS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-DAY GS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 YR ALW PER EQUIP CNTGCY	(9) DEPOT MAINT ALW PER 100	(10) ILLUSTRATIONS (a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAFZZ		SOCKET,TELEPHONE PROTECTOR 405B (81590) 1A1-A3A1XE4	EA	REF	*	*	*	*	*	*	*	*	B-2	20
PAFZZ	5310-178-8631	WASHER,LOCK MS35333-75 (96906)	EA	1	*	*	*	*	*	*	*	*	B-2	7
XBHZZ		PLATE,IDENTIFICATION SMB743726 (04655)	EA	1										
PAFZZ		SWITCH,PUSH SMC743755-3 (04655) 1A1-A3A181	EA	1	*	*	*	*	*	*	*	*	B-2	24
XBHZZ		WIRING HARNESS,BRANCHED SMD743669 (04655)	EA	1										
PAFDD		CIRCUIT CD,CHANNEL MODULE,ANLG SMD743625 (04655) 1A1-A3A1A1	EA	1	*	*	*	*	*	*	*	*	B-2	37
PAFDD		CIRCUIT CD,LOGIC,CHANNEL MDL SMD743632 (04655) 1A1-A3A1A2	EA	1	*	*	*	*	*	*	*	*	B-2	5

SECTION II. REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT AND DEPOT MAINTENANCE (Continued)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION / REFERENCE NUMBER & MFR CODE / USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY GS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-DAY GS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 YR ALW PER EQUIP CNTGCY	(9) DEPOT MAINT ALW PER 100	(10) ILLUSTRATIONS (a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
		GROUP 03 COMMON MODULE ASSEMBLY 1A4												
PAFDD		COMMON MODULE ASSEMBLY SMD743644 (04655) 1A4	EA	1									B-1	9
XBFZZ		BRACKET,MOUNTING SMB743746-1 (04655)	EA	1									B-4	26
XBFZZ	5310-081-8087	NUT,PLAIN,HEXAGON MS21044N06 (96906)	EA	1									B-4	16
PAFZZ	5305-054-6657	SCREW,MACHINE MS51957-33 (96906)	EA	1	•	•	•	•	•	•	•	•	B-4	29
XBFZZ		SPACER,SLEEVE 9228A140-17 (06540)	EA	1									B-4	27A
XBFZZ	5310-722-5998	WASHER,FLAT MS15795-805 (96906)	EA	2									B-4	13
XBFZZ		BRACKET,MOUNTING SMB743746-2 (04655)	EA	1									B-4	31
XBFZZ	5310-081-8087	NUT,PLAIN,HEXAGON MS21044N06 (96906)	EA	1									B-4	16
PAFZZ	5305-054-6654	SCREW,MACHINE MS51957-30 (96906)	EA	1	•	•	•	•	•	•	•	•	B-4	2
XBFZZ	5310-722-5998	WASHER,FLAT MS15795-805 (96906)	EA	2									B-4	13
XBDZZ		CHASSIS ASSEMBLY SMD743752 (04655)	EA	1										
XBFZZ		CHASSIS ASSY,BATTERY CONTAINER SMC743790 (04655)	EA	1									B-4	30
PADZZ	5305-719-5064	SCREW,MACHINE MS51959-30 (96906)	EA	4							•	•	B-4	14
XBFZZ		CHASSIS ASSY,BTRY COMPARTMENT SMC743791 (04655)	EA	1									B-4	44
PAFZZ	5305-054-6654	SCREW,MACHINE MS51957-30 (96906)	EA	6	•	•	•	•	•	•	•	•	B-4	2
PADZZ	5305-719-5064	SCREW,MACHINE MS51959-30 (96906)	EA	4							•	•	B-4	14
XBFZZ	5310-722-5998	WASHER,FLAT MS15795-805 (96906)	EA	6									B-4	13
XBFZZ		CHASSIS,BATTERY COMPARTMENT SMD743756 (04655)	EA	1										
PAFDD		CIRCUIT CD,COMMON MODULE SMD743653 (04655) 1A4A2	EA	1	•	•	•	•	•	•	•	•	B-4	35
XBFZZ	5340-078-3615	CLAMP,LOOP MS21322-33 (96906)	EA	1									B-4	25
XBFZZ	5305-057-0523	SCREW,MACHINE MS51958-27 (96906)	EA	1									B-4	15
XBFZZ	5340-419-0840	CLAMP,LOOP MS21322-35 (96906)	EA	2									B-4	18
XBFZZ	5310-722-5998	WASHER,FLAT MS15795-805 (96906)	EA	1									B-4	13
PAFZZ	5305-054-6654	SCREW,MACHINE MS51957-30 (96906)	EA	1	•	•	•	•	•	•	•	•	B-4	2
XBFZZ	5310-081-8087	NUT,PLAIN,HEXAGON MS21044N06 (96906)	EA	1									B-4	16
XBFZZ	5340-943-6047	CLAMP,LOOP MS21322-37 (96906)	EA	1									B-4	22
XBFZZ	5310-722-5998	WASHER,FLAT MS15795-805 (96906)	EA	1									B-4	13
XBFZZ	5310-081-8087	NUT,PLAIN,HEXAGON MS21044N06 (96906)	EA	1									B-4	16
PAFZZ	5305-054-6654	SCREW,MACHINE MS51957-30 (96906)	EA	1	•	•	•	•	•	•	•	•	B-4	2

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT AND DEPOT MAINTENANCE (Continued)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION / REFERENCE NUMBER & MFR CODE / USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-DAY GS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 YR ALW PER EQUIP CNTGCY	(9) DEPOT MAINT ALW PER 100	(10) ILLUSTRATIONS (a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAFZZ	5935-489-9999	CONNECTOR,PLUG,ELECTRICAL M24308-4-3 (81349) 1A4P4	EA	1	*	*	*	*	*	*	*	*	B-4	1
XBFZZ		CONTACT 97-436G (30817) 1A4E1,E2	EA	2									B-4	43
XBDZZ	5310-595-6211	WASHER,FLAT MS15795-803 (96906)	EA	2									B-4	34
XBFZZ	5310-088-0551	NUT,HEXAGON MS21044N04 (96906)	EA	1									B-4	46
XBFZZ	5305-054-5649	SCREW,MACHINE MS51957-15 (96906)	EA	1									B-4	42
PAOZZ	5920-321-8455	FUSE,CARTRIDGE F03A250V1-4AS (81349) 1A4F1	EA	2	*	*	*	*	*	*	*	*	B-3	9
PAOZZ	5920-321-8455	FUSE,CARTRIDGE F03A250V1-4AS (81349) 1A4SPARE	EA	REF	*	*	*	*	*	*	*	*	B-3	9
PAFZZ	5920-556-0144	FUSEHOLDER FHN20G (81349) 1A4XF1	EA	2	*	*	*	*	*	*	*	*	B-3	8
PAFZZ	5920-556-0144	FUSEHOLDER FHN20G (81349) 1A4XF2	EA	REF	*	*	*	*	*	*	*	*	B-3	8
PAFZZ	5325-185-0017	GROMMET,RUBBER MS35489-33 (96906)	EA	1	*	*	*	*	*	*	*	*		
XBFZZ		HANDLE,BOW 10233A0632-2 (06540)	EA	1									B-3	7
XBFZZ		FERRULE 16018A2 (06540)	EA	2									B-3	6
PADZZ	5305-719-5064	SCREW,MACHINE MS51959-30 (96906)	EA	2							*	*	B-3	5
PAFZZ	6350-071-2492	HORN,ELECTRICAL SC628P (37942) 1A4DS1	EA	1	*	*	*	*	*	*	*	*	B-3	2
AFFFF		INDUCTOR ASSEMBLY SMC743646 (04655)	EA	1									B-4	32
PADZZ	5305-719-5064	SCREW,MACHINE MS51959-30 (96906)	EA	4							*	*	B-4	14
XBFZZ		BRACKET ASSEMBLY,TRANSFORMER SMC743749 (04655)	EA	1									B-4	33
PAFZZ	5950-321-8204	REACTOR SMC2016162 (04655) 1A4L1	EA	2	*	*	*	*	*	*	*	*	B-4	23
XBFZZ	5310-081-8087	NUT,PLAIN,HEXAGON MS21044N06 (96906)	EA	2									B-4	16
XBDZZ	5310-595-6211	WASHER,FLAT MS15795-803 (96906)	EA	2									B-4	34
PAFZZ	5950-321-8204	REACTOR SMC2016162 (04655) 1A4L3	EA	REF	*	*	*	*	*	*	*	*	B-4	23
XBFZZ	5310-081-8087	NUT,PLAIN,HEXAGON MS21044N06 (96906)	EA	2									B-4	16
XBDZZ	5310-595-6211	WASHER,FLAT MS15795-803 (96906)	EA	2									B-4	34
PAFZZ	5950-325-7644	REACTOR TVC6 (62017) 1A4L2	EA	2	*	*	*	*	*	*	*	*	B-4	24
XBFZZ	5310-081-8087	NUT,PLAIN,HEXAGON MS21044N06 (96906)	EA	2									B-4	16
XBDZZ	5310-595-6211	WASHER,FLAT MS15795-803 (96906)	EA	2									B-4	34
PAFZZ	5950-325-7644	REACTOR TVC6 (62017) 1A4L4	EA	REF	*	*	*	*	*	*	*	*	B-4	24
XBFZZ	5310-081-8087	NUT,PLAIN,HEXAGON MS21044N06 (96906)	EA	2									B-4	16
XBDZZ	5310-595-6211	WASHER,FLAT MS15795-803 (96906)	EA	2									B-4	34
PAFZZ	5935-702-4199	JACK,TIP M39024-10-02 (81349) 1A4TP1	EA	1	*	*	*	*	*	*	*	*	B-4	9
XBFZZ	5310-515-7449	WASHER,FLAT AN960C416L (88044)	EA	1									B-4	17

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION / REFERENCE NUMBER & MFR CODE	USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-DAY GS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 YR ALW PER EQUIP CATEGY	(9) DEPOT MAINT ALW PER 100	(10) ILLUSTRATIONS (a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PAFZZ	5935-762-0312	JACK,TIP MJ39024-10-03 (81349)	1A4TP2	EA	1	•	•	•	•	•	•	•	•	B-4	4
XBFZZ	5310-515-7449	WASHER,FLAT AN960C416L (88044)		EA	1									B-4	17
PAFZZ	5935-764-2135	JACK,TIP MJ39024-10-04 (81349)	1A4TP3	EA	1	•	•	•	•	•	•	•	•	B-4	10
XBFZZ	5310-515-7449	WASHER,FLAT AN960C416L (88044)		EA	1									B-4	17
PAFZZ	5935-733-6587	JACK,TIP MJ39024-10-05 (81349)	1A4TP4	EA	1	•	•	•	•	•	•	•	•	B-4	6
XBFZZ	5310-515-7449	WASHER,FLAT AN960C416L (88044)		EA	1									B-4	17
PAFZZ	5935-813-5874	JACK,TIP MJ39024-10-06 (81349)	1A4TP5	EA	1	•	•	•	•	•	•	•	•	B-4	8
XBFZZ	5310-515-7449	WASHER,FLAT AN960C416L (88044)		EA	1									B-4	17
PAFZZ	5935-776-4617	JACK,TIP MJ39024-10-07 (81349)	1A4TP6	EA	1	•	•	•	•	•	•	•	•	B-4	12
XBFZZ	5310-515-7449	WASHER,FLAT AN960C416L (88044)		EA	1									B-4	17
PAFZZ	5935-768-4232	JACK,TIP MJ39024-10-08 (81349)	1A4TP7	EA	1	•	•	•	•	•	•	•	•	B-4	7
XBFZZ	5310-515-7449	WASHER,FLAT AN960C416L (88044)		EA	1									B-4	17
PAFZZ	5935-931-1967	JACK,TIP MJ39024-10-09 (81349)	1A4TP8	EA	1	•	•	•	•	•	•	•	•	B-4	11
XBFZZ	5310-515-7449	WASHER,FLAT AN960C416L (88044)		EA	1									B-4	17
PAFZZ	5935-102-7999	JACK,TIP MJ39024-10-10 (81349)	1A4GND	EA	1	•	•	•	•	•	•	•	•	B-4	5
XBFZZ	5310-515-7449	WASHER,FLAT AN960C416L (88044)		EA	1									B-4	17
PAOZZ	5355-958-9982	KNOB MS91528-2E2B (96906)		EA	1	•	•	•	•	•	•	•	•	B-3	10
XBFZZ		TERMINAL,LUG MS77071-1 (96906)		EA	2										
AFFZZ		PANEL ASSEMBLY SMD743750 (04655)		EA	1									B-3	1
XBHZZ		PLATE,IDENTIFICATION SMB743726 (04655)		EA	1										
XBFZZ	5935-914-6686	PLATE,MALE,GUIDE PIN DB22255 (71468)		EA	1									B-4	3
PAFZZ	5310-081-8087	NUT,PLAIN,HEXAGON MS21044N06 (96906)		EA	4	•	•	•	•	•	•	•	•	B-4	16
PAFZZ	5305-054-6654	SCREW,MACHINE MS51957-30 (96906)		EA	2	•	•	•	•	•	•	•	•	B-4	2
PADZZ		RESISTOR,VARIABLE RV4NBYSD153B (81349)	1A4R1/S4	EA	1							•	•	B-3	3
PADZZ	5961-879-0412	SEMICONDUCTOR DEVICE,DIODE 1N2971B (81349)	1A4CR1	EA	1							•	•	B-4	21
PADZZ	5310-883-9384	WASHER,FLAT MS15795-842 (96906)		EA	1							•	•	B-4	41
PAFZZ		SWITCH,PUSH SMC743755-1 (04655)	1A4S2	EA	1	•	•	•	•	•	•	•	•	B-3	11
PAFZZ		SWITCH,PUSH SMC743755-2 (04655)	1A4S3	EA	1	•	•	•	•	•	•	•	•	B-3	12
PAFZZ	5930-655-1513	SWITCH,TOGGLE MS35058-21 (96906)	1A4S1	EA	1	•	•	•	•	•	•	•	•	B-3	9
PAFZZ	5940-683-4339	TERMINAL,LUG MS35431-7 (96906)		EA	1	•	•	•	•	•	•	•	•	B-4	20
XBFZZ		WIRING HARNESS,BRANCHED SMD743650 (04655)		EA	1										

SECTION IIREPAIR PARTS FOR DIRECT SUPPORT AND GENERAL SUPPORT AND DEPOT MAINTENANCE (Continued)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR CODE	USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY OS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-DAY GS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 YR ALW PER EQUIP CNTGCY	(9) DEPOT MAINT ALW PER 100	(10) ILLUSTRATIONS (a) FIG NO	(b) ITEM NO. OR REFERENCE DESIGNATION
AFFDD		KEYSENDER & OSCILLATOR ASSY SMC743777 (04655)	1A4A1	EA	1									B-4	27
PAFDD		CIRCUIT CD,OSCILLATOR SMD743720 (04655)	1A4A1A1	EA	1	*	*	*	*	*	*	*	*	B-9	3
PAFZZ	5970-350-4800	INSULATOR,STANDOFF 8880 (83330)		EA	1	*	*	*	*	*	*	*	*	B-9	6
PAFZZ	5310-934-9748	NUT,PLAIN,HEXAGON MS35649-244 (96906)		EA	2	*	*	*	*	*	*	*	*	B-9	1
PAFZZ	5305-054-5648	SCREW,MACHINE MS51957-14 (96906)		EA	1	*	*	*	*	*	*	*	*	B-9	7
PAFZZ	5310-782-1349	WASHER,FLAT MS15795-804 (96906)		EA	3	*	*	*	*	*	*	*	*	B-9	2
PAFZZ	5310-933-8118	WASHER,LOCK MS35338-135 (96906)		EA	3	*	*	*	*	*	*	*	*	B-9	4
PADZZ	5805-007-4081	KEYSENDER ASSEMBLY 11378-1 (25397)	1A4A1A2	EA	1							*	*	B-9	5
XBFZZ		WIRING HARNESS,BRANCHED SMC743733 (04655)		EA	1										
PADDD		CAPACITOR TERMINAL BOARD ASSY SMC743797 (04655)		EA	1							*	*	B-4	36
XBFZZ	5310-081-8087	NUT,PLAIN,HEXAGON MS21044N06 (96906)		EA	4									B-4	16
PADZZ	5305-719-5064	SCREW,MACHINE MS51959-30 (96906)		EA	4							*	*	B-4	14
XBFZZ	5310-722-5998	WASHER,FLAT MS15795-805 (96906)		EA	4									B-4	13
PADZZ		CAPACITOR,FIXED,PLASTIC DIEL CQ09A1PC153J1 (81349)	1A4C3	EA	2							*	*	B-4	40
PADZZ		CAPACITOR,FIXED,PLASTIC DIEL CQ09A1PC153J1 (81349)	1A4C4	EA	REF							*	*	B-4	40
PADZZ	5910-949-7919	CAPACITOR,FIXED,PLASTIC DIEL CQ09A1PC104J (81349)	1A4C1	EA	2							*	*	B-4	38
PADZZ	5910-949-7919	CAPACITOR,FIXED,PLASTIC DIEL CQ09A1PC104J (81349)	1A4C2	EA	REF							*	*	B-4	38
PADZZ	5975-441-1605	STRAP,RETAINING 2829-75-2 (98159)		EA	4							*	*	B-4	39

SECTION II. REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION / REFERENCE NUMBER & MFR CODE / USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-DAY GS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 YR ALW PER EQUIP CNTGCY	(9) DEPOT MAINT ALW PER 100	(10) ILLUSTRATIONS (a) FIG NO	(b) ITEM NO OR REFERENCE DESIGNATION
		GROUP 0410 CIRCUIT CARD,CHANNEL MODULE,ANALOG,SMD743625 1A1A1A1 THROUGH 1A3A1A1												
PAFDD		CIRCUIT CD,CHANNEL MODULE,ANLG SMD743625 (04655) 1A1-A3A1A1	EA	REF	*	*	*	*	*	*	*	*	B-5	
PADZZ		CAPACITOR,FIXED,CERAMIC DIEL CKR05BX102MM (81349) 1A1-A3A1A1C1	EA	1							*	*	B-5	51
PADZZ	5910-010-8718	CAPACITOR,FIXED,CERAMIC DIEL CKR06BX103MM (81349) 1A1-A3A1A1C18	EA	1							*	*	B-5	20
PADZZ	5910-113-5499	CAPACITOR,FIXED,CERAMIC DIEL CKR06BX104MM (81349) 1A1-A3A1A1C3	EA	1							*	*	B-5	6
PADZZ	5910-018-1944	CAPACITOR,FIXED,ELECTROLYTIC M39003-01-2017 (81349) 1A1-A3A1A1C9	EA	3							*	*	B-5	22
PADZZ	5910-018-1944	CAPACITOR,FIXED,ELECTROLYTIC M39003-01-2017 (81349) 1A1-A3A1A1C13	EA	REF							*	*	B-5	22
PADZZ	5910-018-1944	CAPACITOR,FIXED,ELECTROLYTIC M39003-01-2017 (81349) 1A1-A3A1A1C17	EA	REF							*	*	B-5	22
PADZZ	5910-858-5179	CAPACITOR,FIXED,ELECTROLYTIC M39003-01-2037 (81349) 1A1-A3A1A1C4	EA	1							*	*	B-5	19
PADZZ	5910-936-3863	CAPACITOR,FIXED,ELECTROLYTIC M39003-01-2113 (81349) 1A1-A3A1A1C7	EA	3							*	*	B-5	32
PADZZ	5910-936-3863	CAPACITOR,FIXED,ELECTROLYTIC M39003-01-2113 (81349) 1A1-A3A1A1C11	EA	REF							*	*	B-5	32
PADZZ	5910-936-3863	CAPACITOR,FIXED,ELECTROLYTIC M39003-01-2113 (81349) 1A1-A3A1A1C15	EA	REF							*	*	B-5	32
PADZZ	5910-936-1334	CAPACITOR,FIXED,ELECTROLYTIC M39003-01-2116 (81349) 1A1-A3A1A1C2	EA	1							*	*	B-5	50
PADZZ	5910-027-9907	CAPACITOR,FIXED,ELECTROLYTIC M39003-01-2122 (81349) 1A1-A3A1A1C8	EA	3							*	*	B-5	25
PADZZ	5910-027-9907	CAPACITOR,FIXED,ELECTROLYTIC M39003-01-2122 (81349) 1A1-A3A1A1C12	EA	REF							*	*	B-5	25
PADZZ	5910-027-9907	CAPACITOR,FIXED,ELECTROLYTIC M39003-01-2122 (81349) 1A1-A3A1A1C16	EA	REF							*	*	B-5	25
PADZZ	5910-936-7393	CAPACITOR,FIXED,ELECTROLYTIC M39003-01-2125 (81349) 1A1-A3A1A1C5	EA	1							*	*	B-5	17A
PADZZ	5910-107-4338	CAPACITOR,FIXED,PLASTIC DIEL SMC2016154-4 (04655) 1A1-A3A1A1C6	EA	1							*	*	B-5	40
PADZZ	5910-101-2192	CAPACITOR,FIXED,PLASTIC DIEL SMC2016154-5 (04655) 1A1-A3A1A1C10	EA	1							*	*	B-5	31
PADZZ		CAPACITOR,FIXED,PLASTIC DIEL SMC2016154-7 (04655) 1A1-A3A1A1C14	EA	1							*	*	B-5	43
XBDZZ		PRINTED WIRING BOARD SMC743630 (04655)	EA	1									B-5	48
PADZZ	5950-321-8198	REACTOR SMC2016160-2 (04655) 1A1-A3A1A1L1	EA	1							*	*	B-5	9
PADZZ	5950-321-8199	REACTOR SMC2016163 (04655) 1A1-A3A1A1L2	EA	2							*	*	B-5	33
XBDZZ	5310-054-5697	SCREW,MACHINE MS51957-13 (96906)	EA	1									B-5	34
XBDZZ	5310-595-6211	WASHER,FLAT MS15795-803 (96906)	EA	1									B-5	35
XBDZZ	5310-550-3715	WASHER,LOCK MS35333-70 (96906)	EA	1									B-5	36
PADZZ	5950-321-8199	REACTOR SMC2016163 (04655) 1A1-A3A1A1L3	EA	REF							*	*	B-5	33
XBDZZ	5310-054-5697	SCREW,MACHINE MS51957-13 (96906)	EA	1									B-5	34
XBDZZ	5310-595-6211	WASHER,FLAT MS15795-803 (96906)	EA	1									B-5	35
XBDZZ	5310-550-3715	WASHER,LOCK MS35333-70 (96906)	EA	1									B-5	36

