

TECHNICAL MANUAL

**ORGANIZATIONAL, DIRECT SUPPORT, AND GENERAL SUPPORT MAINTENANCE
REPAIR PARTS AND SPECIAL TOOLS LISTS
(INCLUDING DEPOT MAINTENANCE REPAIR PARTS AND SPECIAL TOOLS)
FOR**

**VOLTMETER, ELECTRONIC ME-227/U
(NSN 6625-00-555-2312)**

TECHNICAL MANUAL

NO. 11-6625-610-24P

HEADQUARTERS
DEPARTMENT OF THE ARMY
WASHINGTON, DC, 28 November 1977

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Current as of 2 August 1977

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You can improve this manual by recommending improvements using DA Form 2028-2 (Test) located in the back of the manual. Simply tear out the self-addressed form, fill it out as shown on the sample, fold it where shown, and drop it in the mail.

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*This manual supersedes TM 11-6625-610-25P, 4 June 1969.

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SECTION I INTRODUCTION

1. Scope

This manual lists spares and repair parts; special tools; special test, measurement, and diagnostic equipment (TMDE), and other special support equipment required for performance of organizational, direct support, and general support maintenance of the ME-227/U. It authorizes the requisitioning and issue of spares and repair parts as indicated by the source and maintenance codes.

2. General

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

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

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

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

3. Explanation of Columns

a. Illustration. This column is divided as follows:

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

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

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

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

<i>Code</i>	<i>Definition</i>
PA	Item procured and stocked for anticipated or known usage.
XD	A support item that is not stocked. when required, item will be procured through normal supply channels.

NOTE

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

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

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

<i>Code</i>	<i>Application/Explanation</i>
O	Support item is removed, replaced, used at the organizational level.
H	Support item is removed, replaced, used at the general support level.

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

<i>Code</i>	<i>Application/Explanation</i>
H	The lowest maintenance level capable of complete repair of the support item is the general support level.
Z	Nonreparable. No repair is authorized.

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

<i>Recoverability codes</i>	<i>Definition</i>
Z	Nonreparable item. When unserviceable, condemn and dispose at the level indicated in position 3.
H	Reparable item. When uneconomically reparable, condemn and dispose at the general support level.

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

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

NOTE

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

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

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

g. Unit of Measure (U/M). Indicates the standard of the basic quantity of the listed item as used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., ea, in, pr, etc). When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the required units of measure will be requisitioned.

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

4. Special Information

The following publication pertains to the ME-227/U and its components:
 TM 11-6625-610-15, Voltmeter, Electronic ME-227/U

5. How to Locate Repair Parts

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

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

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

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

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

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

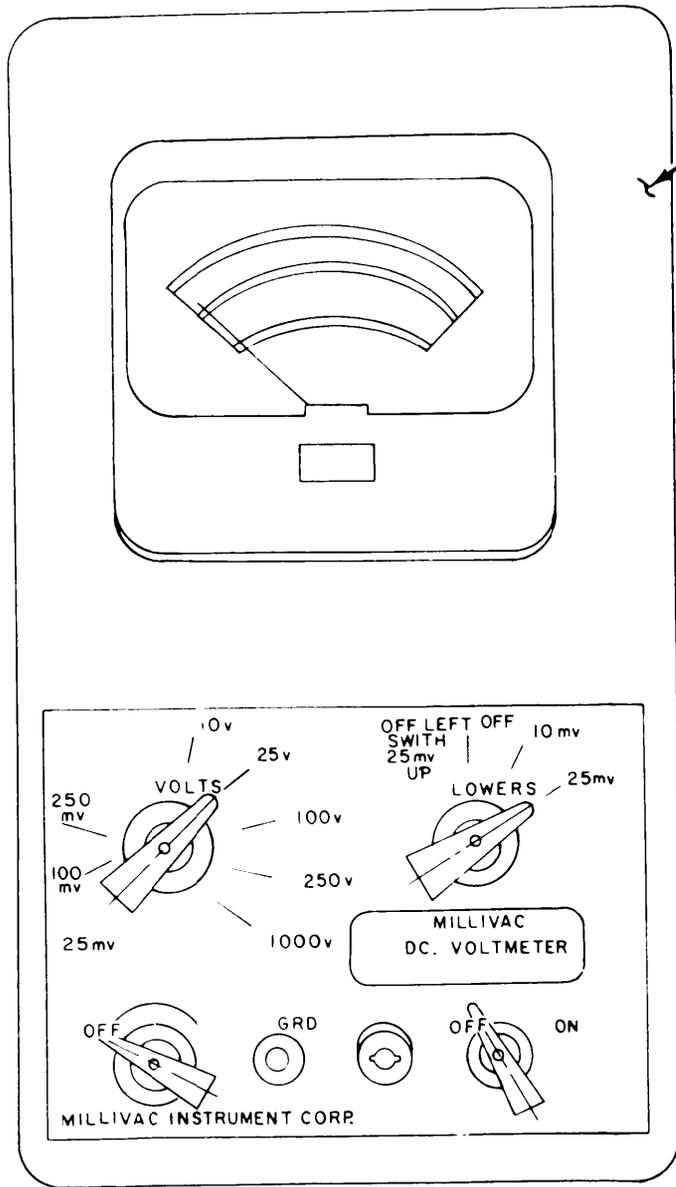
(1) *First.* Using the Index of National Stock Numbers and Part Numbers, find the pertinent National stock number or part number. This index is in NIIN sequence followed by a list of part numbers in alphabetic sequence, cross-referenced to the illustration figure number and item number.