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION / REFERENCE NUMBER & MFR CODE	USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-DAY GS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 YR ALW PER EQUIP CNTGCY	(9) DEPOT MAINT ALW PER 100	(10) ILLUSTRATIONS (a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PADZZ	5950-321-8203	REACTOR ET403-1620-7 (53021)	1A1-A3A1A1L4	EA	1							*	*	B-5	44
XBDZZ	5305-054-6650	SCREW,MACHINE MS51957-26 (96906)		EA	1									B-5	45
XBFZZ	5310-722-5998	WASHER,FLAT MS15795-805 (96906)		EA	1									B-5	46
XBFZZ	5310-616-3555	WASHER,LOCK MS35333-71 (96906)		EA	1									B-5	47
PADZZ	5905-106-3666	RESISTOR,FIXED,COMPOSITION RCR07G103JS (81349)	1A1-A3A1A1R14	EA	1							*	*	B-5	16
PADZZ	5905-131-1255	RESISTOR,FIXED,COMPOSITION RCR07G122JS (81349)	1A1-A3A1A1R20	EA	3							*	*	B-5	39
PADZZ	5905-131-1255	RESISTOR,FIXED,COMPOSITION RCR07G122JS (81349)	1A1-A3A1A1R37	EA	REF							*	*	B-5	39
PADZZ	5905-131-1255	RESISTOR,FIXED,COMPOSITION RCR07G122JS (81349)	1A1-A3A1A1R54	EA	REF							*	*	B-5	39
PADZZ	5905-116-8555	RESISTOR,FIXED,COMPOSITION RCR07G153JS (81349)	1A1-A3A1A1R8	EA	7							*	*	B-5	27
PADZZ	5905-116-8555	RESISTOR,FIXED,COMPOSITION RCR07G153JS (81349)	1A1-A3A1A1R22	EA	REF							*	*	B-5	27
PADZZ	5905-116-8555	RESISTOR,FIXED,COMPOSITION RCR07G153JS (81349)	1A1-A3A1A1R23	EA	REF							*	*	B-5	27
PADZZ	5905-116-8555	RESISTOR,FIXED,COMPOSITION RCR07G153JS (81349)	1A1-A3A1A1R39	EA	REF							*	*	B-5	27
PADZZ	5905-116-8555	RESISTOR,FIXED,COMPOSITION RCR07G153JS (81349)	1A1-A3A1A1R40	EA	REF							*	*	B-5	27
PADZZ	5905-116-8555	RESISTOR,FIXED,COMPOSITION RCR07G153JS (81349)	1A1-A3A1A1R56	EA	REF							*	*	B-5	27
PADZZ	5905-116-8555	RESISTOR,FIXED,COMPOSITION RCR07G153JS (81349)	1A1-A3A1A1R57	EA	REF							*	*	B-5	27
PADZZ	5905-114-0708	RESISTOR,FIXED,COMPOSITION RCR07G202JS (81349)	1A1-A3A1A1R9	EA	1							*	*	B-5	24
PADZZ	5905-106-9356	RESISTOR,FIXED,COMPOSITION RCR07G203JS (81349)	1A1-A3A1A1R2	EA	8							*	*	B-5	3
PADZZ	5905-106-9356	RESISTOR,FIXED,COMPOSITION RCR07G203JS (81349)	1A1-A3A1A1R21	EA	REF							*	*	B-5	3
PADZZ	5905-106-9356	RESISTOR,FIXED,COMPOSITION RCR07G203JS (81349)	1A1-A3A1A1R26	EA	REF							*	*	B-5	3
PADZZ	5905-106-9356	RESISTOR,FIXED,COMPOSITION RCR07G203JS (81349)	1A1-A3A1A1R27	EA	REF							*	*	B-5	3
PADZZ	5905-106-9356	RESISTOR,FIXED,COMPOSITION RCR07G203JS (81349)	1A1-A3A1A1R38	EA	REF							*	*	B-5	3
PADZZ	5905-106-9356	RESISTOR,FIXED,COMPOSITION RCR07G203JS (81349)	1A1-A3A1A1R44	EA	REF							*	*	B-5	3
PADZZ	5905-106-9356	RESISTOR,FIXED,COMPOSITION RCR07G203JS (81349)	1A1-A3A1A1R55	EA	REF							*	*	B-5	3
PADZZ	5905-106-9356	RESISTOR,FIXED,COMPOSITION RCR07G203JS (81349)	1A1-A3A1A1R61	EA	REF							*	*	B-5	3
PADZZ	5905-141-1295	RESISTOR,FIXED,COMPOSITION RCR07G243JS (81349)	1A1-A3A1A1R18	EA	3							*	*	B-5	28
PADZZ	5905-141-1295	RESISTOR,FIXED,COMPOSITION RCR07G243JS (81349)	1A1-A3A1A1R35	EA	REF							*	*	B-5	28
PADZZ	5905-141-1295	RESISTOR,FIXED,COMPOSITION RCR07G243JS (81349)	1A1-A3A1A1R52	EA	REF							*	*	B-5	28
PADZZ	5905-119-3504	RESISTOR,FIXED,COMPOSITION RCR07G273JS (81349)	1A1-A3A1A1R30	EA	3							*	*	B-5	21
PADZZ	5905-119-3504	RESISTOR,FIXED,COMPOSITION RCR07G273JS (81349)	1A1-A3A1A1R47	EA	REF							*	*	B-5	21
PADZZ	5905-119-3504	RESISTOR,FIXED,COMPOSITION RCR07G273JS (81349)	1A1-A3A1A1R64	EA	REF							*	*	B-5	21
PADZZ	5905-131-9729	RESISTOR,FIXED,COMPOSITION RCR07G302JS (81349)	1A1-A3A1A1R1	EA	1							*	*	B-5	2

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT Maintenance [Continued]

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION / REFERENCE NUMBER & MFR CODE	USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-DAY GS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 YR ALW PER EQUIP CNTGCY	(9) DEPOT MAINT ALW PER 100	(10) ILLUSTRATIONS (a) FIG NO	(b) ITEM NO OR REFERENCE DESIGNATION
PADZZ	5905-121-9920	RESISTOR,FIXED,COMPOSITION RCR07G303JS (81349)	1A1-A3A1A1R24	EA	3							•	•	B-5	37
PADZZ	5905-121-9920	RESISTOR,FIXED,COMPOSITION RCR07G303JS (81349)	1A1-A3A1A1R41	EA	REF							•	•	B-5	37
PADZZ	5905-121-9920	RESISTOR,FIXED,COMPOSITION RCR07G303JS (81349)	1A1-A3A1A1R58	EA	REF							•	•	B-5	37
PADZZ	5905-126-6683	RESISTOR,FIXED,COMPOSITION RCR07G332JS (81349)	1A1-A3A1A1R5	EA	1							•	•	B-5	52
PADZZ	5905-121-9932	RESISTOR,FIXED,COMPOSITION RCR07G391JS (81349)	1A1-A3A1A1R15	EA	1							•	•	B-5	17
PADZZ	5905-141-0743	RESISTOR,FIXED,COMPOSITION RCR07G392JS (81349)	1A1-A3A1A1R12	EA	1							•	•	B-5	13
PADZZ	5905-120-9154	RESISTOR,FIXED,COMPOSITION RCR07G471JS (81349)	1A1-A3A1A1R3	EA	1							•	•	B-5	49
PADZZ	5905-114-0711	RESISTOR,FIXED,COMPOSITION RCR07G472JS (81349)	1A1-A3A1A1R10	EA	2							•	•	B-5	12
PADZZ	5905-114-0711	RESISTOR,FIXED,COMPOSITION RCR07G472JS (81349)	1A1-A3A1A1R11	EA	REF							•	•	B-5	12
PADZZ	5905-141-0717	RESISTOR,FIXED,COMPOSITION RCR07G473JS (81349)	1A1-A3A1A1R28	EA	9							•	•	B-5	18
PADZZ	5905-141-0717	RESISTOR,FIXED,COMPOSITION RCR07G473JS (81349)	1A1-A3A1A1R31	EA	REF							•	•	B-5	18
PADZZ	5905-141-0717	RESISTOR,FIXED,COMPOSITION RCR07G473JS (81349)	1A1-A3A1A1R32	EA	REF							•	•	B-5	18
PADZZ	5905-141-0717	RESISTOR,FIXED,COMPOSITION RCR07G473JS (81349)	1A1-A3A1A1R45	EA	REF							•	•	B-5	18
PADZZ	5905-141-0717	RESISTOR,FIXED,COMPOSITION RCR07G473JS (81349)	1A1-A3A1A1R48	EA	REF							•	•	B-5	18
PADZZ	5905-141-0717	RESISTOR,FIXED,COMPOSITION RCR07G473JS (81349)	1A1-A3A1A1R49	EA	REF							•	•	B-5	18
PADZZ	5905-141-0717	RESISTOR,FIXED,COMPOSITION RCR07G473JS (81349)	1A1-A3A1A1R62	EA	REF							•	•	B-5	18
PADZZ	5905-141-0717	RESISTOR,FIXED,COMPOSITION RCR07G473JS (81349)	1A1-A3A1A1R65	EA	REF							•	•	B-5	18
PADZZ	5905-141-0717	RESISTOR,FIXED,COMPOSITION RCR07G473JS (81349)	1A1-A3A1A1R66	EA	REF							•	•	B-5	18
PADZZ	5905-111-1679	RESISTOR,FIXED,COMPOSITION RCR07G512JS (81349)	1A1-A3A1A1R43	EA	2							•	•	B-5	42
PADZZ	5905-111-1679	RESISTOR,FIXED,COMPOSITION RCR07G512JS (81349)	1A1-A3A1A1R60	EA	REF							•	•	B-5	42
PADZZ	5905-141-0744	RESISTOR,FIXED,COMPOSITION RCR07G562JS (81349)	1A1-A3A1A1R34	EA	1							•	•	B-5	29
PADZZ	5905-228-5506	RESISTOR,FIXED,COMPOSITION RCR07G622JS (81349)	1A1-A3A1A1R13	EA	1							•	•	B-5	14
PADZZ	5905-110-7622	RESISTOR,FIXED,COMPOSITION RCR07G682JS (81349)	1A1-A3A1A1R17	EA	5							•	•	B-5	23
PADZZ	5905-110-7622	RESISTOR,FIXED,COMPOSITION RCR07G682JS (81349)	1A1-A3A1A1R29	EA	REF							•	•	B-5	23
PADZZ	5905-110-7622	RESISTOR,FIXED,COMPOSITION RCR07G682JS (81349)	1A1-A3A1A1R46	EA	REF							•	•	B-5	23
PADZZ	5905-110-7622	RESISTOR,FIXED,COMPOSITION RCR07G682JS (81349)	1A1-A3A1A1R51	EA	REF							•	•	B-5	23
PADZZ	5905-110-7622	RESISTOR,FIXED,COMPOSITION RCR07G682JS (81349)	1A1-A3A1A1R63	EA	REF							•	•	B-5	23
PADZZ	5905-126-6696	RESISTOR,FIXED,COMPOSITION RCR07G301JS (81349)	1A1-A3A1A1R4	EA	1							•	•	B-5	16A
PADZZ	5905-104-8358	RESISTOR,FIXED,COMPOSITION RCR07G822JS (81349)	1A1-A3A1A1R19	EA	6							•	•	B-5	26
PADZZ	5905-104-8358	RESISTOR,FIXED,COMPOSITION RCR07G822JS (81349)	1A1-A3A1A1R25	EA	REF							•	•	B-5	26
PADZZ	5905-104-8358	RESISTOR,FIXED,COMPOSITION RCR07G822JS (81349)	1A1-A3A1A1R36	EA	REF							•	•	B-5	26

SECTION II EPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE [Continued]

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION / REFERENCE NUMBER & MFR CODE	USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-DAY GS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 YR ALW PER EQUIP CNTGCY	(9) DEPOT MAINT ALW PER 100	(10) ILLUSTRATIONS (a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PADZZ	5905-104-8358	RESISTOR,FIXED,COMPOSITION RCR07G822JS (81349)	1A1-A3A1A1R42	EA	REF							*	*	B-5	26
PADZZ	5905-104-8358	RESISTOR,FIXED,COMPOSITION RCR07G822JS (81349)	1A1-A3A1A1R53	EA	REF							*	*	B-5	26
PADZZ	5905-104-8358	RESISTOR,FIXED,COMPOSITION RCR07G822JS (81349)	1A1-A3A1A1R59	EA	REF							*	*	B-5	26
PADZZ	5905-465-7958	RESISTOR,FIXED,FILM RNR60H1001FR (81349)	1A1-A3A1A1R33	EA	1							*	*	B-5	30
PADZZ	5905-461-0013	RESISTOR,FIXED,FILM RNR60H2002FR (81349)	1A1-A3A1A1R6	EA	1							*	*	B-5	6
PADZZ	5905-451-7520	RESISTOR,FIXED,FILM RNR60H3242FR (81349)	1A1-A3A1A1R7	EA	1							*	*	B-5	5
PADZZ	5905-483-4131	RESISTOR,FIXED,FILM RNR60H4640FR (81349)	1A1-A3A1A1R50	EA	1							*	*	B-5	41
PADZZ	5905-471-2261	RESISTOR,FIXED,FILM RNR60H9090FR (81349)	1A1-A3A1A1R16	EA	1							*	*	B-5	38
PADZZ	6625-911-0754	RETAINER,TRANSISTOR 7717-44DAP (13103)	1A1-A3A1A1E2	EA	23							*	*	B-5	8
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A1CR1	EA	5							*	*	B-5	18
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A1CR2	EA	REF							*	*	B-5	18
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A1CR3	EA	REF							*	*	B-5	18
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A1CR4	EA	REF							*	*	B-5	18
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A1CR5	EA	REF							*	*	B-5	18
PADZZ	5975-441-1605	STRAP,RETAINING 2829-75-2 (98159)		EA	1							*	*	B-5	10
PADZZ	5950-433-1891	TRANSFORMER,AUDIO FREQUENCY SMC2015878 (04655)	1A1-A3A1A1T1	EA	1							*	*	B-5	1
PADZZ		TRANSISTOR 2N2222 (81349)	1A1-A3A1A1Q1	EA	13							*	*	B-5	11
PADZZ		TRANSISTOR 2N2222 (81349)	1A1-A3A1A1Q6	EA	REF							*	*	B-5	11
PADZZ		TRANSISTOR 2N2222 (81349)	1A1-A3A1A1Q7	EA	REF							*	*	B-5	11
PADZZ		TRANSISTOR 2N2222 (81349)	1A1-A3A1A1Q9	EA	REF							*	*	B-5	11
PADZZ		TRANSISTOR 2N2222 (81349)	1A1-A3A1A1Q11	EA	REF							*	*	B-5	11
PADZZ		TRANSISTOR 2N2222 (81349)	1A1-A3A1A1Q12	EA	REF							*	*	B-5	11
PADZZ		TRANSISTOR 2N2222 (81349)	1A1-A3A1A1Q13	EA	REF							*	*	B-5	11
PADZZ		TRANSISTOR 2N2222 (81349)	1A1-A3A1A1Q15	EA	REF							*	*	B-5	11
PADZZ		TRANSISTOR 2N2222 (81349)	1A1-A3A1A1Q17	EA	REF							*	*	B-5	11
PADZZ		TRANSISTOR 2N2222 (81349)	1A1-A3A1A1Q18	EA	REF							*	*	B-5	11
PADZZ		TRANSISTOR 2N2222 (81349)	1A1-A3A1A1Q19	EA	REF							*	*	B-5	11
PADZZ		TRANSISTOR 2N2222 (81349)	1A1-A3A1A1Q21	EA	REF							*	*	B-5	11
PADZZ		TRANSISTOR 2N2222 (81349)	1A1-A3A1A1Q23	EA	REF							*	*	B-5	11
PADZZ	5961-814-9532	TRANSISTOR 2N2484 (81349)	1A1-A3A1A1Q2	EA	2							*	*	B-5	7
PADZZ	5961-814-9532	TRANSISTOR 2N2484 (81349)	1A1-A3A1A1Q3	EA	REF							*	*	B-5	7

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE [continued)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR CODE	USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-DAY GS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 YR ALW PER EQUIP CATEGCY	(9) DEPOT MAINT ALW PER 100	(10) ILLUSTRATIONS (a) FIG NO	(b) ITEM NO. OR REFERENCE DESIGNATION
PAD22	5961-925-3777	TRANSISTOR 2N2907 (81349)	1A1-A3A1A1Q4	EA	8							*	*	B-5	15
PAD22	5961-925-3777	TRANSISTOR 2N2907 (81349)	1A1-A3A1A1Q5	EA	REF							*	*	B-5	15
PAD22	5961-925-3777	TRANSISTOR 2N2907 (81349)	1A1-A3A1A1Q8	EA	REF							*	*	B-5	15
PAD22	5961-925-3777	TRANSISTOR 2N2907 (81349)	1A1-A3A1A1Q10	EA	REF							*	*	B-5	15
PAD22	5961-925-3777	TRANSISTOR 2N2907 (81349)	1A1-A3A1A1Q14	EA	REF							*	*	B-5	15
PAD22	5961-925-3777	TRANSISTOR 2N2907 (81349)	1A1-A3A1A1Q16	EA	REF							*	*	B-5	15
PAD22	5961-925-3777	TRANSISTOR 2N2907 (81349)	1A1-A3A1A1Q20	EA	REF							*	*	B-5	15
PAD22	5961-925-3777	TRANSISTOR 2N2907 (81349)	1A1-A3A1A1Q22	EA	REF							*	*	B-5	15

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE [Continued]