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

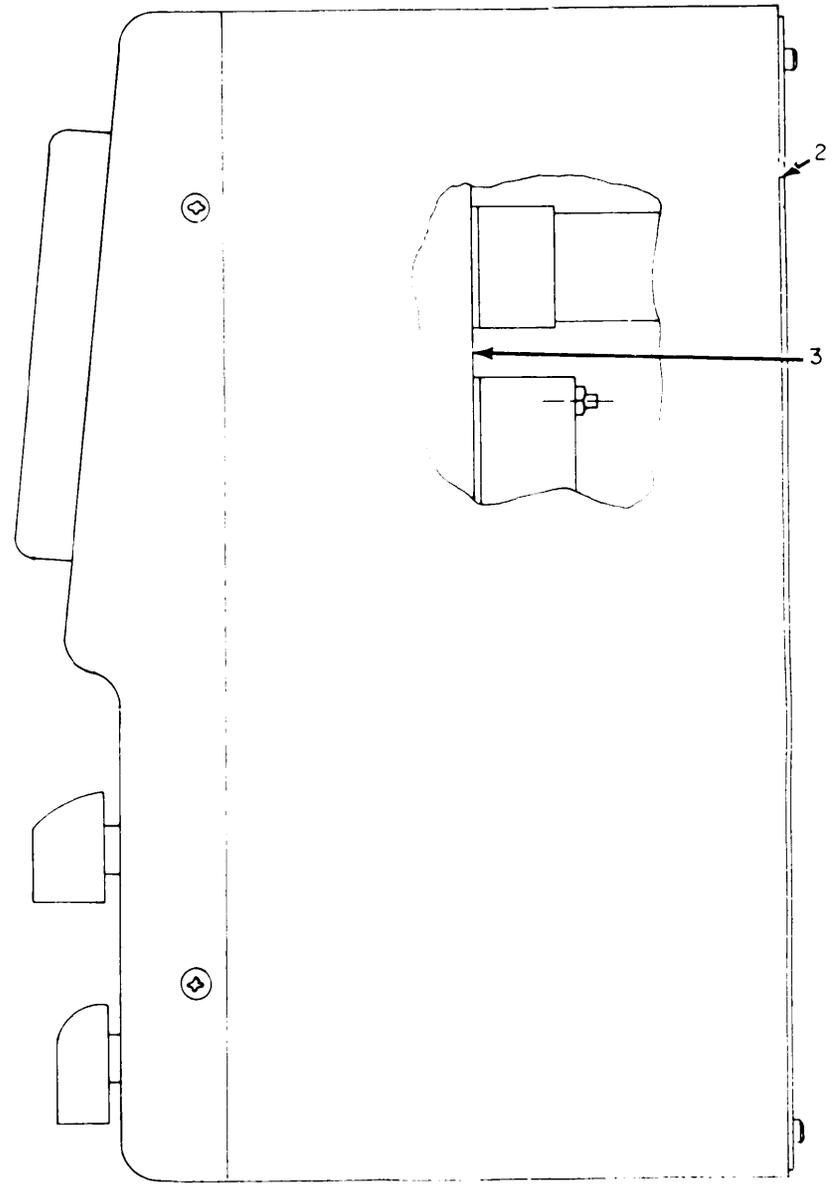
6. Abbreviations

Not applicable.

(Next printed page is 4.)



FRONT VIEW



LEFT SIDE VIEW

ELOWI001

Figure 1. Voltmeter, Electronic ME-227/U.

SECTION II

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION							
(A)	(B)	NATIONAL			DESCRIPTION		QTY
FIG	ITEM	STOCK	PART				INC
NO.	NO.	NUMBER	NUMBER	FSCM		USABLE ON CODE	U/M
							UNIT
GROUP 00 VOLTMETER, ELECTRONIC ME-227/U							
1	1	XDHHH	6002	85711	PANEL ASSEMBLY		EA 1
1	2	XDHHH	6001	85711	HOUSING ASSEMBLY		EA 1
1	3	XDHHH	6003	85711	AMPLIFIER ASSEMBLY		EA 1

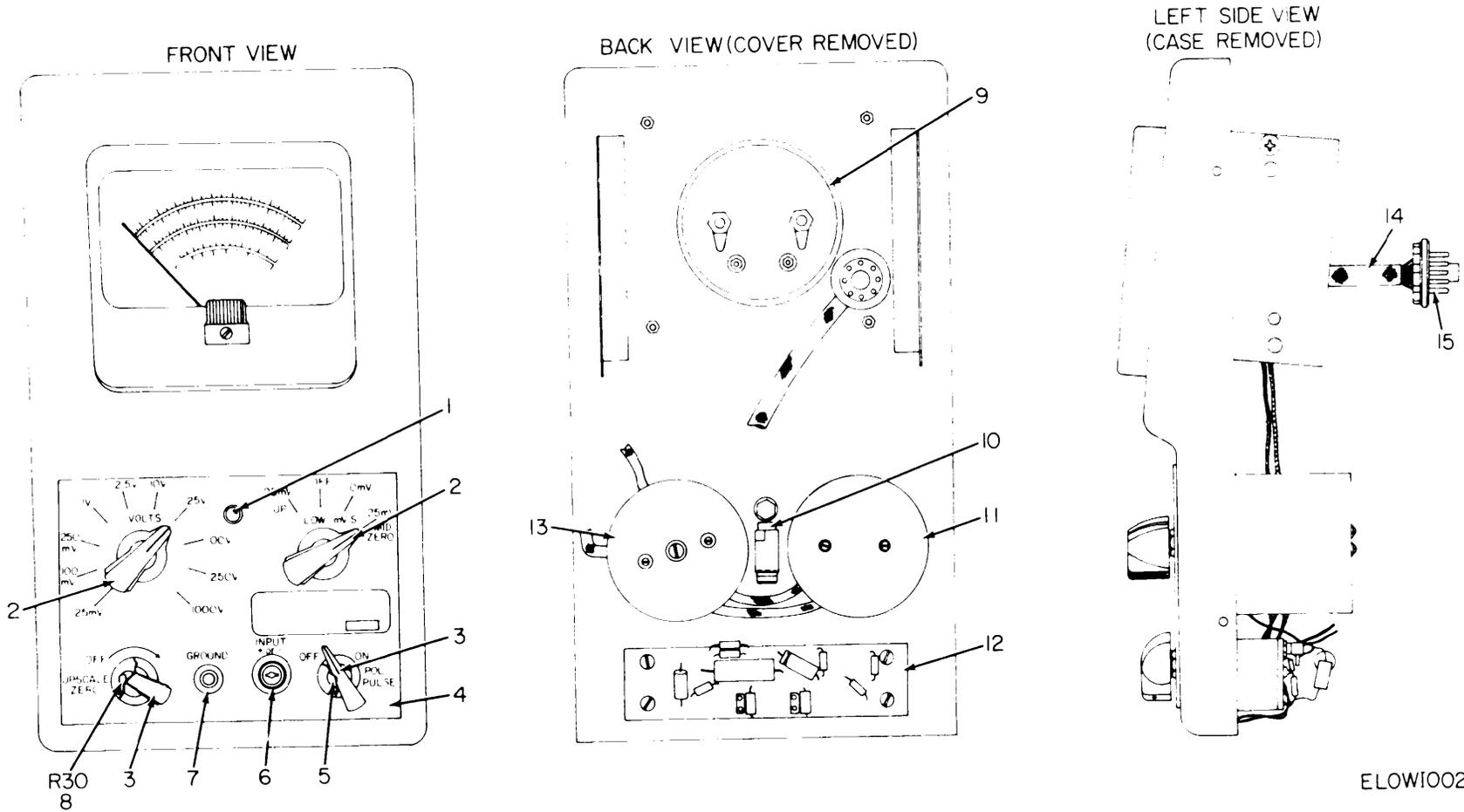


Figure 2. Voltmeter, Electronic ME-227/U, Panel Assembly.