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION / REFERENCE NUMBER & MFR CODE	USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-DAY GS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 YR ALW PER EQUIP CNTGCY	(9) DEPOT MAINT ALW PER 100	(10) ILLUSTRATIONS (a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
		GROUP 0820 CIRCUIT CARD,CHANNEL MODULE,LOGIC,SMD743632 1A1A1A2 THROUGH 1A3A1A2													
PAFDD		CIRCUIT CD,LOGIC,CHANNEL MDL SMD743632 (04655)	1A1-A3A1A2	EA	REF	*	*	*	*	*	*	*	*	B-6	
PADZZ		CAPACITOR,FIXED,CERAMIC DIEL CKR05BX102MM (81349)	1A1-A3A1A2C1	EA	1							*	*	B-6	26
PADZZ	5910-113-5499	CAPACITOR,FIXED,CERAMIC DIEL CKR06CW104MM (81349)	1A1-A3A1A2C4	EA	2							*	*	B-6	16
PADZZ	5910-113-5499	CAPACITOR,FIXED,CERAMIC DIEL CKR06CW104MM (81349)	1A1-A3A1A2C5	EA	REF							*	*	B-6	16
PADZZ	5910-114-0144	CAPACITOR,FIXED,ELECTROLYTIC CLR27BM0408GL (81349)	1A1-A3A1A2C10	EA	1							*	*	B-6	31
PADZZ	5910-926-8219	CAPACITOR,FIXED,ELECTROLYTIC M39003-01-2004 (81349)	1A1-A3A1A2C2	EA	1							*	*	B-6	25
PADZZ	5910-858-5178	CAPACITOR,FIXED,ELECTROLYTIC M39003-01-2021 (81349)	1A1-A3A1A2C9	EA	1							*	*	B-6	14
PADZZ	5910-996-0532	CAPACITOR,FIXED,ELECTROLYTIC M39003-01-2031 (81349)	1A1-A3A1A2C3	EA	3							*	*	B-6	24
PADZZ	5910-996-0532	CAPACITOR,FIXED,ELECTROLYTIC M39003-01-2031 (81349)	1A1-A3A1A2C6	EA	REF							*	*	B-6	24
PADZZ	5910-996-0532	CAPACITOR,FIXED,ELECTROLYTIC M39003-01-2031 (81349)	1A1-A3A1A2C8	EA	REF							*	*	B-6	24
PADZZ	5910-936-1334	CAPACITOR,FIXED,ELECTROLYTIC M39003-01-2116 (81349)	1A1-A3A1A2C7	EA	2							*	*	B-6	37
PADZZ	5910-936-1334	CAPACITOR,FIXED,ELECTROLYTIC M39003-01-2116 (81349)	1A1-A3A1A2C11	EA	REF							*	*	B-6	37
XBDZZ		PRINTED WIRING BOARD SMC743637 (04655)	1A1-A3A1A2E1	EA	1									B-6	38
PADZZ	5950-321-8198	REACTOR SMC2016160-2 (04655)	1A1-A3A1A2L1	EA	1							*	*	B-6	24
PADZZ	5905-141-1183	RESISTOR,FIXED,COMPOSITION RCR07G101JS (81349)	1A1-A3A1A2R29	EA	1							*	*	B-6	7
PADZZ	5905-110-7620	RESISTOR,FIXED,COMPOSITION RCR07G102JS (81349)	1A1-A3A1A2R2	EA	3							*	*	B-6	19
PADZZ	5905-110-7620	RESISTOR,FIXED,COMPOSITION RCR07G102JS (81349)	1A1-A3A1A2R6	EA	REF							*	*	B-6	19
PADZZ	5905-110-7620	RESISTOR,FIXED,COMPOSITION RCR07G102JS (81349)	1A1-A3A1A2R49	EA	REF							*	*	B-6	19
PADZZ	5905-106-3666	RESISTOR,FIXED,COMPOSITION RCR07G103JS (81349)	1A1-A3A1A2R10	EA	5							*	*	B-6	2
PADZZ	5905-106-3666	RESISTOR,FIXED,COMPOSITION RCR07G103JS (81349)	1A1-A3A1A2R15	EA	REF							*	*	B-6	2
PADZZ	5905-106-3666	RESISTOR,FIXED,COMPOSITION RCR07G103JS (81349)	1A1-A3A1A2R16	EA	REF							*	*	B-6	2
PADZZ	5905-106-3666	RESISTOR,FIXED,COMPOSITION RCR07G103JS (81349)	1A1-A3A1A2R17	EA	REF							*	*	B-6	2
PADZZ	5905-106-3666	RESISTOR,FIXED,COMPOSITION RCR07G103JS (81349)	1A1-A3A1A2R28	EA	REF							*	*	B-6	2
PADZZ	5905-110-0388	RESISTOR,FIXED,COMPOSITION RCR07G104JS (81349)	1A1-A3A1A2R43	EA	1							*	*	B-6	16 A
PADZZ	5905-116-8554	RESISTOR,FIXED,COMPOSITION RCR07G105JS (81349)	1A1-A3A1A2R44	EA	2							*	*	B-6	17
PADZZ	5905-116-8554	RESISTOR,FIXED,COMPOSITION RCR07G105JS (81349)	1A1-A3A1A2R45	EA	REF							*	*	B-6	17
PADZZ	5905-106-1278	RESISTOR,FIXED,COMPOSITION RCR07G123JS (81349)	1A1-A3A1A2R35	EA	1							*	*	B-6	13
PADZZ	5905-369-6932	RESISTOR,FIXED,COMPOSITION RCR07G113JS (81349)	1A1-A3A1A2R59	EA	1							*	*	B-6	34
PADZZ	5905-111-4845	RESISTOR,FIXED,COMPOSITION RCR07G201JS (81349)	1A1-A3A1A2R53	EA	2							*	*	B-6	21

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE [Continued]

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR CODE	USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY OS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-DAY GS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 YR ALW PER EQUIP CATEGCY	(9) DEPOT MAINT ALW PER 100	(10) ILLUSTRATIONS (a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PADZZ	5905-111-4845	RESISTOR,FIXED,COMPOSITION RCR07G201JS (81349)	1A1-A3A1A2R57	EA	REF							*	*	B-6	21
PADZZ	5905-106-9356	RESISTOR,FIXED,COMPOSITION RCR07G203JS (81349)	1A1-A3A1A2R12	EA	1							*	*	B-6	18
PADZZ	5905-136-7103	RESISTOR,FIXED,COMPOSITION RCR07G204JS (81349)	1A1-A3A1A2R50	EA	1							*	*	B-6	35
PADZZ	5905-105-7764	RESISTOR,FIXED,COMPOSITION RCR07G222JS (81349)	1A1-A3A1A2R1	EA	3							*	*	B-6	3
PADZZ	5905-105-7764	RESISTOR,FIXED,COMPOSITION RCR07G222JS (81349)	1A1-A3A1A2R5	EA	REF							*	*	B-6	3
PADZZ	5905-105-7764	RESISTOR,FIXED,COMPOSITION RCR07G222JS (81349)	1A1-A3A1A2R25	EA	REF							*	*	B-6	3
PADZZ	5905-116-8556	RESISTOR,FIXED,COMPOSITION RCR07G223JS (81349)	1A1-A3A1A2R23	EA	3							*	*	B-6	11
PADZZ	5905-116-8556	RESISTOR,FIXED,COMPOSITION RCR07G223JS (81349)	1A1-A3A1A2R33	EA	REF							*	*	B-6	11
PADZZ	5905-116-8556	RESISTOR,FIXED,COMPOSITION RCR07G223JS (81349)	1A1-A3A1A2R40	EA	REF							*	*	B-6	11
PADZZ	5905-435-1718	RESISTOR,FIXED,COMPOSITION RCR07G241JS (81349)	1A1-A3A1A2R56	EA	1							*	*	B-6	29
PADZZ	5905-119-3504	RESISTOR,FIXED,COMPOSITION RCR07G273JS (81349)	1A1-A3A1A2R36	EA	1							*	*	B-6	12
PADZZ	5905-121-9920	RESISTOR,FIXED,COMPOSITION RCR07G303JS (81349)	1A1-A3A1A2R20	EA	5							*	*	B-6	8
PADZZ	5905-121-9920	RESISTOR,FIXED,COMPOSITION RCR07G303JS (81349)	1A1-A3A1A2R30	EA	REF							*	*	B-6	8
PADZZ	5905-121-9920	RESISTOR,FIXED,COMPOSITION RCR07G303JS (81349)	1A1-A3A1A2R34	EA	REF							*	*	B-6	8
PADZZ	5905-121-9920	RESISTOR,FIXED,COMPOSITION RCR07G303JS (81349)	1A1-A3A1A2R38	EA	REF							*	*	B-6	8
PADZZ	5905-121-9920	RESISTOR,FIXED,COMPOSITION RCR07G303JS (81349)	1A1-A3A1A2R55	EA	REF							*	*	B-6	8
PADZZ	5905-116-0711	RESISTOR,FIXED,COMPOSITION RCR07G472JS (81349)	1A1-A3A1A2R46	EA	1							*	*	B-6	36
PADZZ	5905-141-0717	RESISTOR,FIXED,COMPOSITION RCR07G473JS (81349)	1A1-A3A1A2R4	EA	14							*	*	B-6	4
PADZZ	5905-141-0717	RESISTOR,FIXED,COMPOSITION RCR07G473JS (81349)	1A1-A3A1A2R8	EA	REF							*	*	B-6	4
PADZZ	5905-141-0717	RESISTOR,FIXED,COMPOSITION RCR07G473JS (81349)	1A1-A3A1A2R9	EA	REF							*	*	B-6	4
PADZZ	5905-141-0717	RESISTOR,FIXED,COMPOSITION RCR07G473JS (81349)	1A1-A3A1A2R11	EA	REF							*	*	B-6	4
PADZZ	5905-141-0717	RESISTOR,FIXED,COMPOSITION RCR07G473JS (81349)	1A1-A3A1A2R13	EA	REF							*	*	B-6	4
PADZZ	5905-141-0717	RESISTOR,FIXED,COMPOSITION RCR07G473JS (81349)	1A1-A3A1A2R14	EA	REF							*	*	B-6	4
PADZZ	5905-141-0717	RESISTOR,FIXED,COMPOSITION RCR07G473JS (81349)	1A1-A3A1A2R21	EA	REF							*	*	B-6	4
PADZZ	5905-141-0717	RESISTOR,FIXED,COMPOSITION RCR07G473JS (81349)	1A1-A3A1A2R24	EA	REF							*	*	B-6	4
PADZZ	5905-141-0717	RESISTOR,FIXED,COMPOSITION RCR07G473JS (81349)	1A1-A3A1A2R31	EA	REF							*	*	B-6	4
PADZZ	5905-141-0717	RESISTOR,FIXED,COMPOSITION RCR07G473JS (81349)	1A1-A3A1A2R41	EA	REF							*	*	B-6	4
PADZZ	5905-141-0717	RESISTOR,FIXED,COMPOSITION RCR07G473JS (81349)	1A1-A3A1A2R47	EA	REF							*	*	B-6	4
PADZZ	5905-141-0717	RESISTOR,FIXED,COMPOSITION RCR07G473JS (81349)	1A1-A3A1A2R48	EA	REF							*	*	B-6	4
PADZZ	5905-141-0717	RESISTOR,FIXED,COMPOSITION RCR07G473JS (81349)	1A1-A3A1A2R51	EA	REF							*	*	B-6	4
PADZZ	5905-141-0717	RESISTOR,FIXED,COMPOSITION RCR07G473JS (81349)	1A1-A3A1A2R52	EA	REF							*	*	B-6	4

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE [Continued]

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION / REFERENCE NUMBER & MFR CODE	USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-DAY GS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 YR ALW PER EQUIP CNTGCY	(9) DEPOT MAINT ALW PER 100	(10) ILLUSTRATIONS (a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PADZZ	5905-111-1679	RESISTOR,FIXED,COMPOSITION RCR07G512JS (81349)	1A1-A3A1A2R18	EA	2							*	*	B-6	15
PADZZ	5905-111-1679	RESISTOR,FIXED,COMPOSITION RCR07G512JS (81349)	1A1-A3A1A2R37	EA	REF							*	*	B-6	15
PADZZ	5905-141-0744	RESISTOR,FIXED,COMPOSITION RCR07G562JS (81349)	1A1-A3A1A2R19	EA	4							*	*	B-6	9
PADZZ	5905-141-0744	RESISTOR,FIXED,COMPOSITION RCR07G562JS (81349)	1A1-A3A1A2R26	EA	REF							*	*	B-6	9
PADZZ	5905-141-0744	RESISTOR,FIXED,COMPOSITION RCR07G562JS (81349)	1A1-A3A1A2R27	EA	REF							*	*	B-6	9
PADZZ	5905-141-0744	RESISTOR,FIXED,COMPOSITION RCR07G562JS (81349)	1A1-A3A1A2R42	EA	REF							*	*	B-6	9
PADZZ	5905-119-8768	RESISTOR,FIXED,COMPOSITION RCR07G821JS (81349)	1A1-A3A1A2R54	EA	1							*	*	B-6	22
PADZZ	5905-104-8358	RESISTOR,FIXED,COMPOSITION RCR07G822JS (81349)	1A1-A3A1A2R3	EA	2							*	*	B-6	20
PADZZ	5905-104-8358	RESISTOR,FIXED,COMPOSITION RCR07G822JS (81349)	1A1-A3A1A2R7	EA	REF							*	*	B-6	20
PADZZ	5905-435-6374	RESISTOR,FIXED,COMPOSITION RCR07G823JS (81349)	1A1-A3A1A2R22	EA	3							*	*	B-6	10
PADZZ	5905-435-6374	RESISTOR,FIXED,COMPOSITION RCR07G823JS (81349)	1A1-A3A1A2R32	EA	REF							*	*	B-6	10
PADZZ	5905-435-6374	RESISTOR,FIXED,COMPOSITION RCR07G823JS (81349)	1A1-A3A1A2R39	EA	REF							*	*	B-6	10
PADZZ	5905-004-6084	RESISTOR,FIXED,FILM RNR60H1430FR (81349)	1A1-A3A1A2R60	EA	1							*	*	B-6	27
PADZZ	5905-146-4480	RESISTOR,VARIABLE MTR22D2W102M (81349)	1A1-A3A1A2R58	EA	1							*	*	B-6	23
PADZZ	6625-911-0754	RETAINER,TRANSISTOR 7717-44DAP (13103)	1A1-A3A1A2E2	EA	21							*	*	B-6	6
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A2CR1	EA	33							*	*	B-6	1
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A2CR2	EA	REF							*	*	B-6	1
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A2CR3	EA	REF							*	*	B-6	1
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A2CR4	EA	REF							*	*	B-6	1
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A2CR5	EA	REF							*	*	B-6	1
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A2CR6	EA	REF							*	*	B-6	1
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A2CR7	EA	REF							*	*	B-6	1
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A2CR8	EA	REF							*	*	B-6	1
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A2CR9	EA	REF							*	*	B-6	1
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A2CR10	EA	REF							*	*	B-6	1
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A2CR11	EA	REF							*	*	B-6	1
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A2CR12	EA	REF							*	*	B-6	1
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A2CR13	EA	REF							*	*	B-6	1
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A2CR14	EA	REF							*	*	B-6	1
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A2CR15	EA	REF							*	*	B-6	1
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A2CR16	EA	REF							*	*	B-6	1

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT. AND DEPOT MAINTENANCE (Continued)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR CODE	USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-DAY GS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 YR ALW PER EQUIP CNTGCY	(9) DEPOT MAINT ALW PER 100	(10) ILLUSTRATIONS (a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A2CR17	EA	REF							•	•	B-6	1
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A2CR18	EA	REF							•	•	B-6	1
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A2CR19	EA	REF							•	•	B-6	1
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A2CR20	EA	REF							•	•	B-6	1
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A2CR21	EA	REF							•	•	B-6	1
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A2CR22	EA	REF							•	•	B-6	1
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A2CR23	EA	REF							•	•	B-6	1
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A2CR24	EA	REF							•	•	B-6	1
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A2CR25	EA	REF							•	•	B-6	1
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A2CR26	EA	REF							•	•	B-6	1
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A2CR27	EA	REF							•	•	B-6	1
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A2CR28	EA	REF							•	•	B-6	1
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A2CR29	EA	REF							•	•	B-6	1
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A2CR30	EA	REF							•	•	B-6	1
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A2CR31	EA	REF							•	•	B-6	1
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A2CR32	EA	REF							•	•	B-6	1
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A1-A3A1A2CR33	EA	REF							•	•	B-6	1
PADZZ	5975-441-1605	STRAP,RETAINING 2829-75-2 (98159)		EA	1							•	•	B-6	32
PADZZ	5950-433-1892	TRANSFORMER,AUDIO FREQUENCY SMC2015881 (04655)	1A1-A3A1A2T1	EA	1							•	•	B-6	28
PADZZ	5950-230-8756	TRANSFORMER,AUDIO FREQUENCY SMD2015879 (04655)	1A1-A3A1A2T2	EA	1							•	•	B-6	30
PADZZ		TRANSISTOR 2N2222 (81349)	1A1-A3A1A2Q1	EA	15							•	•	B-6	5
PADZZ		TRANSISTOR 2N2222 (81349)	1A1-A3A1A2Q2	EA	REF							•	•	B-6	5
PADZZ		TRANSISTOR 2N2222 (81349)	1A1-A3A1A2Q3	EA	REF							•	•	B-6	5
PADZZ		TRANSISTOR 2N2222 (81349)	1A1-A3A1A2Q4	EA	REF							•	•	B-6	5
PADZZ		TRANSISTOR 2N2222 (81349)	1A1-A3A1A2Q5	EA	REF							•	•	B-6	5
PADZZ		TRANSISTOR 2N2222 (81349)	1A1-A3A1A2Q6	EA	REF							•	•	B-6	5
PADZZ		TRANSISTOR 2N2222 (81349)	1A1-A3A1A2Q7	EA	REF							•	•	B-6	5
PADZZ		TRANSISTOR 2N2222 (81349)	1A1-A3A1A2Q9	EA	REF							•	•	B-6	5
PADZZ		TRANSISTOR 2N2222 (81349)	1A1-A3A1A2Q10	EA	REF							•	•	B-6	5
PADZZ		TRANSISTOR 2N2222 (81349)	1A1-A3A1A2Q12	EA	REF							•	•	B-6	5
PADZZ		TRANSISTOR 2N2222 (81349)	1A1-A3A1A2Q13	EA	REF							•	•	B-6	5

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR CODE	USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-DAY GS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 YR ALW PER EQUIP CNTGCY	(9) DEPOT MAINT ALW PER 100	(10) ILLUSTRATIONS (a) FIG NO	(b) ITEM NO. OR REFERENCE DESIGNATION
PAD2Z		TRANSISTOR 2N2222 (81349)	1A1-A3A1A2Q16	EA	REF							*	*	B-6	5
PAD2Z		TRANSISTOR 2N2222 (81349)	1A1-A3A1A2Q17	EA	REF							*	*	B-6	5
PAD2Z		TRANSISTOR 2N2222 (81349)	1A1-A3A1A2Q18	EA	REF							*	*	B-6	5
PAD2Z		TRANSISTOR 2N2222 (81349)	1A1-A3A1A2Q19	EA	REF							*	*	B-6	5
PAD2Z		TRANSISTOR 2N2222 (81349)	1A1-A3A1A2Q20	EA	REF							*	*	B-6	5
PAD2Z	5961-925-3777	TRANSISTOR 2N2907 (81349)	1A1-A3A1A2Q8	EA	5							*	*	B-6	14
PAD2Z	5961-925-3777	TRANSISTOR 2N2907 (81349)	1A1-A3A1A2Q11	EA	REF							*	*	B-6	14
PAD2Z	5961-925-3777	TRANSISTOR 2N2907 (81349)	1A1-A3A1A2Q14	EA	REF							*	*	B-6	14
PAD2Z	5961-925-3777	TRANSISTOR 2N2907 (81349)	1A1-A3A1A2Q15	EA	REF							*	*	B-6	14
PAD2Z	5961-925-3777	TRANSISTOR 2N2907 (81349)	1A1-A3A1A2Q21	EA	REF							*	*	B-6	14

SECTION II REPAIR PARTS FOR DIRECT SUPPORT,GEUERAL SUPPOUT, AND DEPOT MAINTENANCE (Continued]