ELOWI002

SECTION II

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION								
(A)	(B)	NATIONAL			DESCRIPTION		QTY	
FIG	ITEM	STOCK	PART				INC	
NO.	NO.	NUMBER	NUMBER	FSCM		USABLE ON CODE	IN	
							UNIT	
2	1	PAHZZ	6210-00-825-8599	755-621	06151	LIGHT, INDICATOR	EA	1
2	2	PADZZ	5355-00-160-5910	K-3926	81349	KNOB	EA	2
2	3	PADZZ	5355-00-341-2477	2300A	72512	KNOB	EA	2
2	4	XDHZZ		5010	85711	NAME PLATE	EA	1
2	5	PAHZZ	5930-00-327-8515	1561BS	04009	SWITCH, ROTARY	EA	1
2	6	PAHZZ	5935-00-197-9264	80C	02660	CONNECTOR, RECEPTACLE, ELECTRICAL	EA	1
2	7	PAHZZ	5940-00-666-3885	220	83330	POST, BINDING	EA	1
2	8	XDHZZ		RV3BTRE305B	81349	RESISTOR, VARIABLE	EA	1
2	9	PAHZZ	6625-00-689-6878	165	06555	VOLTMETER	EA	1
2	10	PADZZ	6240-00-223-9100	NE51	95412	LAMP, GLOW	EA	1
2	11	PAHZZ	6625-00-014-0382	5012	85711	ELECTRICAL METER SUBASSEMBLY	EA	1
2	12	XDHHH		5015	85711	TERMINAL BOARD ASSEMBLY	EA	1
2	13	PAHZZ	6625-00-014-0384	5013	85711	ELECTRICAL METER SUBASSEMBLY	EA	1
2	14	XDHHH		5022	85711	CABLE ASSEMBLY	EA	1
2	15	XDHZZ		86CP8	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1

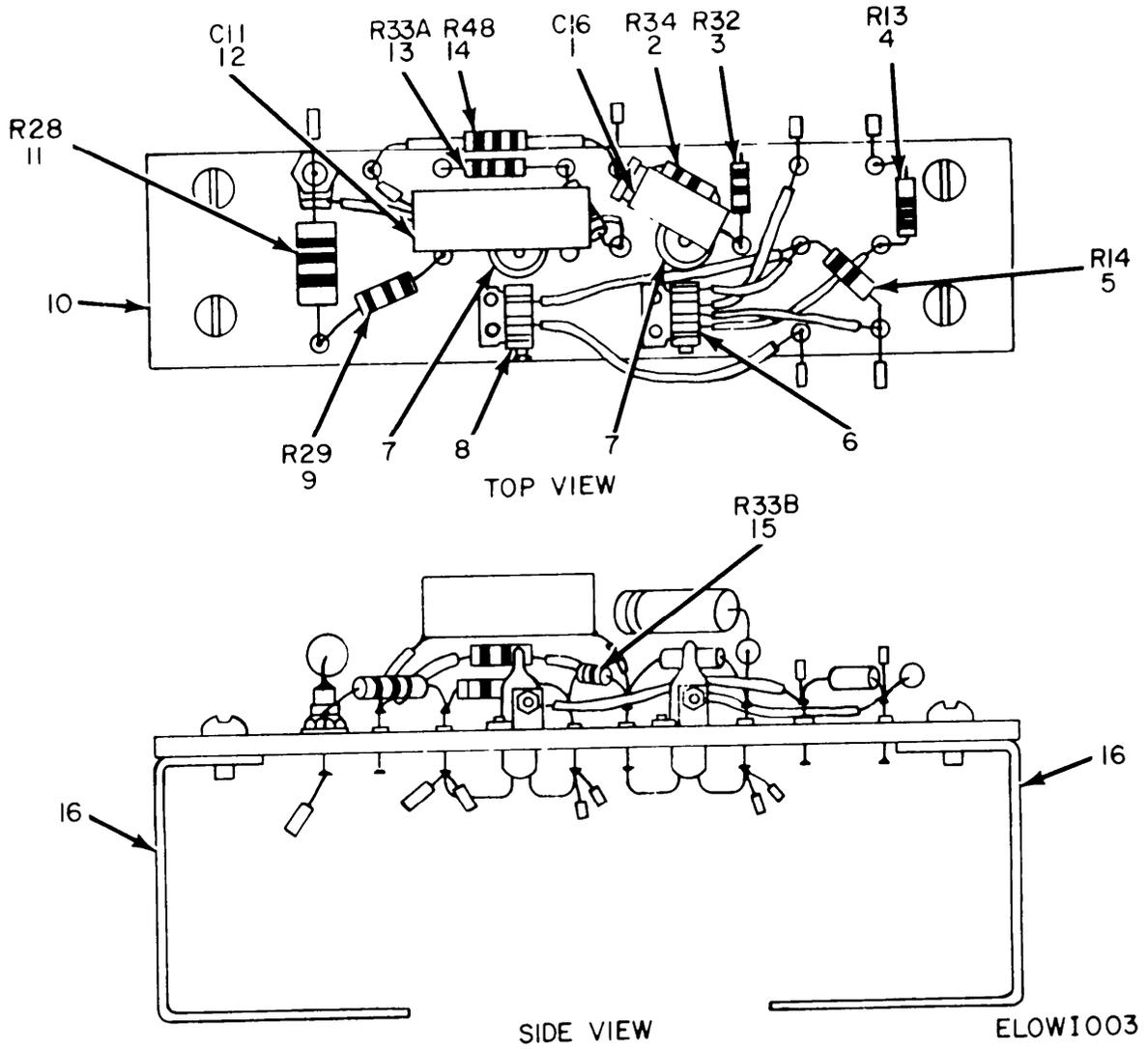
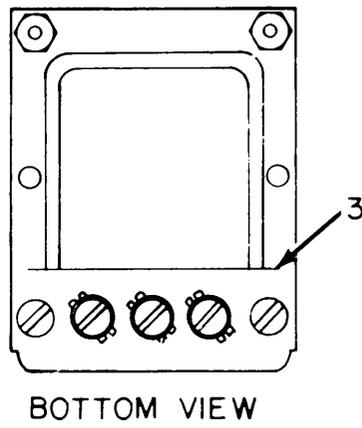
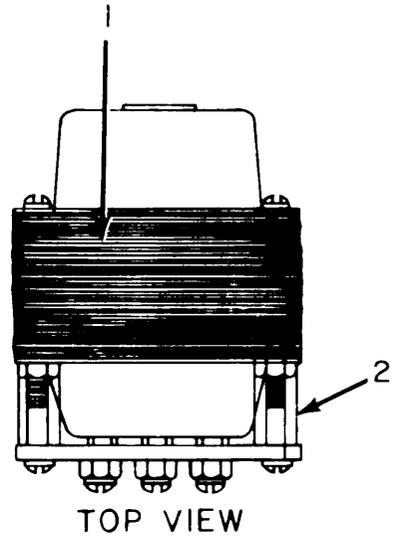


Figure 3. Voltmeter, Electronic ME-227/U, Terminal Board Assembly.

SECTION II

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION							
(A)	(B)						QTY
FIG	ITEM	SMR	NATIONAL	PART	DESCRIPTION		INC
NO.	NO.	CODE	STOCK	NUMBER	FSCM	USABLE ON CODE	IN
			NUMBER	NUMBER			UNIT
3	1	PAHZZ	5910-00-865-9535	TE-1102	80183	CAPACITOR, FIXED, ELECTROLYTIC	EA 1
3	2	PAHZZ	5905-00-279-1894	RC20GF820J	81349	RESISTOR, FIXED, COMPOSITION	EA 1
3	3	PAHZZ	5905-00-185-6946	RC20GF474K	81349	RESISTOR, FIXED, COMPOSITION	EA 1
3	4	PAHZZ	5905-00-190-8876	RC20GF153K	81349	RESISTOR, FIXED, COMPOSITION	EA 1
3	5	PAHZZ	5905-00-249-4195	RC20GF752J	81349	RESISTOR, FIXED, COMPOSITION	EA 1
3	6	PAHZZ	6130-00-553-1894	CX2E1H199	73506	RECTIFIER, METALLIC	EA 1
3	7	PAOZZ	6240-00-577-8456	NE2E	08108	LAMP, GLOW	EA 2
3	8	PAHZZ	6130-00-553-1895	CX2E4F183	73506	RECTIFIER, METALLIC	EA 1
3	9	PAHZZ	5905-00-171-2003	RC20GF204J	81349	RESISTOR, FIXED, COMPOSITION	EA 1
3	10	XDHZZ		4040	85711	TERMINAL BOARD	EA 1
3	11	PAHZZ	5905-00-190-8874	RC20GF125J	81349	RESISTOR, FIXED, COMPOSITION	EA 1
3	12	PAHZZ	5910-00-667-4958	6TMP1	80183	CAPACITOR, FIXED, PAPER DIELECTRIC	EA 1
3	13	PAHZZ	5905-00-279-2503	RC20GF186J	81349	RESISTOR, FIXED, COMPOSITION	EA 1
3	14	PAHZZ	5905-00-192-3978	RC20GF303J	81349	RESISTOR, FIXED, COMPOSITION	EA 1
3	15	PAHZZ	5905-00-246-9396	RCR20G226JS	81349	RESISTOR, FIXED, COMPOSITION	EA 1
3	16	XDHZZ		4046	85711	BRACKET	EA 2



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Figure 4. Voltmeter, Electronic ME-227/U, Transformer Assembly.

SECTION II

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION					DESCRIPTION		QTY	
(A)	(B)	NATIONAL					INC	
FIG	ITEM	SMR	STOCK	PART			IN	
NO.	NO.	CODE	NUMBER	NUMBER	FSCM	USABLE ON CODE	U/M	
							UNIT	
4	1	XDHZZ		PM8406	97965	TRANSFORMER, POWER, STEP-DOWN AND STEP-UP	EA	1
4	2	XDHZZ		167	73749	SUPPORT	EA	2
4	3	XDHZZ		35-551	73734	TERMINAL BOARD	EA	1

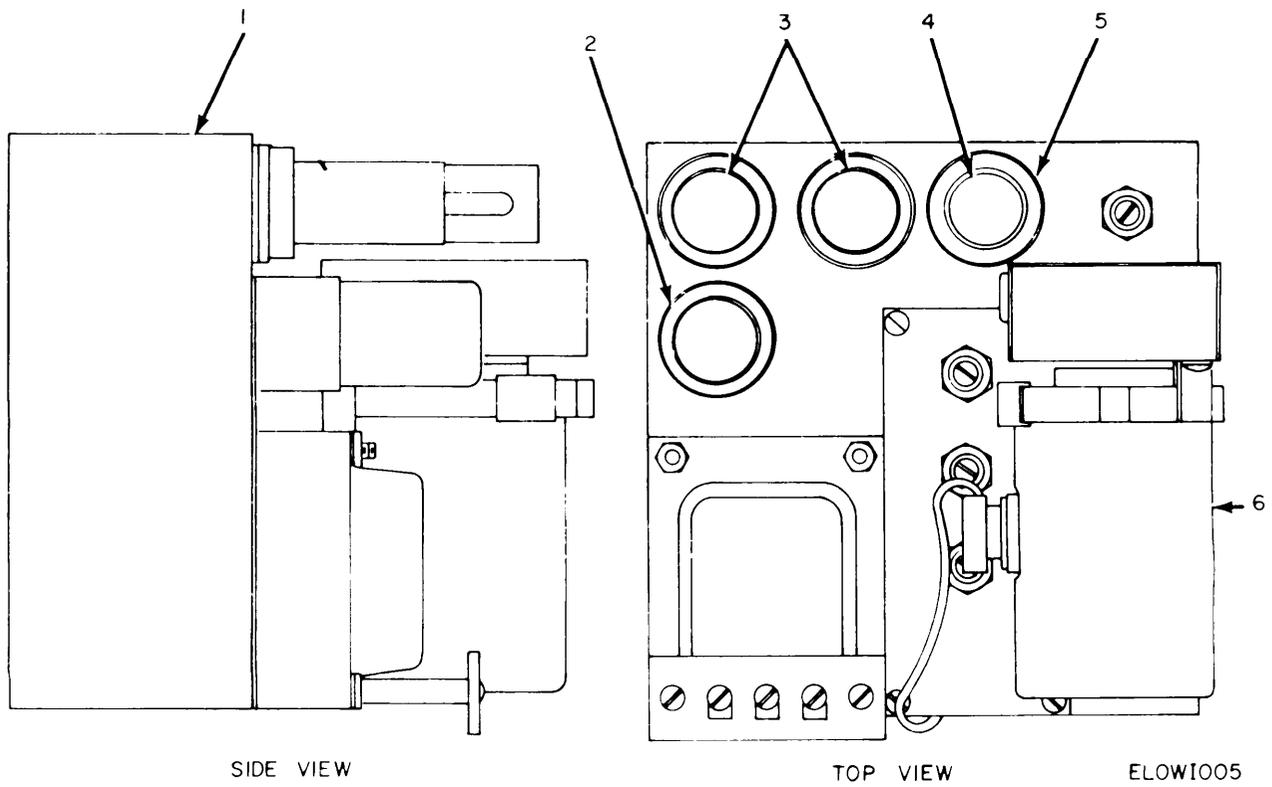
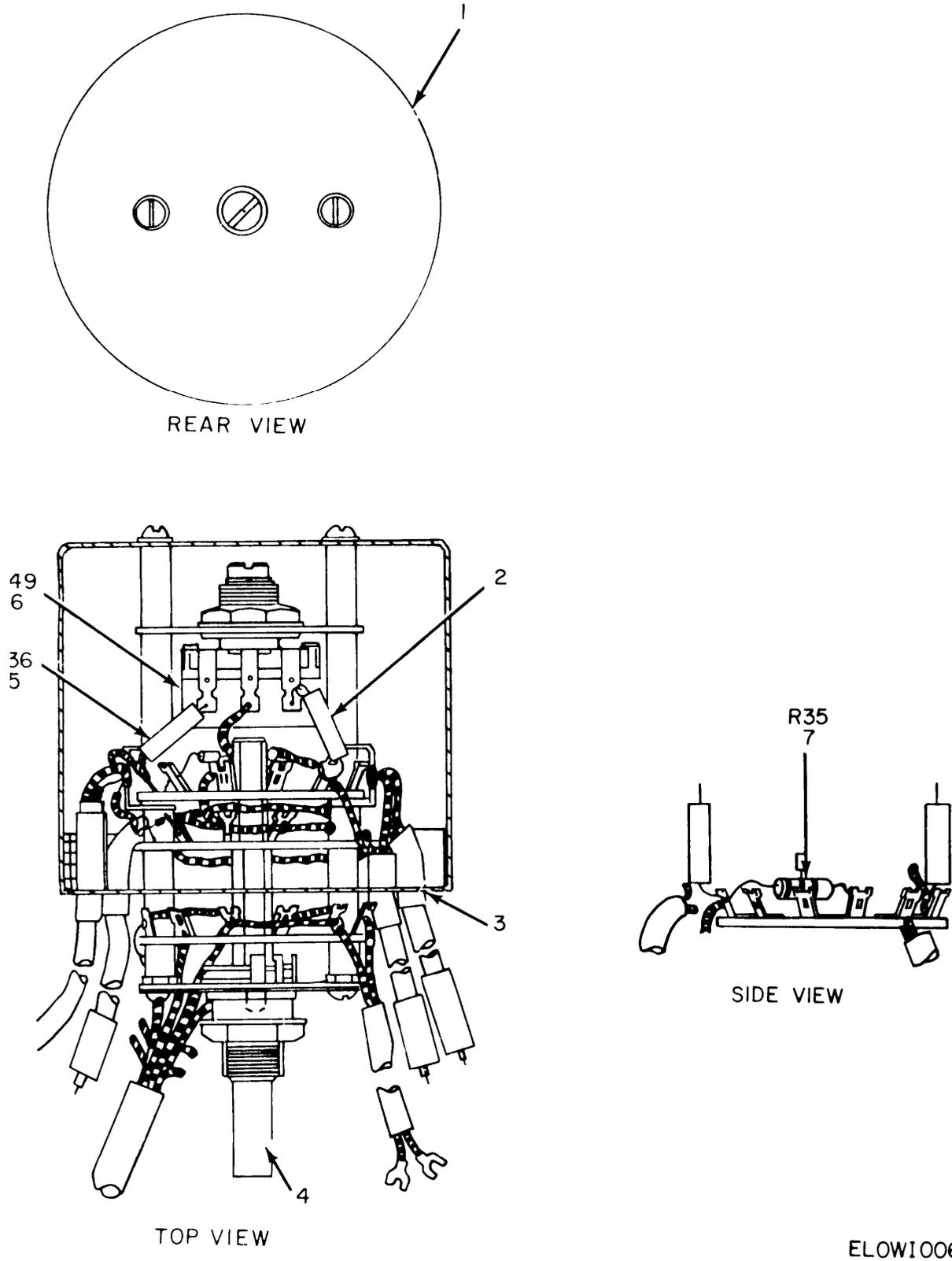