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR CODE	USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-DAY GS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 YR ALW PER EQUIP CNTGCY	(9) DEPOT MAINT ALW PER 100	(10) ILLUSTRATIONS (a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
		GROUP 0430 CIRCUIT CARD,COMMON MODULE SMD743653 1A4A2													
PAFDD		CIRCUIT CD,COMMON MODULE SMD743653 (04655)	1A4A2	EA	REF	*	*	*	*	*	*	*	*	B-7	
PAFZZ	5910-143-0501	CAPACITOR,FIXED,CERAMIC DIEL CKR06BX472MM (81349)	1A4A2C10	EA	1	*	*	*	*	*	*	*	*	B-7	39
PADZZ	5910-936-1521	CAPACITOR,FIXED,ELECTROLYTIC M39003-01-2014 (81349)	1A4A2C5	EA	5							*	*	B-7	13
PADZZ	5910-936-1521	CAPACITOR,FIXED,ELECTROLYTIC M39003-01-2014 (81349)	1A4A2C6	EA	REF							*	*	B-7	13
PADZZ	5910-936-1521	CAPACITOR,FIXED,ELECTROLYTIC M39003-01-2014 (81349)	1A4A2C7	EA	REF							*	*	B-7	13
PADZZ	5910-936-1521	CAPACITOR,FIXED,ELECTROLYTIC M39003-01-2014 (81349)	1A4A2C8	EA	REF							*	*	B-7	13
PADZZ	5910-936-1521	CAPACITOR,FIXED,ELECTROLYTIC M39003-01-2014 (81349)	1A4A2C9	EA	REF							*	*	B-7	13
PADZZ	5910-018-1944	CAPACITOR,FIXED,ELECTROLYTIC M39003-01-2017 (81349)	1A4A2C11	EA	1							*	*	B-7	30
PADZZ	5910-833-6756	CAPACITOR,FIXED,ELECTROLYTIC M39003-01-2024 (81349)	1A4A2C3	EA	1							*	*	B-7	19
PADZZ	5910-996-0668	CAPACITOR,FIXED,ELECTROLYTIC M39003-01-2025 (81349)	1A4A2C13	EA	1							*	*	B-7	35
PADZZ	5910-926-9784	CAPACITOR,FIXED,ELECTROLYTIC M39003-01-2034 (81349)	1A4A2C4	EA	1							*	*	B-7	26
PADZZ	5910-027-9907	CAPACITOR,FIXED,ELECTRCLYTIC M39003-01-2122 (81349)	1A4A2C1	EA	2							*	*	B-7	15
PADZZ	5910-027-9907	CAPACITOR,FIXED,ELECTROLYTIC M39003-01-2122 (81349)	1A4A2C2	EA	REF							*	*	B-7	15
PADZZ	5910-936-7393	CAPACITOR,FIXED,ELECTROLYTIC M39003-01-2125 (81349)	1A4A2C12	EA	1							*	*	B-7	33
XBDZZ		PRINTED WIRING BOARD SMC743658 (04655)	1A4A2E1	EA	1									B-7	34
PADZZ	5905-141-1183	RESISTOR,FIXED,COMPOSITION RCR07G101JS (81349)	1A4A2R58	EA	2							*	*	B-7	24
PADZZ	5905-141-1183	RESISTOR,FIXED,COMPOSITION RCR07G101JS (81349)	1A4A2R59	EA	REF							*	*	B-7	24
PADZZ	5905-106-3666	RESISTOR,FIXED,COMPOSITION RCR07G103JS (81349)	1A4A2R1	EA	10							*	*	B-7	7
PADZZ	5905-106-3666	RESISTOR,FIXED,COMPOSITION RCR07G103JS (81349)	1A4A2R13	EA	REF							*	*	B-7	7
PADZZ	5905-106-3666	RESISTOR,FIXED,COMPOSITION RCR07G103JS (81349)	1A4A2R22	EA	REF							*	*	B-7	7
PADZZ	5905-106-3666	RESISTOR,FIXED,COMPOSITION RCR07G103JS (81349)	1A4A2R27	EA	REF							*	*	B-7	7
PADZZ	5905-106-3666	RESISTOR,FIXED,COMPOSITION RCR07G103JS (81349)	1A4A2R29	EA	REF							*	*	B-7	7
PADZZ	5905-106-3666	RESISTOR,FIXED,COMPOSITION RCR07G103JS (81349)	1A4A2R34	EA	REF							*	*	B-7	7
PADZZ	5905-106-3666	RESISTOR,FIXED,COMPOSITION RCR07G103JS (81349)	1A4A2R40	EA	REF							*	*	B-7	7
PADZZ	5905-106-3666	RESISTOR,FIXED,COMPOSITION RCR07G103JS (81349)	1A4A2R45	EA	REF							*	*	B-7	7
PADZZ	5905-106-3666	RESISTOR,FIXED,COMPOSITION RCR07G103JS (81349)	1A4A2R47	EA	REF							*	*	B-7	7
PADZZ	5905-106-3666	RESISTOR,FIXED,COMPOSITION RCR07G103JS (81349)	1A4A2R55	EA	REF							*	*	B-7	7
PADZZ	5905-110-0388	RESISTOR,FIXED,COMPOSITION RCR07G104JS (81349)	1A4A2R60	EA	1							*	*	B-7	32
PADZZ	5905-106-1278	RESISTOR,FIXED,COMPOSITION RCR07G123JS (81349)	1A4A2R49	EA	1							*	*	B-7	38

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE [Continued]

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR CODE	USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY GS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-DAY GS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 YR ALW PER EQUIP CNTGCY	(9) DEPOT MAINT ALW PER 100	(10) ILLUSTRATIONS (a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PADZZ	5905-111-4845	RESISTOR,FIXED,COMPOSITION RCR07G201JS (81349)	1A4A2R53	EA	1							*	*	B-7	28
PADZZ	5905-114-0708	RESISTOR,FIXED,COMPOSITION RCR07G202JS (81349)	1A4A2R2	EA	2							*	*	B-7	18
PADZZ	5905-114-0708	RESISTOR,FIXED,COMPOSITION RCR07G202JS (81349)	1A4A2R7	EA	REF							*	*	B-7	18
PADZZ	5905-106-9356	RESISTOR,FIXED,COMPOSITION RCR07G203JS (81349)	1A4A2R20	EA	1							*	*	B-7	17
PADZZ	5905-136-8406	RESISTOR,FIXED,COMPOSITION RCR07G242JS (81349)	1A4A2R57	EA	1							*	*	B-7	31
PADZZ	5905-119-3504	RESISTOR,FIXED,COMPOSITION RCR07G273JS (81349)	1A4A2R5	EA	2							*	*	B-7	22
PADZZ	5905-119-3504	RESISTOR,FIXED,COMPOSITION RCR07G273JS (81349)	1A4A2R9	EA	REF							*	*	B-7	22
PADZZ	5905-131-9729	RESISTOR,FIXED,COMPOSITION RCR07G302JS (81349)	1A4A2R37	EA	1							*	*	B-7	9
PADZZ	5905-121-9920	RESISTOR,FIXED,COMPOSITION RCR07G303JS (81349)	1A4A2R15	EA	8							*	*	B-7	2
PADZZ	5905-121-9920	RESISTOR,FIXED,COMPOSITION RCR07G303JS (81349)	1A4A2R16	EA	REF							*	*	B-7	2
PADZZ	5905-121-9920	RESISTOR,FIXED,COMPOSITION RCR07G303JS (81349)	1A4A2R24	EA	REF							*	*	B-7	2
PADZZ	5905-121-9920	RESISTOR,FIXED,COMPOSITION RCR07G303JS (81349)	1A4A2R25	EA	REF							*	*	B-7	2
PADZZ	5905-121-9920	RESISTOR,FIXED,COMPOSITION RCR07G303JS (81349)	1A4A2R35	EA	REF							*	*	B-7	2
PADZZ	5905-121-9920	RESISTOR,FIXED,COMPOSITION RCR07G303JS (81349)	1A4A2R36	EA	REF							*	*	B-7	2
PADZZ	5905-121-9920	RESISTOR,FIXED,COMPOSITION RCR07G303JS (81349)	1A4A2R42	EA	REF							*	*	B-7	2
PADZZ	5905-121-9920	RESISTOR,FIXED,COMPOSITION RCR07G303JS (81349)	1A4A2R43	EA	REF							*	*	B-7	2
PADZZ	5905-126-6683	RESISTOR,FIXED,COMPOSITION RCR07G332JS (81349)	1A4A2R12	EA	2							*	*	B-7	41
PADZZ	5905-126-6683	RESISTOR,FIXED,COMPOSITION RCR07G332JS (81349)	1A4A2R52	EA	REF							*	*	B-7	41
PADZZ	5905-118-4559	RESISTOR,FIXED,COMPOSITION RCR07G333JS (81349)	1A4A2R3	EA	1							*	*	B-7	21
PADZZ	5905-136-8430	RESISTOR,FIXED,COMPOSITION RCR07G363JS (81349)	1A4A2R23	EA	4							*	*	B-7	10
PADZZ	5905-136-8430	RESISTOR,FIXED,COMPOSITION RCR07G363JS (81349)	1A4A2R30	EA	REF							*	*	B-7	10
PADZZ	5905-136-8430	RESISTOR,FIXED,COMPOSITION RCR07G363JS (81349)	1A4A2R41	EA	REF							*	*	B-7	10
PADZZ	5905-136-8430	RESISTOR,FIXED,COMPOSITION RCR07G363JS (81349)	1A4A2R48	EA	REF							*	*	B-7	10
PADZZ	5905-141-0743	RESISTOR,FIXED,COMPOSITION RCR07G392JS (81349)	1A4A2R26	EA	2							*	*	B-7	1
PADZZ	5905-141-0743	RESISTOR,FIXED,COMPOSITION RCR07G392JS (81349)	1A4A2R44	EA	REF							*	*	B-7	1
PADZZ	5905-115-8055	RESISTOR,FIXED,COMPOSITION RCR07G393JS (81349)	1A4A2R11	EA	1							*	*	B-7	22A
PADZZ	5905-114-0711	RESISTOR,FIXED,COMPOSITION RCR07G472JS (81349)	1A4A2R8	EA	2							*	*	B-7	23
PADZZ	5905-114-0711	RESISTOR,FIXED,COMPOSITION RCR07G472JS (81349)	1A4A2R32	EA	REF							*	*	B-7	23
PADZZ	5905-141-0717	RESISTOR,FIXED,COMPOSITION RCR07G473JS (81349)	1A4A2R4	EA	4							*	*	B-7	14
PADZZ	5905-141-0717	RESISTOR,FIXED,COMPOSITION RCR07G473JS (81349)	1A4A2R6	EA	REF							*	*	B-7	14
PADZZ	5905-141-0717	RESISTOR,FIXED,COMPOSITION RCR07G473JS (81349)	1A4A2R10	EA	REF							*	*	B-7	14

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE (Continued]

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR CODE	USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY GS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-DAY GS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 YR ALW PER EQUIP CNTGCY	(9) DEPOT MAINT ALW PER 100	(10) ILLUSTRATIONS (a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PADZZ	5905-141-0717	RESISTOR,FIXED,COMPOSITION RCR07G473JS (81349)	1A4A2R14	EA	REF							•	•	B-7	14
PADZZ	5905-111-1679	RESISTOR,FIXED,COMPOSITION RCR07G512JS (81349)	1A4A2R17	EA	5							•	•	B-7	8
PADZZ	5905-111-1679	RESISTOR,FIXED,COMPOSITION RCR07G512JS (81349)	1A4A2R21	EA	REF							•	•	B-7	8
PADZZ	5905-111-1679	RESISTOR,FIXED,COMPOSITION RCR07G512JS (81349)	1A4A2R28	EA	REF							•	•	B-7	8
PADZZ	5905-111-1679	RESISTOR,FIXED,COMPOSITION RCR07G512JS (81349)	1A4A2R39	EA	REF							•	•	B-7	8
PADZZ	5905-111-1679	RESISTOR,FIXED,COMPOSITION RCR07G512JS (81349)	1A4A2R46	EA	REF							•	•	B-7	8
PADZZ	5905-136-3890	RESISTOR,FIXED,COMPOSITION RCR07G513JS (81349)	1A4A2R19	EA	1							•	•	B-7	16
PADZZ	5905-141-0744	RESISTOR,FIXED,COMPOSITION RCR07G562JS (81349)	1A4A2R31	EA	2							•	•	B-7	20
PADZZ	5905-141-0744	RESISTOR,FIXED,COMPOSITION RCR07G562JS (81349)	1A4A2R33	EA	REF							•	•	B-7	20
PADZZ	5905-110-7622	RESISTOR,FIXED,COMPOSITION RCR07G682JS (81349)	1A4A2R50	EA	2							•	•	B-7	37
PADZZ	5905-110-7622	RESISTOR,FIXED,COMPOSITION RCR07G682JS (81349)	1A4A2R51	EA	REF							•	•	B-7	37
PADZZ	5905-104-8358	RESISTOR,FIXED,COMPOSITION RCR07G822JS (81349)	1A4A2R18	EA	2							•	•	B-7	12
PADZZ	5905-104-8358	RESISTOR,FIXED,COMPOSITION RCR07G822JS (81349)	1A4A2R38	EA	REF							•	•	B-7	12
PADZZ	5905-685-4554	RESISTOR,FIXED,COMPOSITION RCR07G911JS (81349)	1A4A2R54	EA	1							•	•	B-7	40
PADZZ	5905-251-7514	RESISTOR,VARIABLE RT22C2W203 (81349)	1A4A2R56	EA	1							•	•	B-7	29
PADZZ	6625-911-0754	RETAINER,TRANSISTOR 7717-44DAP (13103)	1A4A2E2	EA	26							•	•	B-7	4
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A4A2CR1	EA	9							•	•	B-7	11
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A4A2CR2	EA	REF							•	•	B-7	11
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A4A2CR3	EA	REF							•	•	B-7	11
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A4A2CR4	EA	REF							•	•	B-7	11
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A4A2CR5	EA	REF							•	•	B-7	11
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A4A2CR6	EA	REF							•	•	B-7	11
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A4A2CR7	EA	REF							•	•	B-7	11
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A4A2CR8	EA	REF							•	•	B-7	11
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A4A2CR10	EA	REF							•	•	B-7	11
PADZZ	5961-847-5246	SEMICONDUCTOR DEVICE,DIODE 1N746A (81349)	1A4A2CR9	EA	1							•	•	B-7	27
PADZZ		TRANSISTOR 2N2219 (81349)	1A4A2Q26	EA	1							•	•	B-7	36
PADZZ		TRANSISTOR 2N2222 (81349)	1A4A2Q1	EA	18							•	•	B-7	5
PADZZ		TRANSISTOR 2N2222 (81349)	1A4A2Q2	EA	REF							•	•	B-7	5
PADZZ		TRANSISTOR 2N2222 (81349)	1A4A2Q3	EA	REF							•	•	B-7	5
PADZZ		TRANSISTOR 2N2222 (81349)	1A4A2Q4	EA	REF							•	•	B-7	5

SECTION II REPAIR PARTS FOR DIRECT SUPPORT, GEUERAL SUPPORT, AND DEPOT MAINTENANCE [Continued)

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION REFERENCE NUMBER & MFR CODE	USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE (a) 1-30	(b) 21-60	(c) 61-100	(7) 30-DAY GS MAINT ALLOWANCE (a) 1-30	(b) 21-60	(c) 61-100	(8) 1 YR ALW PER SHIP CATEGY	(9) DEPOT MAINT ALW PER 100	(10) ILLUSTRATIONS (a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
PADZZ		TRANSISTOR 2N2222 (81349)	1A4A2Q6	EA	REF							*	*	B-7	5
PADZZ		TRANSISTOR 2N2222 (81349)	1A4A2Q7	EA	REF							*	*	B-7	5
PADZZ		TRANSISTOR 2N2222 (81349)	1A4A2Q8	EA	REF							*	*	B-7	5
PADZZ		TRANSISTOR 2N2222 (81349)	1A4A2Q10	EA	REF							*	*	B-7	5
PADZZ		TRANSISTOR 2N2222 (81349)	1A4A2Q11	EA	REF							*	*	B-7	5
PADZZ		TRANSISTOR 2N2222 (81349)	1A4A2Q12	EA	REF							*	*	B-7	5
PADZZ		TRANSISTOR 2N2222 (81349)	1A4A2Q16	EA	REF							*	*	B-7	5
PADZZ		TRANSISTOR 2N2222 (81349)	1A4A2Q17	EA	REF							*	*	B-7	5
PADZZ		TRANSISTOR 2N2222 (81349)	1A4A2Q19	EA	REF							*	*	B-7	5
PADZZ		TRANSISTOR 2N2222 (81349)	1A4A2Q20	EA	REF							*	*	B-7	5
PADZZ		TRANSISTOR 2N2222 (81349)	1A4A2Q21	EA	REF							*	*	B-7	5
PADZZ		TRANSISTOR 2N2222 (81349)	1A4A2Q22	EA	REF							*	*	B-7	5
PADZZ		TRANSISTOR 2N2222 (81349)	1A4A2Q23	EA	REF							*	*	B-7	5
PADZZ		TRANSISTOR 2N2222 (81349)	1A4A2Q24	EA	REF							*	*	B-7	5
PADZZ	5961-814-9532	TRANSISTOR 2N2484 (81349)	1A4A2Q5	EA	4							*	*	B-7	3
PADZZ	5961-814-9532	TRANSISTOR 2N2484 (81349)	1A4A2Q9	EA	REF							*	*	B-7	3
PADZZ	5961-814-9532	TRANSISTOR 2N2484 (81349)	1A4A2Q15	EA	REF							*	*	B-7	3
PADZZ	5961-814-9532	TRANSISTOR 2N2484 (81349)	1A4A2Q18	EA	REF							*	*	B-7	3
PADZZ	5961-925-3777	TRANSISTOR 2N2907 (81349)	1A4A2Q13	EA	3							*	*	B-7	25
PADZZ	5961-925-3777	TRANSISTOR 2N2907 (81349)	1A4A2Q14	EA	REF							*	*	B-7	25
PADZZ	5961-925-3777	TRANSISTOR 2N2907 (81349)	1A4A2Q25	EA	REF							*	*	B-7	25

SECTION H REPAIR PARTS FOR DIRECT SUPPORT, GENERAL SUPPORT, AND DEPOT MAINTENANCE [Continued]

(1) SMR CODE	(2) FEDERAL STOCK NUMBER	(3) DESCRIPTION / REFERENCE NUMBER & MFR CODE	USABLE ON CODE	(4) UNIT OF MEAS	(5) QTY INC IN UNIT	(6) 30-DAY DS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(7) 30-DAY GS MAINT ALLOWANCE (a) 1-20	(b) 21-50	(c) 51-100	(8) 1 YR ALW PER EQUIP CNTGCY	(9) DEPOT MAINT ALW PER 100	(10) ILLUSTRATIONS (a) FIG NO.	(b) ITEM NO. OR REFERENCE DESIGNATION
		GROUP 0440 CIRCUIT CARD,OSCILLATOR SMD743720 1A4A1A1													
PAFDD		CIRCUIT CD,OSCILLATOR SMD743720 (04655)	1A4A1A1	EA	REF	•	•	•	•	•	•	•	•	B-8	
PADZZ		CAPACITOR,FIXED SMC2016153-10 (04655)	1A4A1A1C4	EA	1							•	•	B-8	4
PADZZ		CAPACITOR,FIXED SMC2016153-11 (04655)	1A4A1A1C3	EA	1							•	•	B-8	8
PADZZ	5910-143-0501	CAPACITOR,FIXED,CERAMIC DIEL CKR06BX472MM (81349)	1A4A1A1C1	EA	2							•	•	B-8	7
PADZZ	5910-143-0501	CAPACITOR,FIXED,CERAMIC DIEL CKR06BX472MM (81349)	1A4A1A1C2	EA	REF							•	•	B-8	7
XBDZZ		PRINTED WIRING BOARD SMC743725 (04655)		EA	1										
PADZZ	5905-141-1183	RESISTOR,FIXED,COMPOSITION RCR07G101JS (81349)	1A4A1A1R8	EA	1							•	•	B-8	14
PADZZ	5905-119-8811	RESISTOR,FIXED,COMPOSITION RCR07G151JS (81349)	1A4A1A1R6	EA	1							•	•	B-8	11
PADZZ	5905-121-9920	RESISTOR,FIXED,COMPOSITION RCR07G303JS (81349)	1A4A1A1R5	EA	2							•	•	B-8	12
PADZZ	5905-121-9920	RESISTOR,FIXED,COMPOSITION RCR07G303JS (81349)	1A4A1A1R7	EA	REF							•	•	B-8	12
PADZZ	5905-136-8430	RESISTOR,FIXED,COMPOSITION RCR07G363JS (81349)	1A4A1A1R3	EA	1							•	•	B-8	13
PADZZ	5905-438-0534	RESISTOR,FIXED,FILM RNR60E1002FR (81349)	1A4A1A1R4	EA	1							•	•	B-8	15
PADZZ	5905-152-9417	RESISTOR,FIXED,FILM RNR60H5112FR (81349)	1A4A1A1R1	EA	1							•	•	B-8	9
PADZZ	5905-175-8669	RESISTOR,FIXED,FILM RNR60H5902FR (81349)	1A4A1A1R2	EA	1							•	•	B-8	10
PADZZ	6625-911-0754	RETAINER,TRANSISTOR 7717-44DAP (13103)	1A4A1A1E2	EA	4							•	•	B-8	6
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A4A1A1CR2	EA	2							•	•	B-8	1
PADZZ	5961-938-1135	SEMICONDUCTOR DEVICE,DIODE 1N4148 (81349)	1A4A1A1CR4	EA	REF							•	•	B-8	1
PADZZ		SEMICONDUCTOR DEVICE,DIODE 1N963B (81349)	1A4A1A1CR1	EA	2							•	•	B-8	16
PADZZ		SEMICONDUCTOR DEVICE,DIODE 1N963B (81349)	1A4A1A1CR3	EA	REF							•	•	B-8	16
PADZZ	5950-325-7076	TRANSFORMER,HIGH FREQUENCY 270291 (53021)	1A4A1A1T1	EA	1							•	•	B-8	3
PADZZ	5950-321-8205	TRANSFORMER,LOW FREQUENCY 270290 (53021)	1A4A1A1T2	EA	1							•	•	B-8	2
PADZZ		TRANSISTOR 2N2222 (81349)	1A4A1A1Q1	EA	4							•	•	B-8	5
PADZZ		TRANSISTOR 2N2222 (81349)	1A4A1A1Q2	EA	REF							•	•	B-8	5
PADZZ		TRANSISTOR 2N2222 (81349)	1A4A1A1Q3	EA	REF							•	•	B-8	5
PADZZ		TRANSISTOR 2N2222 (81349)	1A4A1A1Q4	EA	REF							•	•	B-8	5