Figure 5. Voltmeter, Electronic ME-227/U, Amplifier Assembly.

SECTION II

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION								
(A)	(B)		NATIONAL		DESCRIPTION		QTY	
FIG	ITEM	SMR	STOCK	PART			INC	
NO.	NO.	CODE	NUMBER	NUMBER	FSCM	USABLE ON CODE	IN	
							U/M	
							UNIT	
5	1	XDHHH		5030	85711	CHASSIS ASSEMBLY	EA	1
5	2	PAHZZ	5960-00-188-0926	6X5WGT	81349	ELECTRON TUBE	EA	1
5	3	PAHZZ	5960-00-100-5268	6SJ7Y	81349	ELECTRON TUBE	EA	2
5	4	PAHZZ	5960-00-188-8538	6J7	81349	ELECTRON TUBE	EA	1
5	5	XDHZZ		926G-8	07387	RETAINER,ELECTRON TUBE	EA	1
5	6	PAHZZ	5945-00-986-3766	DCM77A1	85711	CHOPPER,ELECTRONICS	EA	1

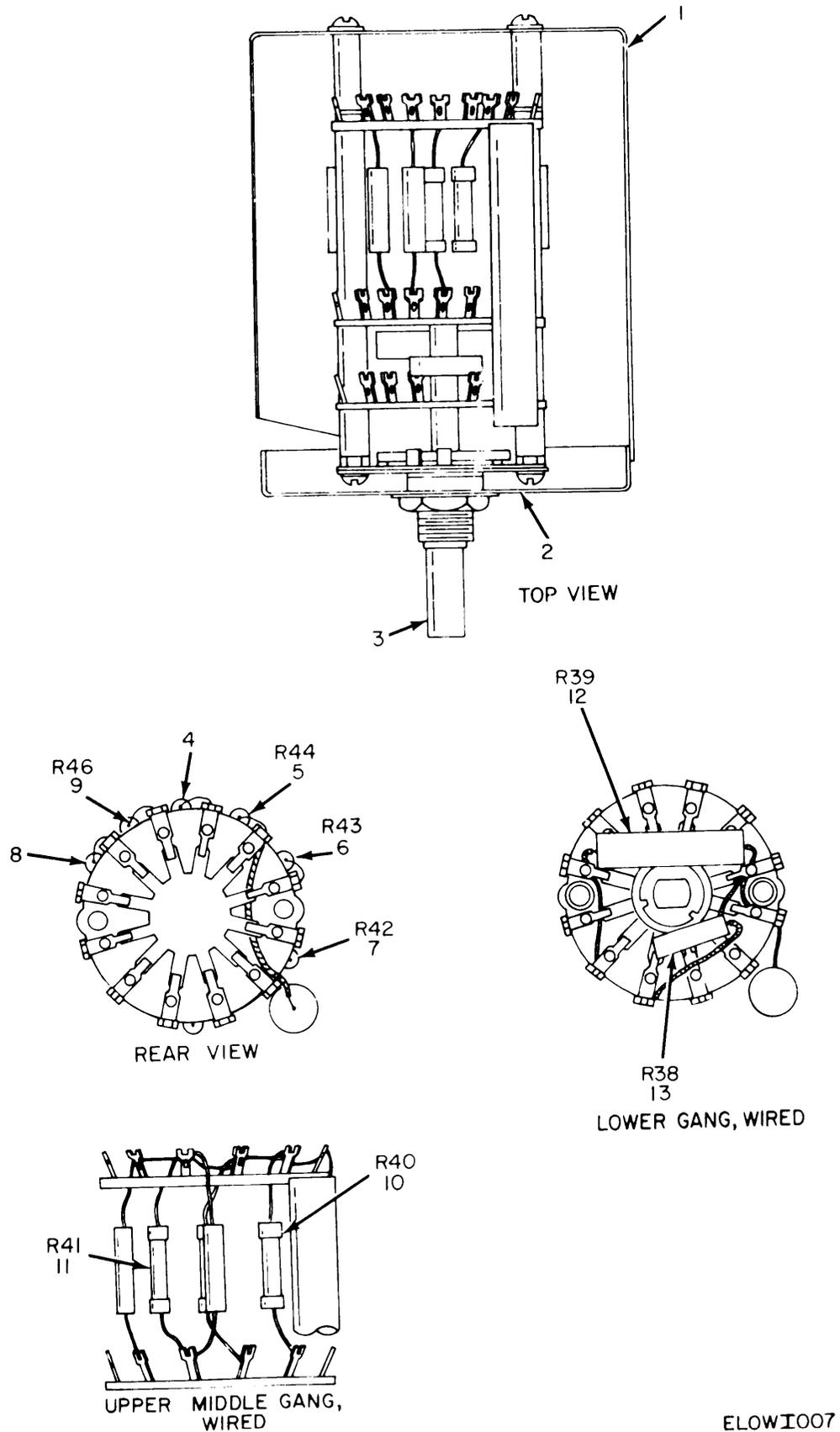


ELOWI006

Figure 6. Voltmeter, Electronic ME-227/U, Switch Assembly S1.