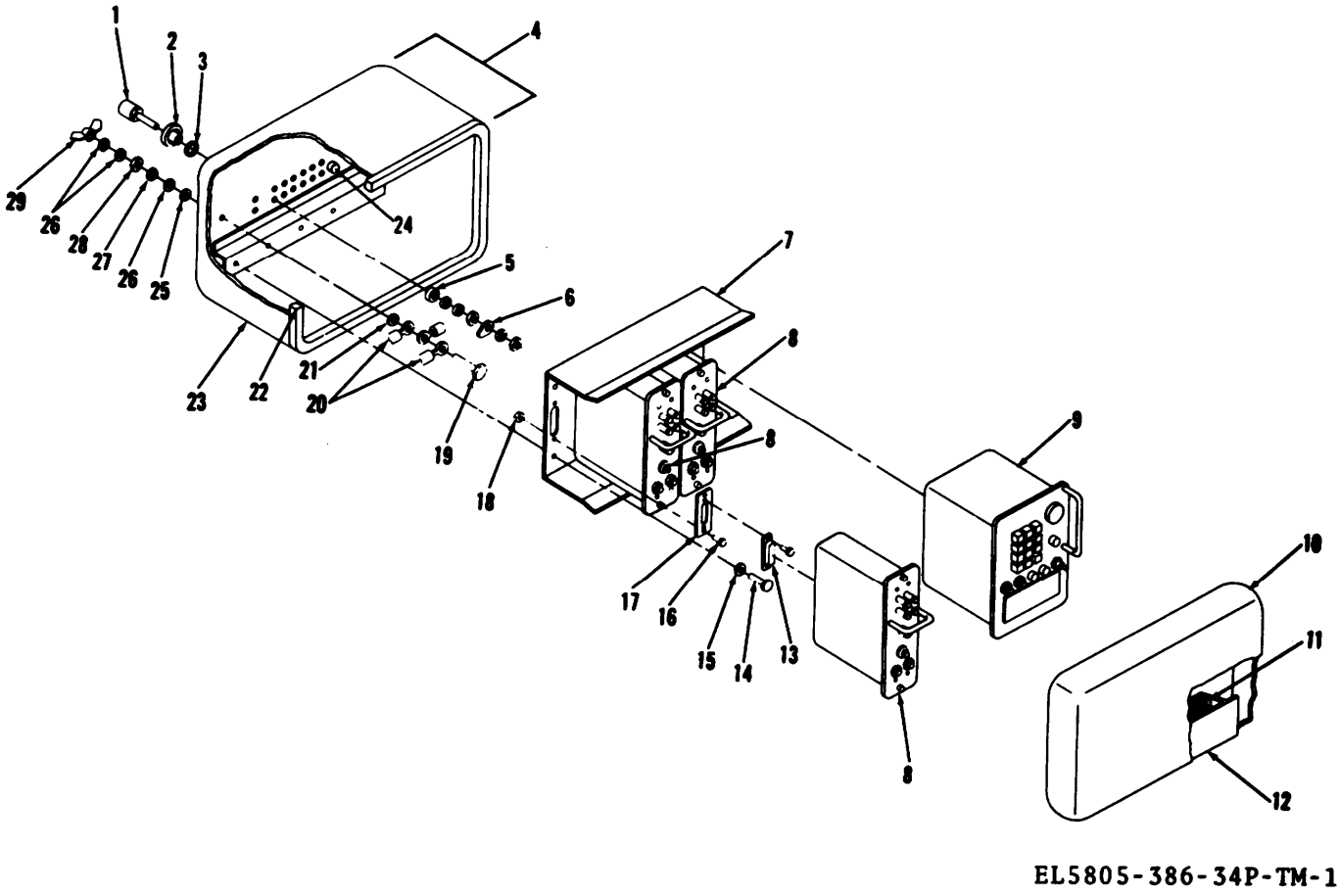


Figure B-1. Converter, Telephone Signal CV-1919A/(3.

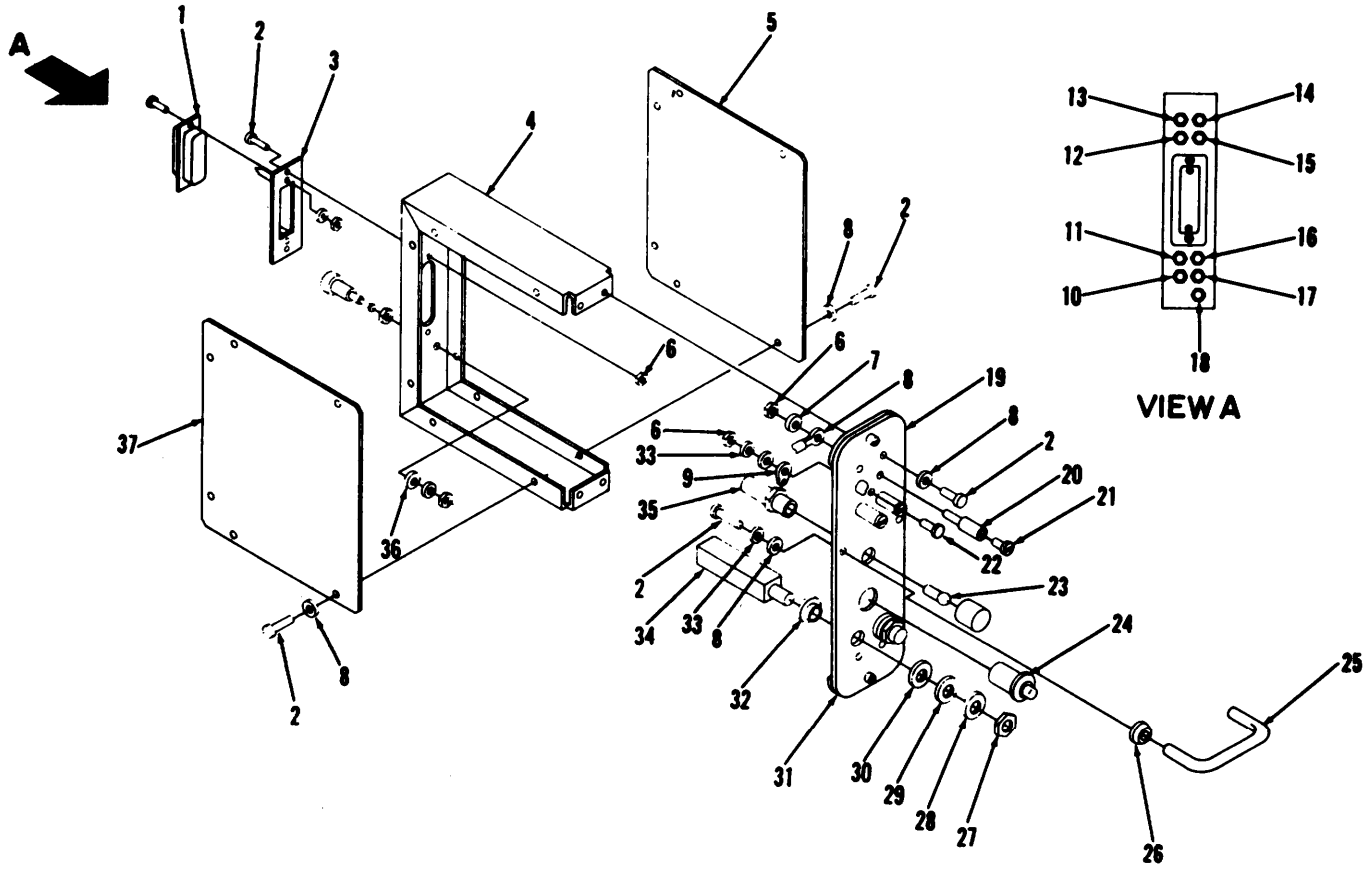


Figure B-2. Channel module assembly 1A1A1 through 1A8A1.

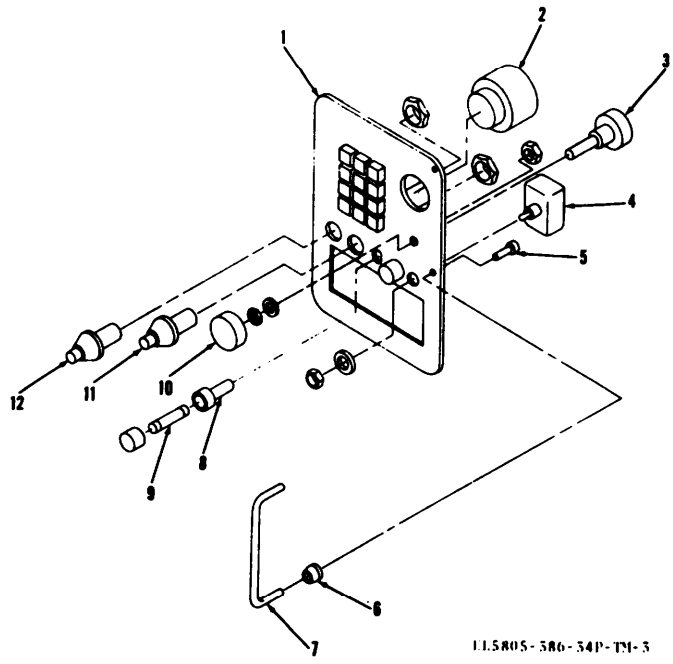


Figure B-3. Panel, common module assembly.

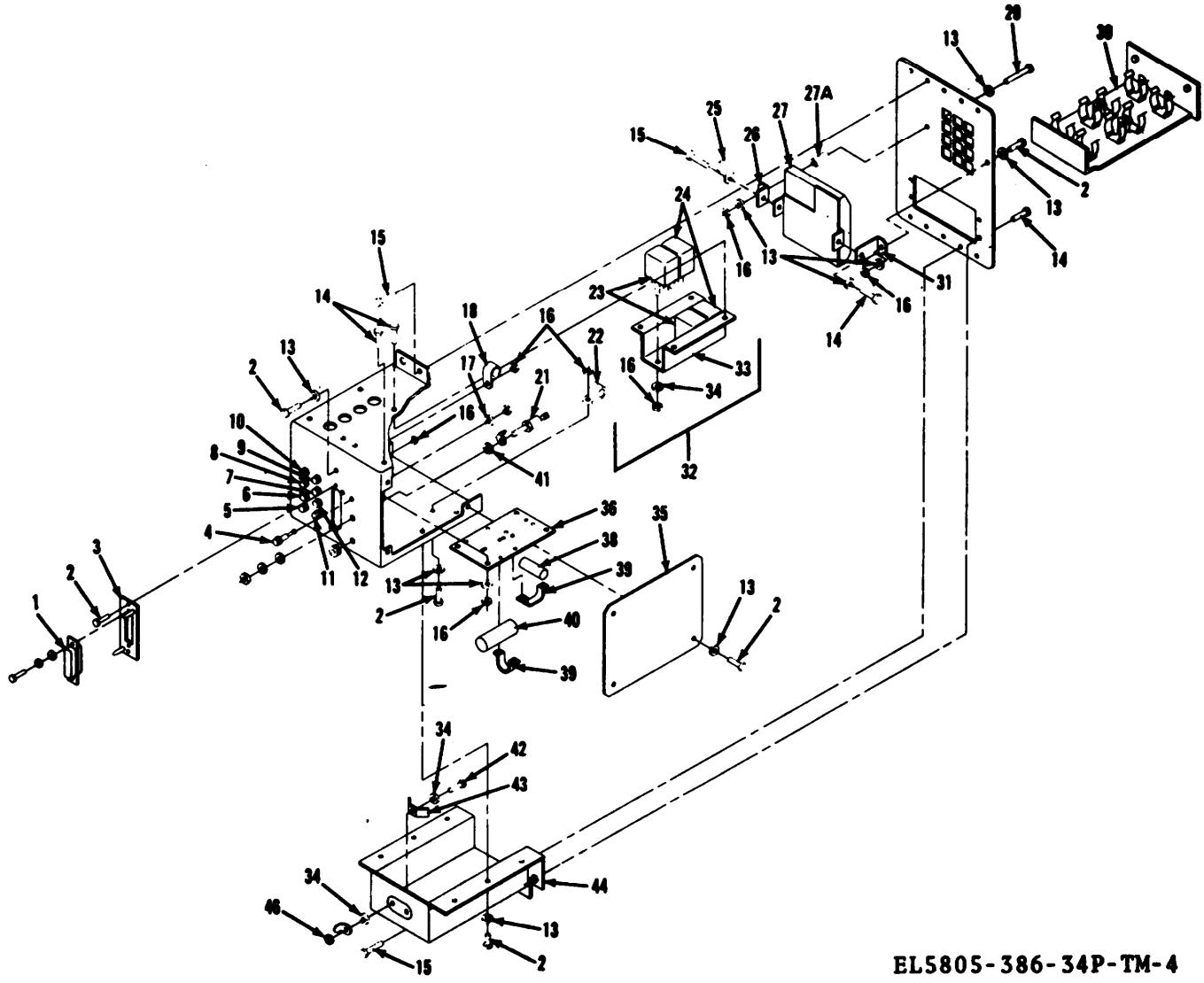


Figure B-4.. Common module aasembly, 1A4.

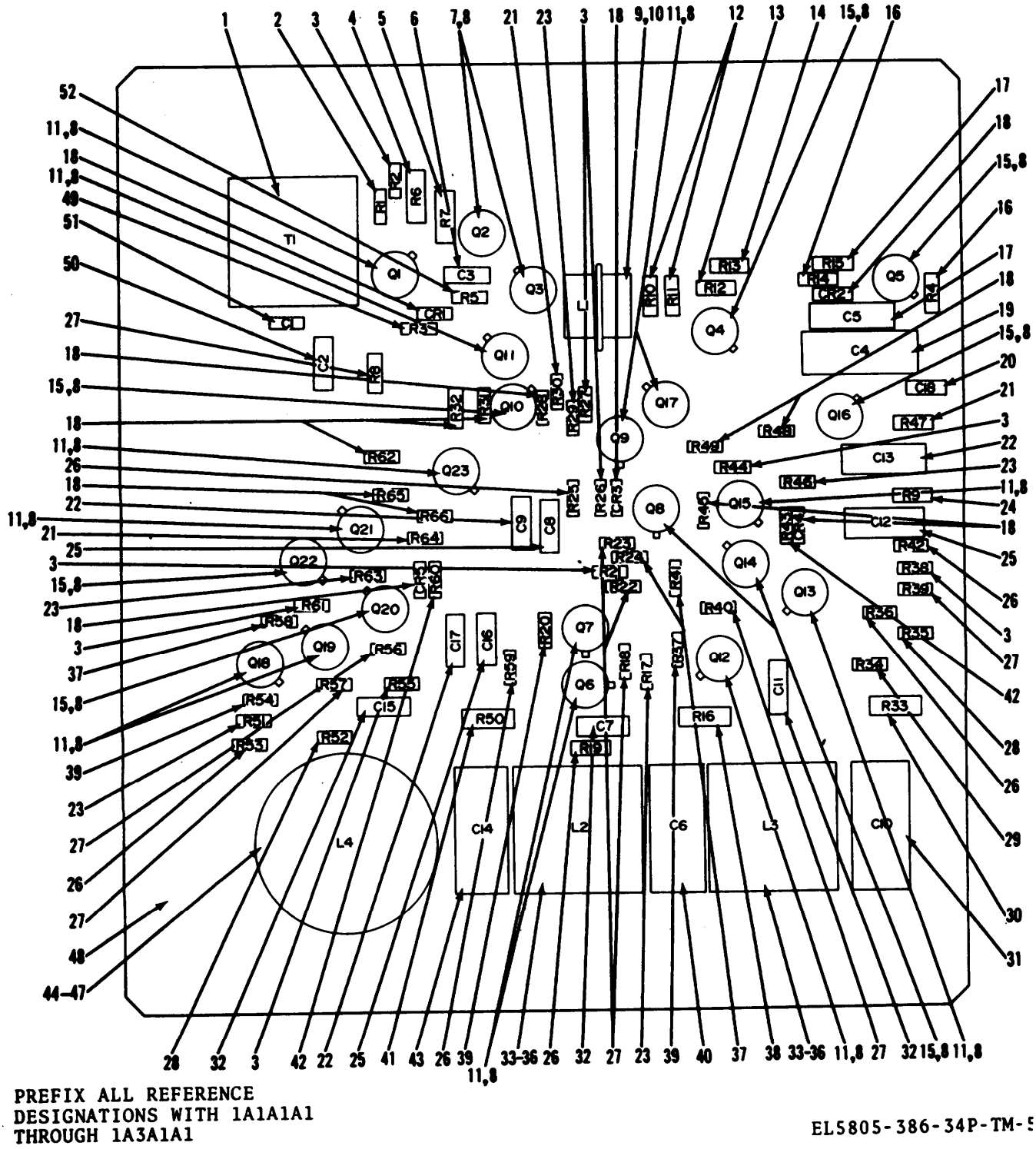


Figure B-5. Circuit card, channel module, analog, 1A1A1A1 through 1A8A1A1, SMD743625.

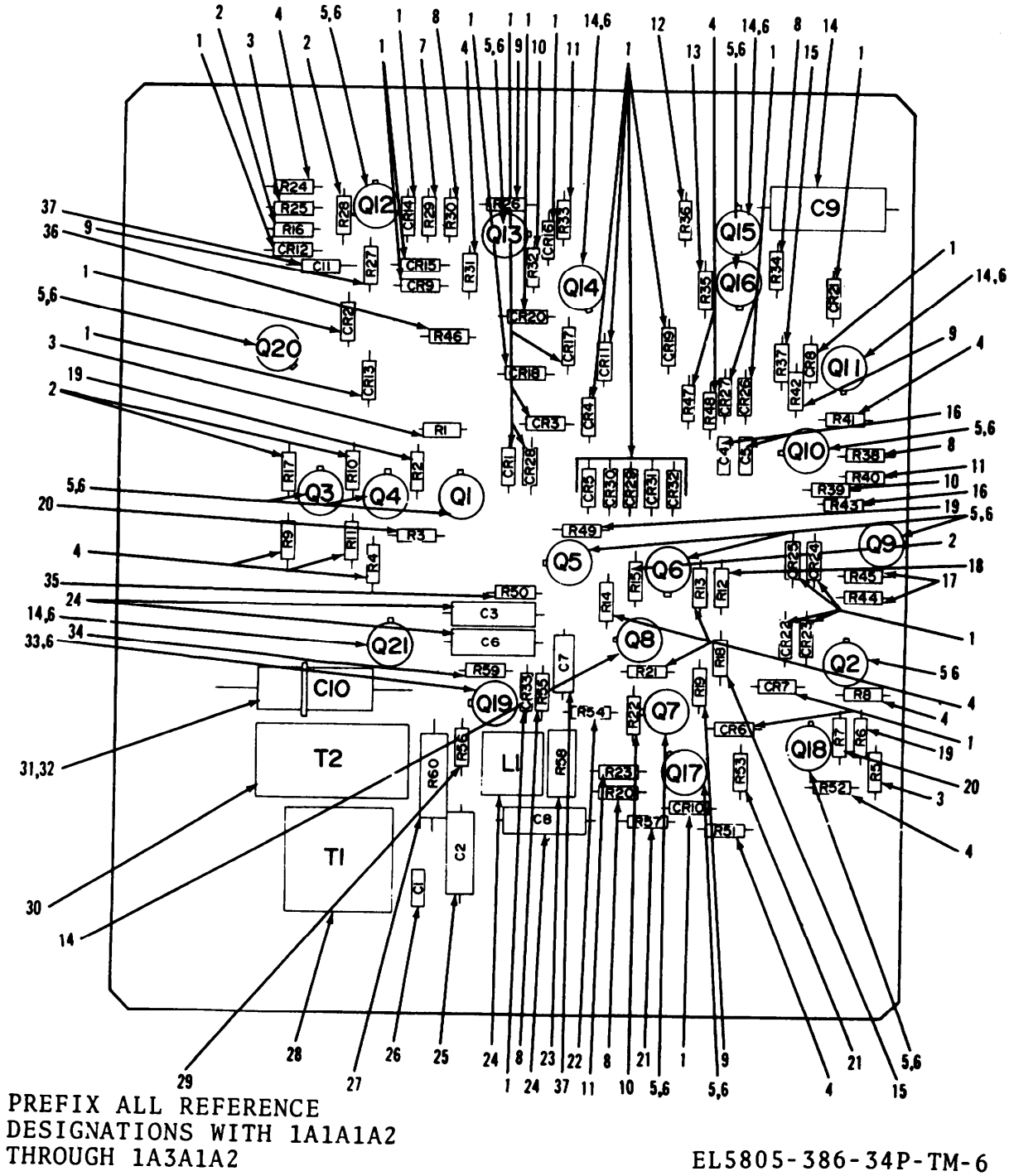


Figure B-6. Circuit card, channel module, logic, 1A1A1A2 through 1A3A1A2, SMD743632.

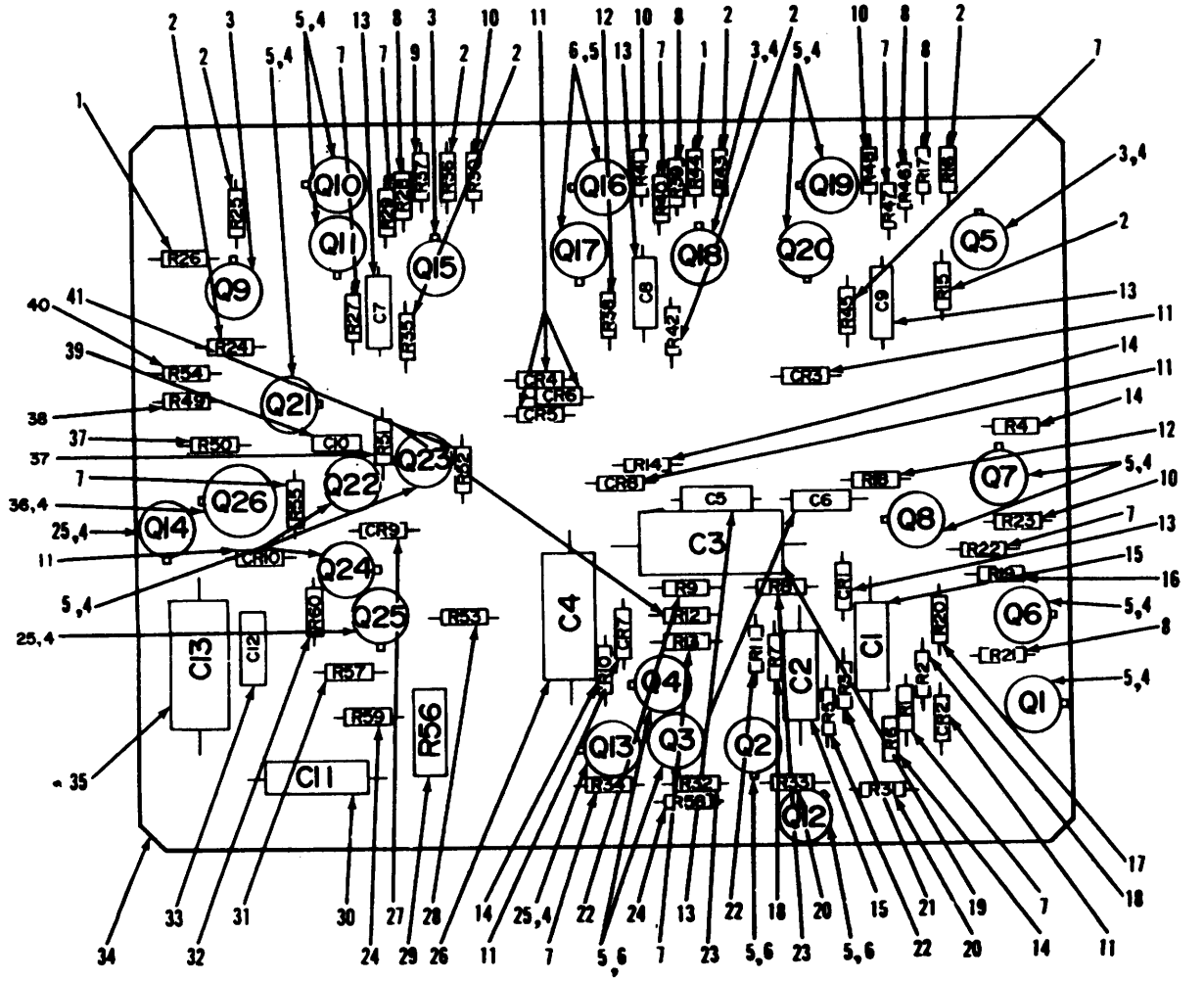
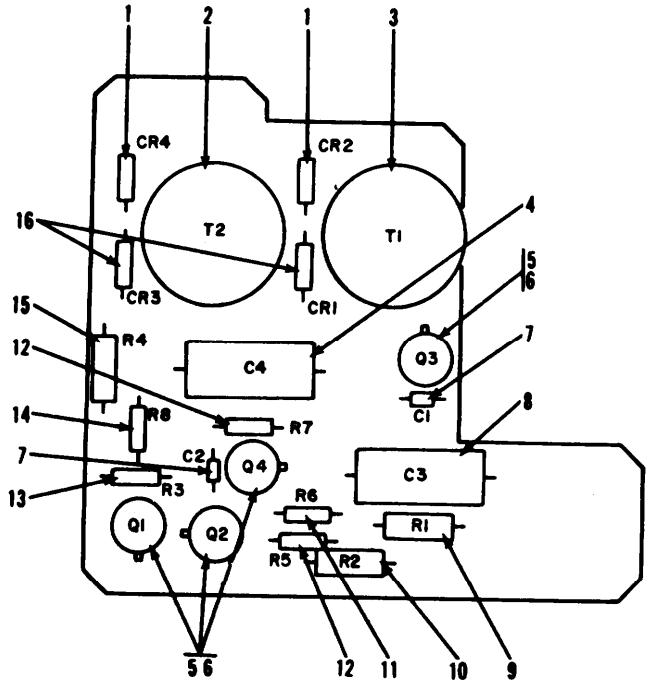


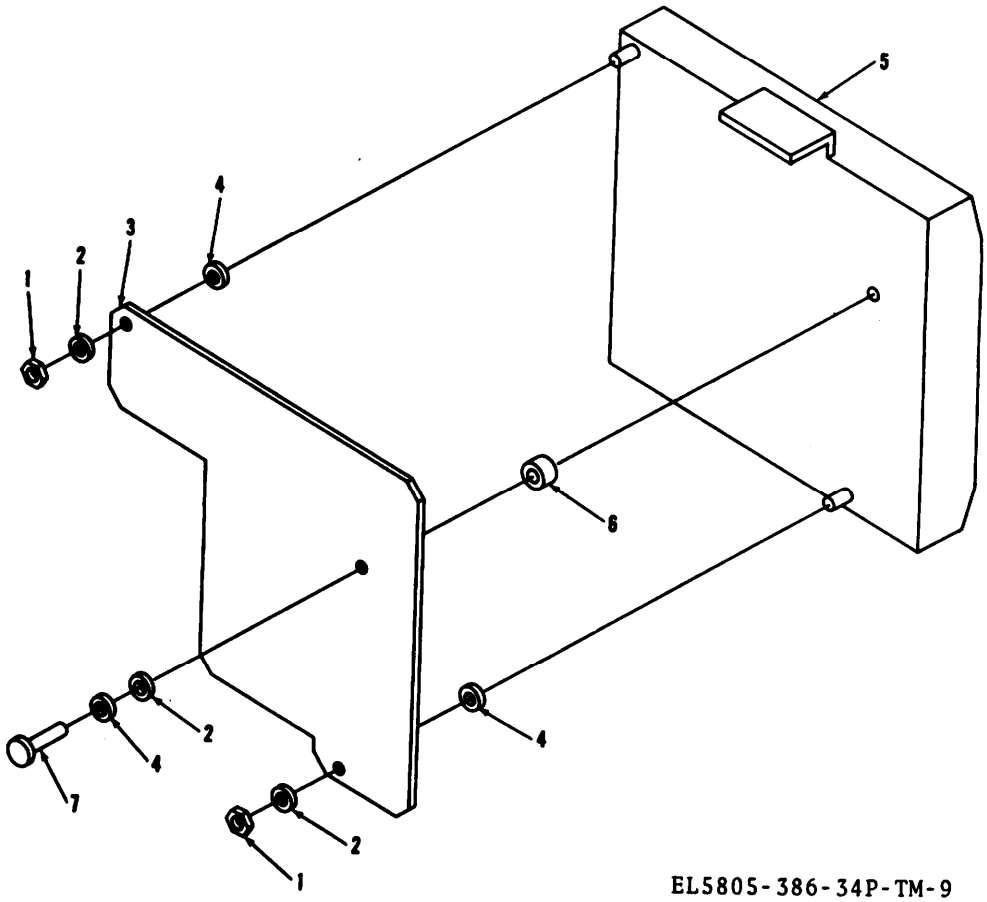
Figure B-7. Circuit card, common module, 1A4A2, SMD743653.



PREFIX ALL REFERENCE DESIGNATIONS WITH 1A4A1A1

EL5805-386-34P-TM-8

Figure B-8. Circuit card, oscillator, 1A4A1A1, SMD743720.



EL5805-386-34P-TM-9

Figure B-9. Keysender and oscillator assembly, 1A4A1.

SECTION III. FEDERAL STOCK NUMBER AND PART NUMBER INDEX

STOCK NUMBER	FIGURE NO.	ITEM NO.
4820-898-3003	B-1	24
5305-054-5648	B-9	7
5305-054-5649	B-4	42
5305-054-6650	B-5	45
5305-054-6654	B-1	16
5305-054-6654	B-2	2
5305-054-6654	B-4	2
5305-054-6657	B-4	29
5305-057-0523	B-4	15
5305-059-3660	B-1	14
5305-719-5064	B-3	5
5305-719-5064	B-4	14
5305-719-5064	B-4	16
5310-054-5697	B-5	34
5310-081-8087	B-1	18
5310-081-8087	B-2	6
5310-081-8087	B-4	16
5310-088-0551	B-4	46
5310-138-9806	B-2	27
5310-178-8631	B-2	7
5310-180-0277	B-2	28
5310-183-4355	B-2	29
5310-225-5328	B-1	15
5310-250-9477	B-1	28
5310-515-7449	B-2	36
5310-515-7449	B-4	17
5310-531-9515	B-1	26
5310-543-2740	B-1	21
5310-550-3715	B-5	36
5310-595-6211	B-4	34
5310-595-6211	B-5	35
5310-616-3555	B-2	33
5310-616-3555	B-5	47
5310-722-5998	B-2	8
5310-722-5998	B-4	13
5310-722-5998	B-4	14
5310-722-5998	B-5	46
5310-782-1349	B-9	2
5310-883-9384	B-4	41
5310-933-8118	B-9	4
5310-933-8121	B-1	27
5310-934-9748	B-9	1
5340-078-3615	B-4	25
5340-419-0840	B-4	18
5340-943-6047	B-4	22
5355-958-9982	B-3	10
5805-007-4081	B-9	5
5805-229-5417	B-1	
5805-322-2122	B-2	21
5905-004-6084	B-6	27
5905-104-8358	B-5	26
5905-104-8358	B-6	20
5905-104-8358	B-7	12
5905-105-7764	B-6	3
5905-106-1278	B-6	13
5905-106-1278	B-7	38
5905-106-3666	B-5	16
5905-106-3666	B-6	2
5905-106-3666	B-7	7
5905-106-9356	B-5	3
5905-106-9356	B-6	18
5905-106-9356	B-7	17
5905-110-0388	B-6	16A
5905-110-0388	B-7	32
5905-110-7620	B-6	19
5905-110-7622	B-5	23
5905-110-7622	B-7	37
5905-111-1679	B-5	42
5905-111-1679	B-6	15
5905-111-1679	B-7	8
5905-111-4845	B-6	21
5905-111-4845	B-7	28
5905-114-0708	B-5	24
5905-114-0708	B-7	18
5905-114-0711	B-5	12
5905-114-0711	B-6	36
5905-114-0711	B-7	23
5905-115-8055	B-7	22A
5905-116-8554	B-6	17
5905-116-8555	B-5	27
5905-116-8556	B-6	11
5905-118-4559	B-7	21
5905-119-3504	B-5	21
5905-119-3504	B-6	12
5905-119-3504	B-7	22
5905-119-8768	B-6	22
5905-119-8811	B-8	11
5905-120-9154	B-5	49
5905-121-9920	B-5	37
5905-121-9920	B-6	8
5905-121-9920	B-7	2
5905-121-9920	B-8	12
5905-121-9932	B-5	17
5905-126-6683	B-5	52
5905-126-6683	B-7	41
5905-126-6696	B-5	16
5905-131-1255	B-5	39
5905-131-9729	B-5	2
5905-131-9729	B-7	9
5905-136-3890	B-7	16 A
5905-136-7103	B-6	35
5905-136-8406	B-7	31
5905-136-8430	B-7	10
5905-136-8430	B-8	13
5905-141-0717	B-5	18
5905-141-0717	B-6	4
5905-141-0717	B-7	14
5905-141-0743	B-5	13

SECTION III. FEDERAL STOCK NUMBER AND PART NUMBER INDEX

STOCK NUMBER	FIGURE NO.	ITEM NO.
5905-141-0743	B-5	13
5905-141-0743	B-7	1
5905-141-0744	B-5	29
5905-141-0744	B-6	9
5905-141-0744	B-7	20
5905-141-1183	B-6	7
5905-141-1183	B-7	24
5905-141-1183	B-8	14
5905-141-1295	B-5	28
5905-146-4480	B-6	23
5905-152-9417	B-8	9
5905-175-8669	B-8	10
5905-228-5506	B-5	14
5905-251-7514	B-7	29
5905-369-6932	B-6	34
5905-435-1718	B-6	29
5905-435-6374	B-6	10
5905-438-0534	B-8	15
5905-451-7520	B-5	5
5905-461-0013	B-5	4
5905-465-7958	B-5	30
5905-471-2261	B-5	38
5905-483-4131	B-5	41
5905-485-4554	B-7	40
5910-010-8718	B-5	20
5910-018-1944	B-5	22
5910-018-1944	B-7	30
5910-027-9907	B-5	25
5910-027-9907	B-7	15
5910-101-2192	B-5	31
5910-107-4338	B-5	40
5910-113-5499	B-5	6
5910-113-5499	B-6	16
5910-114-0144	B-6	31
5910-143-0501	B-7	39
5910-143-0501	B-8	7
5910-833-6756	B-7	19
5910-858-5178	B-6	14
5910-858-5179	B-5	19
5910-926-8219	B-6	25
5910-926-9784	B-7	26
5910-936-1334	B-5	50
5910-936-1334	B-6	37
5910-936-1521	B-7	13
5910-936-3863	B-5	32
5910-936-7393	B-5	17A
5910-936-7393	B-7	33
5910-949-7919	B-4	38
5910-996-0532	B-6	24
5910-996-0668	B-7	35
5920-321-8455	B-3	9
5920-556-0144	B-3	8
5930-655-1513	B-3	4
5935-102-7999	B-2	10
5935-102-7999	B-4	5
5935-410-9250	B-1	13
5935-489-9999	B-2	1
5935-489-9999	B-4	1
5935-702-4199	B-2	14
5935-702-4199	B-4	9
5935-733-6587	B-2	11
5935-733-6587	B-4	6
5935-762-0312	B-2	18
5935-762-0312	B-4	4
5935-764-2135	B-2	13
5935-764-2135	B-4	10
5935-768-4232	B-2	15
5935-768-4232	B-4	7
5935-776-4617	B-2	16
5935-776-4617	B-4	12
5935-813-5874	B-2	12
5935-813-5874	B-4	8
5935-914-6686	B-2	3
5935-914-6686	B-4	3
5935-931-1967	B-2	17
5935-931-1967	B-4	11
5940-272-1477	B-1	1
5940-272-1477	B-1	3
5940-583-7741	B-1	6
5940-683-4339	B-4	20
5950-230-8756	B-6	30
5950-321-8198	B-5	9
5950-321-8198	B-6	24
5950-321-8199	B-5	33
5950-321-8203	B-5	44
5950-321-8204	B-4	23
5950-321-8205	B-8	2
5950-325-7076	B-8	3
5950-325-7644	B-4	24
5950-433-1891	B-5	1
5950-433-1892	B-6	28
5961-814-9532	B-5	7
5961-814-9532	B-7	3
5961-847-5246	B-7	27
5961-879-0412	B-4	21
5961-925-3777	B-5	15
5961-925-3777	B-6	14
5961-925-3777	B-7	25
5961-938-1135	B-5	18
5961-938-1135	B-6	1
5961-938-1135	B-7	11
5961-938-1135	B-8	1
5970-350-4800	B-9	6
5975-441-1605	B-4	39
5975-441-1605	B-5	10
5975-441-1605	B-6	32
6210-553-0879	B-2	35

SECTION III. FEDERAL STOCK NUMBER AND PART NUMBER INDEX

STOCK NUMBER	FIGURE NO.	ITEM NO.
6210-553-0879	B-2	35
6350-071-2492	B-3	2
6625-911-0754	B-5	8
6625-911-0754	B-6	6
6625-911-0754	B-7	4
6625-911-0754	B-8	6

REFERENCE NO.	MFR. CODE	FIGURE NO.	ITEM NO.
AN960C416	88044	B-1	26
AN960C416L	88044	B-2	36
AN960C416L	88044	B-4	17
AN960C616L	88044	B-2	29
CKR05BX102MM	81349	B-5	51
CKR05BX102MM	81349	B-6	26
CKR06BX103MM	81349	B-5	20
CKR06BX104MM	81349	B-5	6
CKR06BX472MM	81349	B-7	39
CKR06BX472MM	81349	B-8	7
CKR06CW104MM	81349	B-6	16
CLR27BM040SGL	81349	B-6	31
CQ09A1PC104J	81349	B-4	38
CQ09A1PC153J1	81349	B-4	40
DB22254	71468	B-1	17
DB22255	71468	B-2	3
DB22255	71468	B-4	3
ET403-1620-7	53021	B-5	44
FHN20G	81349	B-3	8
F03A250V1-4AS	81349	B-3	9
G240SS1032-7	29372	B-2	31
MS15795-803	96906	B-4	34
MS15795-803	96906	B-5	35
MS15795-804	96906	B-9	2
MS15795-805	96906	B-2	8
MS15795-805	96906	B-4	13
MS15795-805	96906	B-4	14
MS15795-805	96906	B-5	46
MS15795-841	96906	B-1	15
MS15795-842	96906	B-4	41
MS21044N04	96906	B-4	46
MS21044N06	96906	B-1	18
MS21044N06	96906	B-2	6
MS21044N06	96906	B-4	16
MS21322-33	96906	B-4	25
MS21322-35	96906	B-4	18
MS21322-37	96906	B-4	22
MS25041-1	96906	B-2	35
MS25082C20	96906	B-2	27
MS35058-21	96906	B-3	4
MS35333-70	96906	B-5	36
MS35333-71	96906	B-2	33
MS35333-71	96906	B-5	47
MS35333-74	96906	B-1	21
MS35333-75	96906	B-2	7
MS35333-76	96906	B-2	28
MS35338-135	96906	B-9	4
MS35338-139	96906	B-1	27
MS35431-7	96906	B-4	20
MS35649-2254	96905	B-1	28
MS35649-244	96906	B-9	1
MS51957-13	96906	B-5	34
MS51957-14	96906	B-9	7
MS51957-15	96906	B-4	42
MS51957-26	96906	B-5	45
MS51957-30	96906	B-1	16
MS51957-30	96906	B-2	2
MS51957-30	96906	B-4	2
MS51957-33	96906	B-4	29
MS51958-27	96906	B-4	15
MS51958-64	96906	B-1	14
MS51959-30	96906	B-3	5
MS51959-30	96906	B-4	14
MS51959-30	96906	B-4	16
MS77068-4	96906	B-1	6
MS91528-2E28	96906	B-3	10
M24308-2-3	81349	B-1	13
M24308-4-3	81349	B-2	1
M24308-4-3	81349	B-4	1
M39003-01-2004	81349	B-6	25
M39003-01-2014	81349	B-7	13
M39003-01-2017	81349	B-5	22
M39003-01-2017	81349	B-7	30
M39003-01-2021	81349	B-6	14
M39003-01-2024	81349	B-7	19
M39003-01-2025	81349	B-7	35
M39003-01-2031	81349	B-6	24
M39003-01-2034	81349	B-7	26
M39003-01-2037	81349	B-5	19
M39003-01-2113	81349	B-5	32
M39003-01-2116	81349	B-5	50
M39003-01-2116	81349	B-6	37
M39003-01-2122	81349	B-5	25
M39003-01-2122	81349	B-7	15
M39003-01-2125	81349	B-5	17A
M39003-01-2125	81349	B-7	33
M39024-10-02	81349	B-2	14
M39024-10-02	81349	B-4	9
M39024-10-03	81349	B-2	18
M39024-10-03	81349	B-4	4