SECTION II

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION								
(A)	(B)	NATIONAL			DESCRIPTION		QTY	
FIG	ITEM	SMR	STOCK	PART			INC	
NO.	NO.	CODE	NUMBER	NUMBER	FSCM	USABLE ON CODE	IN	
							UNIT	
6	1	XDHZZ		4012-2	85711	SHIELD,CAN	EA	1
6	2	XDHZZ		RN20X3004F	01661	RESISTOR, FIXED, FILM	EA	1
6	3	XDHZZ		4011-2	85711	SHIELD, BOTTOM	EA	1
6	4	XDHZZ		4020	85711	SWITCH, ROTARY	EA	1
6	5	XDHZZ		RN20X2504F	81349	RESISTOR, FIXED, FILM	EA	1
6	6	XDHZZ		RV3ATSA2548	81349	RESISTOR, VARIABLE	EA	1
6	7	PAHZZ	5905-00-279-2504	RC20GF156J	81349	RESISTOR, FIXED, COMPOSITION	EA	1



ELOWI007

Figure 7. Voltmeter, Electronic ME-227/U, Switch Assembly S2.

SECTION II

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION								
(A)	(B)	NATIONAL			DESCRIPTION		QTY	
FIG	ITEM	SMR	STOCK	PART			INC	
NO.	NO.	CODE	NUMBER	NUMBER	FSCM	USABLE ON CODE	IN	
							UNIT	
7	1	XDHZZ		4012-1	85711	SHIELD,CAN	EA	1
7	2	XDHZZ		4211-1	85711	SHIELD,BOTTOM	EA	1
7	3	XDHZZ		4010	85711	SWITCH,ROTARY	EA	1
7	4	PAHZZ	5905-00-112-1295	RNC65K1502FS	81349	RESISTOR,FIXED,FILM	EA	1
7	5	PAHZZ	5905-00-192-3933	RNC65K6812FS	81349	RESISTOR,FIXED,FILM	EA	1
7	6	XDHZZ		RN20X1543F	81349	RESISTOR,FIXED,FILM	EA	1
7	7	XDHZZ		RN20X6733F	81349	RESISTOR,FIXED,FILM	EA	1
7	8	XDHZZ		RN20X1501F	81349	RESISTOR,FIXED,FILM	EA	1
7	9	XDHZZ		RN20X6001F	81349	RESISTOR,FIXED,FILM	EA	1
7	10	XDHZZ		RN30X6005F	81349	RESISTOR,FIXED,FILM	EA	1
7	11	XDHZZ		RN20X2154F	81349	RESISTOR,FIXED,FILM	EA	1
7	12	XDHZZ		RN25X1385F	81349	RESISTOR,FIXED,FILM	EA	1
7	13	XDHZZ		RN20X4624F	81349	RESISTOR,FIXED,FILM	EA	1

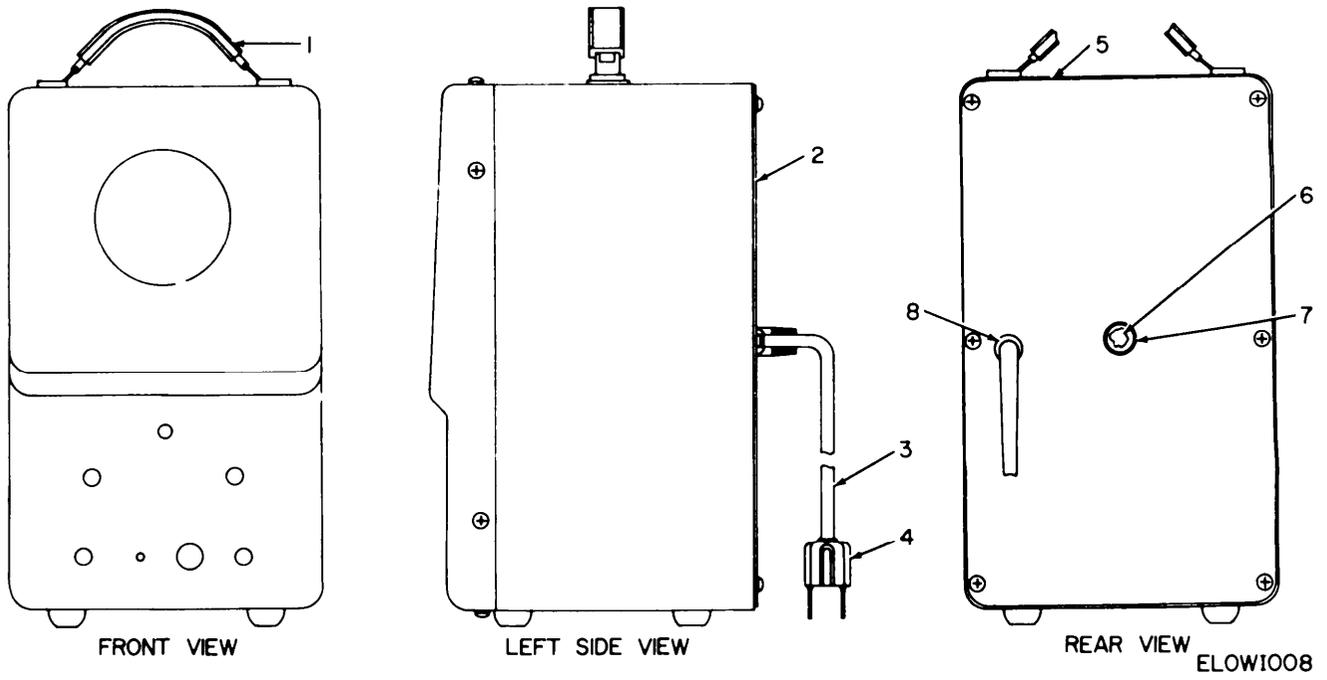


Figure 9. Voltmeter, Electronic ME-227/U, Housing Assembly.