SECTION III. FEDERAL STOCK NUMBER AND PART NUMBER INDEX

REFERENCE NO.	MFR. CODE	FIGURE NO.	ITEM NO.
M39024-10-04	81349	B-2	13
M39024-10-04	81349	B-4	10
M39024-10-05	81349	B-2	11
M39024-10-05	81349	B-4	6
M39024-10-06	81349	B-2	12
M39024-10-06	81349	B-4	8
M39024-10-07	81349	B-2	16
M39024-10-07	81349	B-4	12
M39024-10-08	81349	B-2	15
M39024-10-08	81349	B-4	7
M39024-10-09	81349	B-2	17
M39024-10-09	81349	B-4	11
M39024-10-10	81349	B-2	10
M39024-10-10	81349	B-4	5
RCR07G101JS	81349	B-6	7
RCR07G101JS	81349	B-7	24
RCR07G101JS	81349	B-8	14
RCR07G102JS	81349	B-6	19
RCR07G103JS	81349	B-5	16
RCR07G103JS	81349	B-6	2
RCR07G103JS	81349	B-7	7
RCR07G104JS	81349	B-6	16 A
RCR07G104JS	81349	B-7	32
RCR07G105JS	81349	B-6	17
RCR07G113JS	81349	B-6	34
RCR07G122JS	81349	B-5	39
RCR07G123JS	81349	B-6	13
RCR07G123JS	81349	B-7	38
RCR07G151JS	81349	B-8	11
RCR07G153JS	81349	B-5	27
RCR07G201JS	81349	B-6	21
RCR07G201JS	81349	B-7	28
RCR07G202JS	81349	B-5	24
RCR07G202JS	81349	B-7	18
RCR07G203JS	81349	B-5	3
RCR07G203JS	81349	B-6	18
RCR07G203JS	81349	B-7	17
RCR07G204JS	81349	B-6	35
RCR07G222JS	81349	B-6	3
RCR07G223JS	81349	B-6	11
RCR07G241JS	81349	B-6	29
RCR07G242JS	81349	B-7	31
RCR07G243JS	81349	B-5	28
RCR07G273JS	81349	B-5	21
RCR07G273JS	81349	B-6	12
RCR07G273JS	81349	B-7	22
RCR07G301JS	81349	B-5	16 A
RCR07G302JS	81349	B-5	2
RCR07G302JS	81349	B-7	9
RCR07G303JS	81349	B-5	37
RCR07G303JS	81349	B-6	8
RCR07G303JS	81349	B-7	2
RCR07G303JS	81349	B-8	12
RCR07G332JS	81349	B-5	52
RCR07G332JS	81349	B-7	41
RCR07G333JS	81349	B-7	21
RCR07G363JS	81349	B-7	10
RCR07G363JS	81349	B-8	13
RCR07G391JS	81349	B-5	17
RCR07G392JS	81349	B-5	13
RCR07G392JS	81349	B-7	1
RCR07G393JS	81349	B-7	22A
RCR07G471JS	81349	B-5	49
RCR07G472JS	81349	B-5	12
RCR07G472JS	81349	B-6	36
RCR07G472JS	81349	B-7	23
RCR07G473JS	81349	B-5	18
RCR07G473JS	81349	B-6	4
RCR07G473JS	81349	B-7	14
RCR07G512JS	81349	B-5	42
RCR07G512JS	81349	B-6	15
RCR07G512JS	81349	B-7	8
RCR07G513JS	81349	B-7	16
RCR07G562JS	81349	B-5	29
RCR07G562JS	81349	B-6	9
RCR07G562JS	81349	B-7	20
RCR07G622JS	81349	B-5	14
RCR07G682JS	81349	B-5	23
RCR07G682JS	81349	B-7	37
RCR07G821JS	81349	B-6	22
RCR07G822JS	81349	B-5	26
RCR07G822JS	81349	B-6	20
RCR07G822JS	81349	B-7	12
RCR07G823JS	81349	B-6	10
RCR07G911JS	81349	B-7	40
RNR60H1001FR	81349	B-5	30
RNR60H1002FR	81349	B-8	15
RNR60H1430FR	81349	B-6	27
RNR60H2002FR	81349	B-5	4
RNR60H3242FR	81349	B-5	5
RNR60H4640FR	81349	B-5	41
RNR60H5112FR	81349	B-8	9
RNR60H5902FR	81349	B-8	10
RNR60H9090FR	81349	B-5	38
RTR22D2W102M	81349	B-6	23
RT22C2W203	81349	B-7	29
RV4NBYSD153B	81349	B-3	3
SCC136011	04655	B-1	1
SCC136011-1	04655	B-1	3
SC628P	37942	B-3	2
SMB743649	02697	B-1	19
SMB743743	04655	B-1	2
SMB743744	04655	B-1	5
SMB743746-1	04655	B-4	26
SMB743746-2	04655	B-4	31
SMC2015878	04655	B-5	1

SECTION III. FEDERAL STOCK NUMBER AND PART NUMBER INDEX

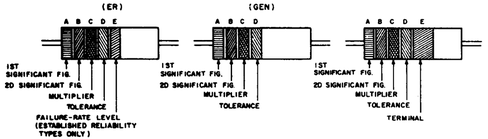
REFERENCE NO.	MFR. CODE	FIGURE NO.	ITEM NO.
SMC2015881	04655	B-6	28
SMC2016153-10	04655	B-8	4
SMC2016153-11	04655	B-8	8
SMC2016154-4	04655	B-5	40
SMC2016154-5	04655	B-5	31
SMC2016154-7	04655	B-5	43
SMC2016160-2	04655	B-5	9
SMC2016160-2	04655	B-6	24
SMC2016162	04655	B-4	23
SMC2016163	04655	B-5	33
SMC743630	04655	B-5	48
SMC743637	04655	B-6	38
SMC743646	04655	B-4	32
SMC743658	04655	B-7	34
SMC743749	04655	B-4	33
SMC743755-1	04655	B-3	11
SMC743755-2	04655	B-3	12
SMC743755-3	04655	B-2	24
SMC743777	04655	B-4	27
SMC743790	04655	B-4	30
SMC743791	04655	B-4	44
SMC743793	04655	B-1	11
SMC743797	04655	B-4	36
SMC743870	04655	B-2	23
SMD2015879	04655	B-6	30
SMD2015983	04655	B-2	21
SMD743615	04655	B-1	
SMD743618	04655	B-1	7
SMD743621	04655	B-1	8
SMD743625	04655	B-2	37
SMD743625	04655	B-5	
SMD743632	04655	B-2	5
SMD743632	04655	B-6	
SMD743644	04655	B-1	9
SMD743653	04655	B-4	35
SMD743653	04655	B-7	
SMD743720	04655	B-8	
SMD743720	04655	B-9	3
SMD743727	04655	B-1	4
SMD743727-2	04655	B-1	10
SMD743727-7	04655	B-1	23
SMD743738	04655	B-2	19
SMD743739	04655	B-2	4
SMD743750	04655	B-3	1
SMD743792	04655	B-1	12
TVC6	62017	B-4	24
ZSP5-5003	98376	B-1	22
ZSP6-037-4	98376	B-1	24
03659-6	70674	B-2	34
07WC040	72962	B-1	29
1N29718	81349	B-4	21
1N4148	81349	B-5	18
1N4148	81349	B-6	1
1N4148	81349	B-7	11
1N4148	81349	B-8	1
1N746A	81349	B-7	27
1N963B	81349	B-8	16
10227A0632-2	06540	B-2	25
10233A0632-2	06540	B-3	7
11378-1	25397	B-9	5
16018A2	06540	B-2	26
16018A2	06540	B-3	6
2N2219	81349	B-7	36
2N2222	81349	B-5	11
2N2222	81349	B-6	5
2N2222	81349	B-7	5
2N2222	81349	B-8	5
2N2484	81349	B-5	7
2N2484	81349	B-7	3
2N2907	81349	B-5	15
2N2907	81349	B-6	14
2N2907	81349	B-7	25
2327PH385	06540	B-2	30
2327PH385-30	06540	B-2	30
270290	53021	B-8	2
270291	53021	B-8	3
2744-50063PH375-30	06540	B-2	32
2829-75-2	98159	B-4	39
2829-75-2	98159	B-5	10
2829-75-2	98159	B-6	32
405B	81590	B-2	20
7500-1-4	04655	B-1	25
7717-44DAP	13103	B-5	8
7717-44DAP	13103	B-6	6
7717-44DAP	13103	B-7	4
7717-44DAP	13103	B-8	6
8880	83330	B-9	6
9228A140-17	06540	B-4	27

SECTION IV. REFERENCE DESIGNATOR TO FIGURE/ITEM NUMBER INDE

REFERENCE DESIGNATION	FIG.	ITEM
1	B-1	
1A1-A3A1	B-1	8
1A1-A3A1A1	B-5	
1A1-A3A1A1	B-2	37
1A1-A3A1A1CR1	B-5	18
1A1-A3A1A1CR2	B-5	18
1A1-A3A1A1CR3	B-5	18
1A1-A3A1A1CR4	B-5	18
1A1-A3A1A1CR5	B-5	18
1A1-A3A1A1C1	B-5	51
1A1-A3A1A1C2	B-5	50
1A1-A3A1A1C3	B-5	6
1A1-A3A1A1C4	B-5	19
1A1-A3A1A1C5	B-5	17A
1A1-A3A1A1C6	B-5	40
1A1-A3A1A1C7	B-5	32
1A1-A3A1A1C8	B-5	25
1A1-A3A1A1C9	B-5	22
1A1-A3A1A1C10	B-5	31
1A1-A3A1A1C11	B-5	32
1A1-A3A1A1C12	B-5	25
1A1-A3A1A1C13	B-5	22
1A1-A3A1A1C14	B-5	43
1A1-A3A1A1C15	B-5	32
1A1-A3A1A1C16	B-5	25
1A1-A3A1A1C17	B-5	22
1A1-A3A1A1C18	B-5	20
1A1-A3A1A1E2	B-5	8
1A1-A3A1A1L1	B-5	9
1A1-A3A1A1L2	B-5	33
1A1-A3A1A1L3	B-5	33
1A1-A3A1A1L4	B-5	44
1A1-A3A1A1Q1	B-5	11
1A1-A3A1A1Q2	B-5	7
1A1-A3A1A1Q3	B-5	7
1A1-A3A1A1Q4	B-5	15
1A1-A3A1A1Q5	B-5	15
1A1-A3A1A1Q6	B-5	11
1A1-A3A1A1Q7	B-5	11
1A1-A3A1A1Q8	B-5	15
1A1-A3A1A1Q9	B-5	11
1A1-A3A1A1Q10	B-5	15
1A1-A3A1A1Q11	B-5	11
1A1-A3A1A1Q12	B-5	11
1A1-A3A1A1Q13	B-5	11
1A1-A3A1A1Q14	B-5	15
1A1-A3A1A1Q15	B-5	11
1A1-A3A1A1Q16	B-5	15
1A1-A3A1A1Q17	B-5	11
1A1-A3A1A1Q18	B-5	11
1A1-A3A1A1Q19	B-5	11
1A1-A3A1A1Q20	B-5	15
1A1-A3A1A1Q21	B-5	11
1A1-A3A1A1Q22	B-5	15
1A1-A3A1A1Q23	B-5	11
1A1-A3A1A1R1	B-5	2
1A1-A3A1A1R2	B-5	3
1A1-A3A1A1R3	B-5	49
1A1-A3A1A1R4	B-5	16
1A1-A3A1A1R5	B-5	52
1A1-A3A1A1R6	B-5	4
1A1-A3A1A1R7	B-5	5
1A1-A3A1A1R8	B-5	27
1A1-A3A1A1R9	B-5	24
1A1-A3A1A1R10	B-5	12
1A1-A3A1A1R11	B-5	12
1A1-A3A1A1R12	B-5	13
1A1-A3A1A1R13	B-5	14
1A1-A3A1A1R14	B-5	16
1A1-A3A1A1R15	B-5	17
1A1-A3A1A1R16	B-5	38
1A1-A3A1A1R17	B-5	23
1A1-A3A1A1R18	B-5	28
1A1-A3A1A1R19	B-5	26
1A1-A3A1A1R20	B-5	39
1A1-A3A1A1R21	B-5	3
1A1-A3A1A1R22	B-5	27
1A1-A3A1A1R23	B-5	27
1A1-A3A1A1R24	B-5	37
1A1-A3A1A1R25	B-5	26
1A1-A3A1A1R26	B-5	3
1A1-A3A1A1R27	B-5	3
1A1-A3A1A1R28	B-5	18
1A1-A3A1A1R29	B-5	23
1A1-A3A1A1R30	B-5	21
1A1-A3A1A1R31	B-5	18
1A1-A3A1A1R32	B-5	18
1A1-A3A1A1R33	B-5	30
1A1-A3A1A1R34	B-5	29
1A1-A3A1A1R35	B-5	28
1A1-A3A1A1R36	B-5	26
1A1-A3A1A1R37	B-5	39
1A1-A3A1A1R38	B-5	3
1A1-A3A1A1R39	B-5	27
1A1-A3A1A1R40	B-5	27
1A1-A3A1A1R41	B-5	37
1A1-A3A1A1R42	B-5	26
1A1-A3A1A1R43	B-5	42
1A1-A3A1A1R44	B-5	3
1A1-A3A1A1R45	B-5	18
1A1-A3A1A1R46	B-5	23
1A1-A3A1A1R47	B-5	21
1A1-A3A1A1R48	B-5	18
1A1-A3A1A1R49	B-5	18
1A1-A3A1A1R50	B-5	41
1A1-A3A1A1R51	B-5	23
1A1-A3A1A1R52	B-5	28
1A1-A3A1A1R53	B-5	26
1A1-A3A1A1R54	B-5	39
1A1-A3A1A1R55	B-5	3
1A1-A3A1A1R56	B-5	27
1A1-A3A1A1R57	B-5	27
1A1-A3A1A1R58	B-5	37
1A1-A3A1A1R59	B-5	26
1A1-A3A1A1R60	B-5	42
1A1-A3A1A1R61	B-5	3
1A1-A3A1A1R62	B-5	18
1A1-A3A1A1R63	B-5	23
1A1-A3A1A1R64	B-5	21
1A1-A3A1A1R65	B-5	18
1A1-A3A1A1R66	B-5	18
1A1-A3A1A1T1	B-5	1
1A1-A3A1A2	B-6	
1A1-A3A1A2	B-2	5
1A1-A3A1A2CR1	B-6	1
1A1-A3A1A2CR2	B-6	1
1A1-A3A1A2CR3	B-6	1
1A1-A3A1A2CR4	B-6	1
1A1-A3A1A2CR5	B-6	1
1A1-A3A1A2CR6	B-6	1
1A1-A3A1A2CR7	B-6	1
1A1-A3A1A2CR8	B-6	1
1A1-A3A1A2CR9	B-6	1
1A1-A3A1A2CR10	B-6	1
1A1-A3A1A2CR11	B-6	1
1A1-A3A1A2CR12	B-6	1
1A1-A3A1A2CR13	B-6	1
1A1-A3A1A2CR14	B-6	1
1A1-A3A1A2CR15	B-6	1
1A1-A3A1A2CR16	B-6	1
1A1-A3A1A2CR17	B-6	1
1A1-A3A1A2CR18	B-6	1
1A1-A3A1A2CR19	B-6	1
1A1-A3A1A2CR20	B-6	1
1A1-A3A1A2CR21	B-6	1
1A1-A3A1A2CR22	B-6	1
1A1-A3A1A2CR23	B-6	1
1A1-A3A1A2CR24	B-6	1
1A1-A3A1A2CR25	B-6	1
1A1-A3A1A2CR26	B-6	1
1A1-A3A1A2CR27	B-6	1
1A1-A3A1A2CR28	B-6	1
1A1-A3A1A2CR29	B-6	1
1A1-A3A1A2CR30	B-6	1
1A1-A3A1A2CR31	B-6	1
1A1-A3A1A2CR32	B-6	1
1A1-A3A1A2CR33	B-6	1
1A1-A3A1A2C1	B-6	26
1A1-A3A1A2C2	B-6	25
1A1-A3A1A2C3	B-6	24
1A1-A3A1A2C4	B-6	16
1A1-A3A1A2C5	B-6	16

SECTION IV. REFERENCE DESIGNATOR TO FIGURE/ ITEM NUMBER INDEX

REFERENCE DESIGNATION	FIG.	ITEM
1A1-A3A1A2C6	B-6	24
1A1-A3A1A2C7	B-6	37
1A1-A3A1A2C8	B-6	24
1A1-A3A1A2C9	B-6	14
1A1-A3A1A2C10	B-6	31
1A1-A3A1A2C11	B-6	37
1A1-A3A1A2E1	B-6	38
1A1-A3A1A2E2	B-6	6
1A1-A3A1A2L1	B-6	24
1A1-A3A1A2Q1	B-6	5
1A1-A3A1A2Q2	B-6	5
1A1-A3A1A2Q3	B-6	5
1A1-A3A1A2Q4	B-6	5
1A1-A3A1A2Q5	B-6	5
1A1-A3A1A2Q6	B-6	5
1A1-A3A1A2Q7	B-6	5
1A1-A3A1A2Q8	B-6	14
1A1-A3A1A2Q9	B-6	5
1A1-A3A1A2Q10	B-6	5
1A1-A3A1A2Q11	B-6	14
1A1-A3A1A2Q12	B-6	5
1A1-A3A1A2Q13	B-6	5
1A1-A3A1A2Q14	B-6	14
1A1-A3A1A2Q15	B-6	14
1A1-A3A1A2Q16	B-6	5
1A1-A3A1A2Q17	B-6	5
1A1-A3A1A2Q18	B-6	5
1A1-A3A1A2Q19	B-6	5
1A1-A3A1A2Q20	B-6	5
1A1-A3A1A2Q21	B-6	14
1A1-A3A1A2R1	B-6	3
1A1-A3A1A2R2	B-6	19
1A1-A3A1A2R3	B-6	20
1A1-A3A1A2R4	B-6	4
1A1-A3A1A2R5	B-6	3
1A1-A3A1A2R6	B-6	19
1A1-A3A1A2R7	B-6	20
1A1-A3A1A2R8	B-6	4
1A1-A3A1A2R9	B-6	4
1A1-A3A1A2R10	B-6	2
1A1-A3A1A2R11	B-6	4
1A1-A3A1A2R12	B-6	18
1A1-A3A1A2R13	B-6	4
1A1-A3A1A2R14	B-6	4
1A1-A3A1A2R15	B-6	2
1A1-A3A1A2R16	B-6	2
1A1-A3A1A2R17	B-6	2
1A1-A3A1A2R18	B-6	15
1A1-A3A1A2R19	B-6	9
1A1-A3A1A2R20	B-6	8
1A1-A3A1A2R21	B-6	4
1A1-A3A1A2R22	B-6	10
1A1-A3A1A2R23	B-6	11
1A1-A3A1A2R24	B-6	4
1A1-A3A1A2R25	B-6	3
1A1-A3A1A2R26	B-6	9
1A1-A3A1A2R27	B-6	9
1A1-A3A1A2R28	B-6	2
1A1-A3A1A2R29	B-6	7
1A1-A3A1A2R30	B-6	8
1A1-A3A1A2R31	B-6	4
1A1-A3A1A2R32	B-6	10
1A1-A3A1A2R33	B-6	11
1A1-A3A1A2R34	B-6	8
1A1-A3A1A2R35	B-6	13
1A1-A3A1A2R36	B-6	12
1A1-A3A1A2R37	B-6	15
1A1-A3A1A2R38	B-6	8
1A1-A3A1A2R39	B-6	10
1A1-A3A1A2R40	B-6	11
1A1-A3A1A2R41	B-6	4
1A1-A3A1A2R42	B-6	9
1A1-A3A1A2R43	B-6	16A
1A1-A3A1A2R44	B-6	17
1A1-A3A1A2R45	B-6	17
1A1-A3A1A2R46	B-6	36
1A1-A3A1A2R47	B-6	4
1A1-A3A1A2R48	B-6	4
1A1-A3A1A2R49	B-6	19
1A1-A3A1A2R50	B-6	35
1A1-A3A1A2R51	B-6	4
1A1-A3A1A2R52	B-6	4
1A1-A3A1A2R53	B-6	21
1A1-A3A1A2R54	B-6	22
1A1-A3A1A2R55	B-6	8
1A1-A3A1A2R56	B-6	29
1A1-A3A1A2R57	B-6	21
1A1-A3A1A2R58	B-6	23
1A1-A3A1A2R59	B-6	34
1A1-A3A1A2R60	B-6	27
1A1-A3A1A2T1	B-6	28
1A1-A3A1A2T2	B-6	30
1A1-A3A1DS1	B-2	23
1A1-A3A1E1	B-2	21
1A1-A3A1E2	B-2	21
1A1-A3A1E3	B-2	21
1A1-A3A1E4	B-2	21
1A1-A3A1GND	B-2	10
1A1-A3A1J1	B-2	34
1A1-A3A1J2	B-2	34
1A1-A3A1P1	B-2	1
1A1-A3A1S1	B-2	24
1A1-A3A1TP1	B-2	14
1A1-A3A1TP2	B-2	18
1A1-A3A1TP3	B-2	13
1A1-A3A1TP4	B-2	11
1A1-A3A1TP5	B-2	12
1A1-A3A1TP6	B-2	16
1A1-A3A1TP7	B-2	15
1A1-A3A1TP8	B-2	17
1A1-A3A1XDS1	B-2	35
1A1-A3A1XE1	B-2	20
1A1-A3A1XE2	B-2	20
1A1-A3A1XE3	B-2	20
1A1-A3A1XE4	B-2	20
1A1XA1	B-1	13
1A2XA1	B-1	13
1A3XA1	B-1	13
1A4	B-1	9
1A4A1	B-4	27
1A4A1A1	B-9	3
1A4A1A1	B-8	
1A4A1A1CR1	B-8	16
1A4A1A1CR2	B-8	1
1A4A1A1CR3	B-8	16
1A4A1A1CR4	B-8	1
1A4A1A1C1	B-8	7
1A4A1A1C2	B-8	7
1A4A1A1C3	B-8	8
1A4A1A1C4	B-8	4
1A4A1A1E2	B-8	6
1A4A1A1Q1	B-8	5
1A4A1A1Q2	B-8	5
1A4A1A1Q3	B-8	5
1A4A1A1Q4	B-8	5
1A4A1A1R1	B-8	9
1A4A1A1R2	B-8	10
1A4A1A1R3	B-8	13
1A4A1A1R4	B-8	15
1A4A1A1R5	B-8	12
1A4A1A1R6	B-8	11
1A4A1A1R7	B-8	12
1A4A1A1R8	B-8	14
1A4A1A1T1	B-8	3
1A4A1A1T2	B-8	2
1A4A1A2	B-9	5
1A4A2	B-4	35
1A4A2	B-7	
1A4A2CR1	B-7	11
1A4A2CR2	B-7	11
1A4A2CR3	B-7	11
1A4A2CR4	B-7	11
1A4A2CR5	B-7	11
1A4A2CR6	B-7	11
1A4A2CR7	B-7	11
1A4A2CR8	B-7	11
1A4A2CR9	B-7	27
1A4A2CR10	B-7	11
1A4A2C1	B-7	15
1A4A2C2	B-7	15
1A4A2C3	B-7	19



COLOR CODE MARKING FOR COMPOSITION TYPE RESISTORS.

COLOR-CODE MARKING FOR FILM-TYPE RESISTORS.

TABLE I
COLOR CODE FOR COMPOSITION TYPE AND FILM TYPE RESISTORS.

BAND A		BAND B		BAND C		BAND D		BAND E		
COLOR	FIRST SIGNIFICANT FIGURE	COLOR	SECOND SIGNIFICANT FIGURE	COLOR	MULTIPLIER	COLOR	RESISTANCE TOLERANCE (PERCENT)	COLOR	FAILURE RATE LEVEL	TERM.
BLACK	0	BLACK	0	BLACK	1			BROWN	M=1.0	
BROWN	1	BROWN	1	BROWN	10			RED	P=0.1	
RED	2	RED	2	RED	100			ORANGE	R=0.01	
ORANGE	3	ORANGE	3	ORANGE	1,000			YELLOW	S=0.001	
YELLOW	4	YELLOW	4	YELLOW	10,000	SILVER	±10 (COMP. TYPE ONLY)	WHITE		SOLDERABLE
GREEN	5	GREEN	5	GREEN	100,000	GOLD	±5			
BLUE	6	BLUE	6	BLUE	1,000,000	RED	±2 (NOT APPLICABLE TO ESTABLISHED RELIABILITY)			
PURPLE (VIOLET)	7	PURPLE (VIOLET)	7							
GRAY	8	GRAY	8	SILVER	0.01					
WHITE	9	WHITE	9	GOLD	0.1					

BAND A — THE FIRST SIGNIFICANT FIGURE OF THE RESISTANCE VALUE (BANDS A THRU D SHALL BE OF EQUAL WIDTH.)

BAND B — THE SECOND SIGNIFICANT FIGURE OF THE RESISTANCE VALUE.

BAND C — THE MULTIPLIER (THE MULTIPLIER IS THE FACTOR BY WHICH THE TWO SIGNIFICANT FIGURES ARE MULTIPLIED TO YIELD THE NOMINAL RESISTANCE VALUE.)

BAND D — THE RESISTANCE TOLERANCE.

BAND E — WHEN USED ON COMPOSITION RESISTORS, BAND E INDICATES ESTABLISHED RELIABILITY FAILURE-RATE LEVEL (PERCENT FAILURE PER 1,000 HOURS) ON FILM RESISTORS, THIS BAND SHALL BE APPROXIMATELY 1-1/2 TIMES THE WIDTH OF OTHER BANDS, AND INDICATES TYPE OF TERMINAL.

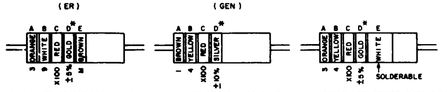
RESISTANCES IDENTIFIED BY NUMBERS AND LETTERS (THESE ARE NOT COLOR CODED)

SOME RESISTORS ARE IDENTIFIED BY THREE OR FOUR DIGIT ALPHA NUMERIC DESIGNATORS. THE LETTER R IS USED IN PLACE OF A DECIMAL POINT WHEN FRACTIONAL VALUES OF AN OHM ARE EXPRESSED. FOR EXAMPLE:

2R7 = 2.7 OHMS 10R0 = 10.0 OHMS

FOR WIRE-WOUND-TYPE RESISTORS COLOR CODING IS NOT USED, IDENTIFICATION MARKING IS SPECIFIED IN EACH OF THE APPLICABLE SPECIFICATIONS.

EXAMPLES OF COLOR CODING



NOMINAL RESISTANCE 3,900 OHMS
RESISTANCE TOLERANCE ±5%
FAILURE RATE LEVEL M

NOMINAL RESISTANCE 1,400 OHMS
RESISTANCE TOLERANCE ±10%

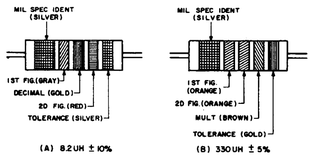
NOMINAL RESISTANCE 3,400 OHMS
RESISTANCE TOLERANCE ±5%
TERMINAL SOLDERABLE

COMPOSITION-TYPE RESISTORS

FILM-TYPE RESISTORS

* IF BAND D IS OMITTED, THE RESISTOR TOLERANCE IS ±20% AND THE RESISTOR IS NOT MIL-STD.

A. COLOR CODE MARKING FOR MILITARY STANDARD RESISTORS.



(A) 8.2UH ± 10%

(B) 330UH ± 5%

COLOR CODING FOR TUBULAR ENCAPSULATED R.F. CHOKES. AT A, AN EXAMPLE OF OF THE CODING FOR AN 8.2UH CHOKE IS GIVEN. AT B, THE COLOR BANDS FOR A 330UH INDUCTOR ARE ILLUSTRATED.

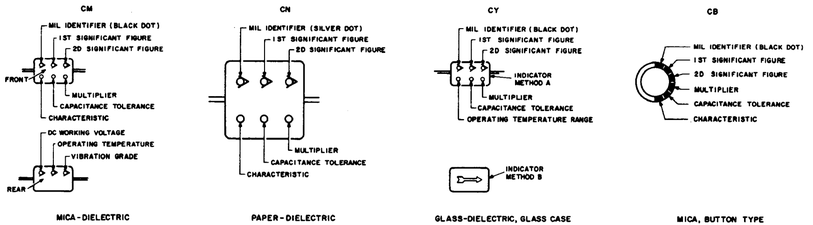
TABLE 2
COLOR CODING FOR TUBULAR ENCAPSULATED R.F. CHOKES.

COLOR	SIGNIFICANT FIGURE	MULTIPLIER	INDUCTANCE TOLERANCE (PERCENT)
BLACK	0	1	
BROWN	1	10	1
RED	2	100	2
ORANGE	3	1,000	3
YELLOW	4		
GREEN	5		
BLUE	6		
VIOLET	7		
GRAY	8		
WHITE	9		
NONE			20
SILVER			10
GOLD	DECIMAL POINT		5

MULTIPLIER IS THE FACTOR BY WHICH THE TWO COLOR FIGURES ARE MULTIPLIED TO OBTAIN THE INDUCTANCE VALUE OF THE CHOKE COIL.

B. COLOR CODE MARKING FOR MILITARY STANDARD INDUCTORS.

CAPACITORS, FIXED, VARIOUS-DIELECTRICS, STYLES CM, CN, CY, AND CB.

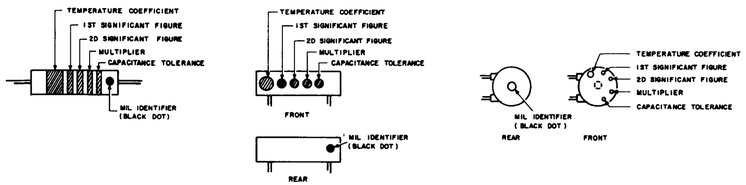


MICA-DIELECTRIC

PAPER-DIELECTRIC

GLASS-DIELECTRIC, GLASS CASE

MICA, BUTTON TYPE



AXIAL LEAD

RADIAL LEAD

DISK-TYPE

C. COLOR CODE MARKING FOR MILITARY STANDARD CAPACITORS.

TABLE 3 — FOR USE WITH STYLES CM, CN, CY AND CB.

COLOR	MIL ID	1ST SIG FIG.	2D SIG FIG.	*MULTIPLIER	CAPACITANCE TOLERANCE			CHARACTERISTIC*			DC WORKING VOLTAGE	OPERATING TEMP. RANGE	VIBRATION GRADE
					CM	CN	CY CB	CM	CN	CB	CM	CY, CN	CM
BLACK	CM, CY, CB	0	0	1			±20% ±20%	A				-55°TO+70°C	10-55HZ
BROWN		1	1	10				B	E	B			
RED		2	2	100	±2%		±2% ±2%	C				-55°TO+85°C	
ORANGE		3	3	1,000		±30%		D		D	300		
YELLOW		4	4	10,000				E				-55°TO+125°C	10-2,000HZ
GREEN		5	5		±5%			F			500		
BLUE		6	6									-55°TO+150°C	
PURPLE (VIOLET)		7	7										
GRAY		8	8										
WHITE		9	9										
GOLD				0.1			±5% ±5%						
SILVER	CN			0.01	±1%	±10%	±10% ±10%						

TABLE 4 — TEMPERATURE COMPENSATING, STYLE CC.

COLOR	TEMPERATURE COEFFICIENT*	1ST SIG FIG.	2D SIG FIG.	MULTIPLIER†	CAPACITANCE TOLERANCE		MIL ID
					CAPACITANCES OVER 10 UUF	CAPACITANCES 10 UUF OR LESS	
BLACK	0	0	0	1		±2.0 UUF	CC
BROWN	-30	1	1	10	±1%		
RED	-80	2	2	100	±2%	±0.25 UUF	
ORANGE	-150	3	3	1,000			
YELLOW	-220	4	4				
GREEN	-330	5	5		±5%	±0.5 UUF	
BLUE	-470	6	6				
PURPLE (VIOLET)	-750	7	7				
GRAY		8	8	0.01‡			
WHITE		9	9	0.1‡	±10%		
GOLD	+100			0.1		±1.0 UUF	
SILVER				0.01			

1. THE MULTIPLIER IS THE NUMBER BY WHICH THE TWO SIGNIFICANT (SIG) FIGURES ARE MULTIPLIED TO OBTAIN THE CAPACITANCE IN UUF.
2. LETTERS INDICATE THE CHARACTERISTICS DESIGNATED IN APPLICABLE SPECIFICATIONS: MIL-C-5, MIL-C-250, MIL-C-11272B, AND MIL-C-10950C RESPECTIVELY.
3. LETTERS INDICATE THE TEMPERATURE RANGE AND VOLTAGE-TEMPERATURE LIMITS DESIGNATED IN MIL-C-11015D.
4. TEMPERATURE COEFFICIENT IN PARTS PER MILLION PER DEGREE CENTIGRADE.
* OPTIONAL CODING WHERE METALLIC PIGMENTS ARE UNDESIRABLE.

ESC-FM 913-72

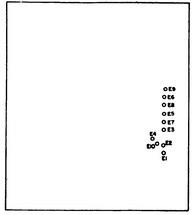
Figure FO-1. Military standard color code marking.

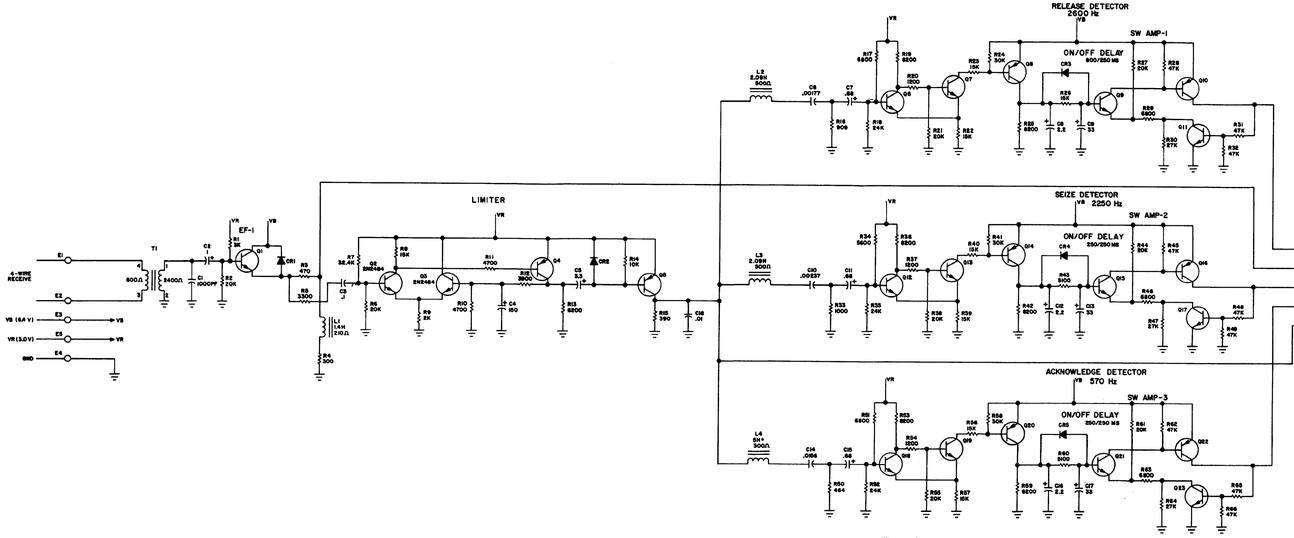
NOTES:

1. UNLESS OTHERWISE SPECIFIED, RESISTANCES ARE IN OHMS, CAPACITANCES ARE IN MICROFARADS, NPN TRANSISTORS ARE 2N6222, PNP TRANSISTORS ARE 2N6907, DIODES ARE 1N4148.
2. REFERENCE DESIGNATIONS ON THE BOARD ASSEMBLY ARE ABBREVIATED. PREFIX THEM WITH 1A3A1A1 THROUGH 1A3A1A4.
3. TRANSISTORS LEAD CONFIGURATION, BOTTOM VIEW.

2N6222
2N6907
2N2484

4. LAST REFERENCE DESIGNATIONS ARE CR5, C18, L4, Q23, R66, AND T1.
5. TERMINAL LOCATIONS:





EL5805-386-34-TM-12

Figure PO-2. Analog printed wiring board, schematic diagram.

NOTES:

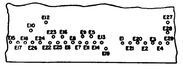
1. UNLESS OTHERWISE SPECIFIED, RESISTANCES ARE IN OHMS, CAPACITANCES ARE IN MICROFARADS. NPN TRANSISTORS ARE 2N3222 . PNP TRANSISTORS ARE 2N3907. DIODES ARE IN4148.

2. REFERENCE DESIGNATIONS ON THE BOARD ASSEMBLY ARE ABBREVIATED. PREFIX THEM WITH 1A1A2 THROUGH 1A3A12.

3. TRANSISTORS LEAD CONFIGURATION, BOTTOM VIEW.

4. LAST REFERENCE DESIGNATIONS ARE CR33, C11, L1, Q20, R60, AND T2.

5. TERMINAL LOCATIONS:



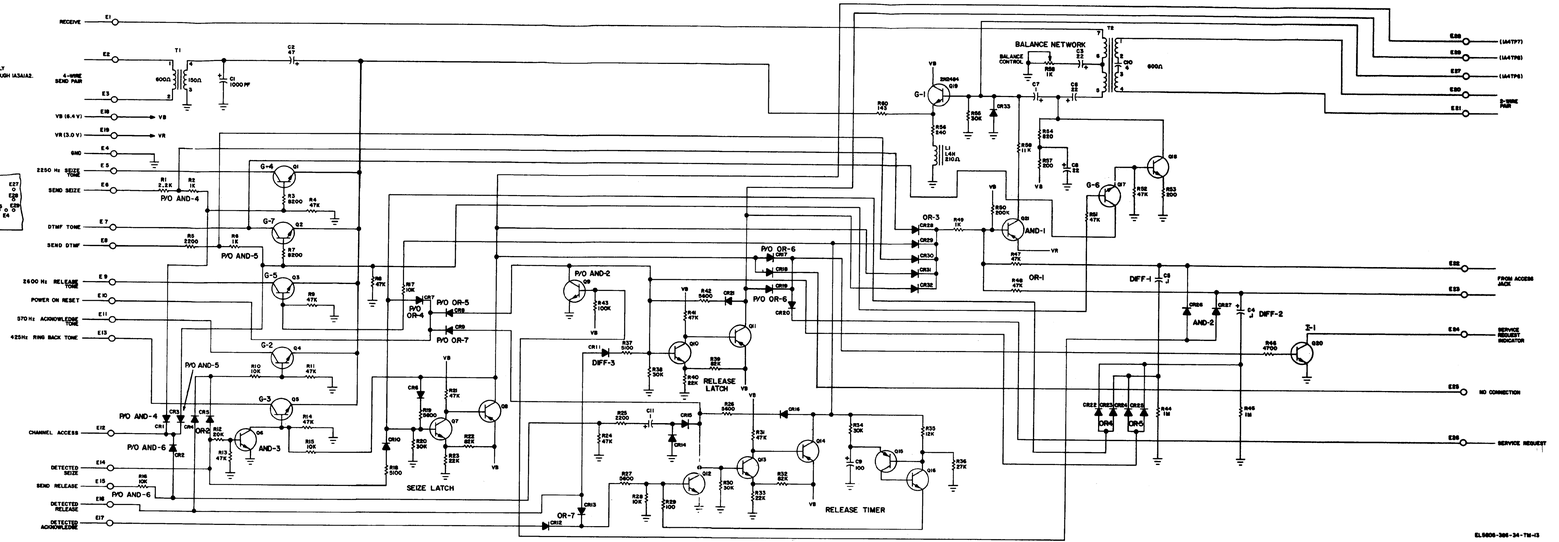
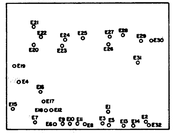


Figure FO-3. Logic printed wiring board, schematic diagram.

NOTES:

1. UNLESS OTHERWISE NOTED, RESISTANCES ARE IN OHMS, CAPACITANCES ARE IN MICROFARADS, NPN TRANSISTORS ARE 2N2222, PNP TRANSISTORS ARE 2N2907, DIODES ARE 1N4148.
2. REFERENCE DESIGNATIONS ON THE BOARD ASSEMBLY ARE ABBREVIATED. PREFIX WITH A4A2.
3. TRANSISTOR LEAD CONFIGURATION, BOTTOM VIEW.
   2N2222
   2N2907
   2N2219
   2N3484
4. LAST REFERENCE DESIGNATIONS ARE CR10, C11, L4 Q28, AND R58
5. TERMINAL LOCATIONS:



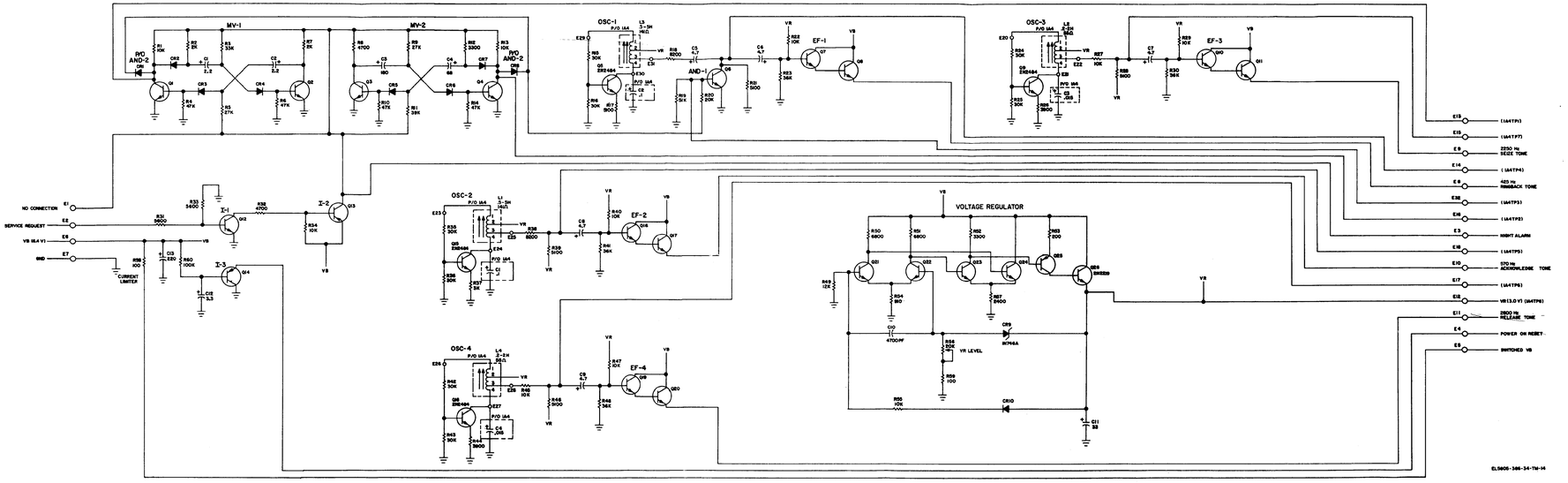


Figure FO-4. Common printed wiring board, schematic diagram.

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NG: None
USAR: None
For explanation of abbreviations used, see AR 310-50.

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