SECTION II

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION								
(A)	(B)							
FIG	ITEM	SMR	NATIONAL STOCK	PART	DESCRIPTION		QTY	
NO.	NO.	CODE	NUMBER	NUMBER	FSCM	USABLE ON CODE	INC	
							IN	
							UNIT	
8	1	XDHZZ		5002	85711	HANDLE	EA	1
8	2	XDHZZ		5001	85711	BACK PANEL	EA	1
8	3	XDHHH		17206B	70903	CORD ASSEMBLY	EA	1
8	4	PAHZZ	5935-00-552-4490	MILC3767-3	81349	CONNECTOR, PLUG, ELECTRICAL	EA	1
8	5	XDHZZ		5001-1	85711	HOUSING	EA	1
8	6	PAOZZ	5920-00-503-2882	MDL410	71400	FUSE, CARTRIDGE	EA	1
8	7	XDHZZ		SCB136552	80063	FUSEHOLDER	EA	1
8	8	PAHZZ	5975-00-351-6114	SR5P1	28520	GROMMET, PLASTIC	EA	1

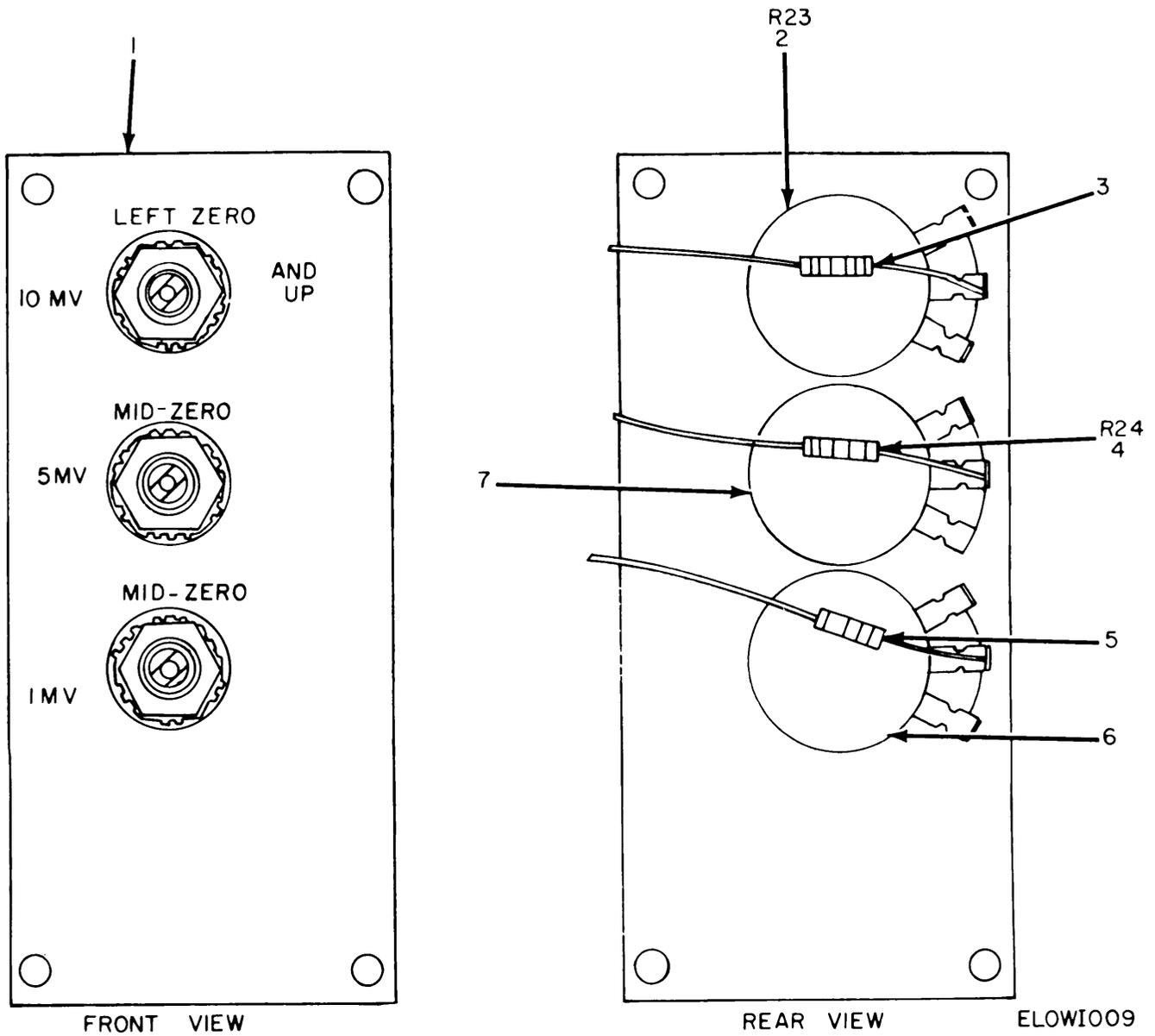


Figure 9. Voltmeter, Electronic ME-227/U, Gain Control Assembly.

SECTION II

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION		NATIONAL		DESCRIPTION		QTY	
(A)	(B)	SMR	STOCK	PART			INC
FIG	ITEM	CODE	NUMBER	NUMBER	FSCM	USABLE ON CODE	IN
NO.	NO.						UNIT
9	1	XDHZZ		3050	85711	CONTROL PLATE	EA 1
9	2	XDHZZ		RV3ATSA502B	81350	RESISTOR, VARIABLE	EA 1
9	3	XDHZZ		RN20X2002F	81349	RESISTOR, FIXED, FILM	EA 1
9	4	XDHZZ		RN20X4302F	81349	RESISTOR, FIXED, FILM	EA 1
9	5	XDHZZ		RN20X1003F	81349	RESISTOR, FIXED, FILM	EA 1
9	6	XDHZZ		RV3ATSA503B	81349	RESISTOR, VARIABLE	EA 1
9	7	XDHZZ		RV3ATSA1038	81349	RESISTOR, VARIABLE	EA 1

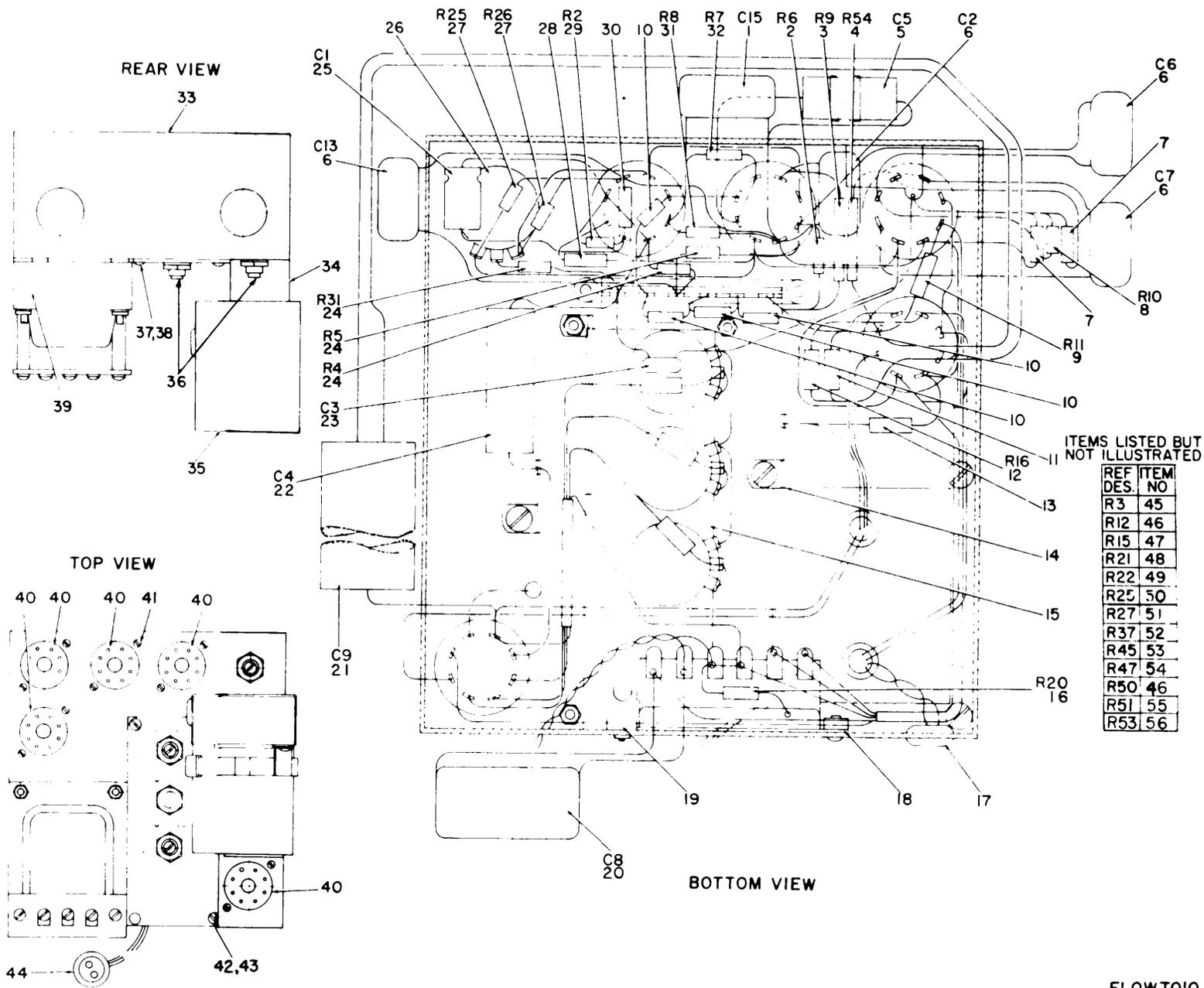


Figure 10. Voltmeter, Electronic ME-227/U, Chassis Assembly.

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SECTION II								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION								
(A)	(B)	NATIONAL	PART		DESCRIPTION		QTY	
FIG	ITEM	STOCK	NUMBER	FSCM		USABLE ON CODE	INC	
NO.	NO.	NUMBER	NUMBER				IN	
							UNIT	
10	1	PAHZZ	5910-00-889-4997	4PSP25	80183	CAPACITOR, FIXED, PAPER	EA	1
10	2	PAHZZ	5905-00-114-5428	RC20GF394K	81349	RESISTOR, FIXED, COMPOSITION	EA	1
10	3	PAHZZ	5905-00-104-8339	RCR20G824JS	81349	RESISTOR, FIXED, COMPOSITION	EA	1
10	4	PAHZZ	5905-00-279-2515	RC20GF474J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
10	5	PAHZZ	5910-00-864-8399	RVA1503	80183	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
10	6	PAHZZ	5910-00-971-1338	6PSS50	80183	CAPACITOR, FIXED, PAPER	EA	4
10	7	PAHZZ	5905-00-280-1582	RN20X1001F	81349	RESISTOR, FIXED, COMPOSITION	EA	2
10	8	PAHZZ	5905-00-409-7616	RC20GF105K	81349	RESISTOR, FIXED, COMPOSITION	EA	1
10	9	PAHZZ	5905-00-279-2521	RC20GF244J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
10	10	PAHZZ	5905-00-279-2510	RC20GF395J	81349	RESISTOR, FIXED, COMPOSITION	EA	4
10	11	PAHZZ	5905-00-279-2548	RC32GF243J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
10	12	PAHZZ	5905-00-121-9861	RCR32G102JS	81349	RESISTOR, FIXED, COMPOSITION	EA	1
10	13	PAHZZ	5905-00-299-2040	RC32GF472J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
10	14	XDHZZ		51	71785	TERMINAL BOARD	EA	1
10	15	PAHZZ	6625-00-014-0383	4073	85711	ELECTRICAL METER SUBASSEMBLY	EA	1
10	16	PAHZZ	5905-00-249-4195	RC20GF752J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
10	17	XDHZZ	5325-00-279-1235	2175	83330	GROMMET, RUBBER	EA	1
10	18	PAHZZ	5940-00-549-4916	2006	71785	TERMINAL BOARD	EA	1
10	19	XDHZZ		TH-23	37942	BRACKET	EA	1
10	20	PAHZZ	5910-00-689-8280	PVC6047	37942	CAPACITOR, FIXED, PAPER	EA	1
10	21	PAHZZ	5910-00-889-9317	TVA2740	80183	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
10	22	PAHZZ	5910-00-615-4661	C45062-27S10	96733	CAPACITOR, FIXED, METALIZED PAPER	EA	1
10	23	PAHZZ	5910-00-892-7466	D6-202	71590	CAPACITOR, FIXED, CERAMIC	EA	1
10	24	PAHZZ	5905-00-104-8332	RCR20G475JS	81349	RESISTOR, FIXED, COMPOSITION	EA	3
10	25	PAHZZ	5910-00-865-9535	TE-1102	80183	CAPACITOR, FIXED, ELECTROLYTIC	EA	1
10	26	XDHZZ		RV3ATS102B	81349	RESISTOR, VARIABLE	EA	1
10	27	PAHZZ	5905-00-186-3008	RC20GF101K	81349	RESISTOR, FIXED, COMPOSITION	EA	2
10	28	XDHZZ		RV3B2R2K	81349	RESISTOR, VARIABLE	EA	1
10	29	PAHZZ	5905-00-279-3498	RC20GF433J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
10	30	XDHZZ		RN20X1370F	81349	RESISTOR, FIXED, FILM	EA	1
10	31	PAHZZ	5905-00-279-3496	RC20GF513J	81349	RESISTOR, FIXED, COMPOSITION	EA	1
10	32	PAHZZ	5905-00-190-8876	RC20GF153K	81349	RESISTOR, FIXED, COMPOSITION	EA	1
10	33	XDHZZ		4070	85711	CHASSIS	EA	1
10	34	XDHZZ		4071	85711	INSULATOR, BLOCK	EA	1
10	35	XDHHH		4074	85711	ADAPTER ASSEMBLY	EA	1
10	36	XDHZZ		2056	73734	SCREW	EA	2
10	37	XDHZZ		2054	73734	SCREW	EA	4
10	38	XDHZZ		1360	73730	WASHER	EA	4
10	39	XDHHH		4072	85711	TRANSFORMER ASSEMBLY	EA	1
10	40	PAHZZ	5935-00-681-5805	8AM	71785	SOCKET, ELECTRON TUBE	EA	5

SECTION II

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION							
(A)	(B)						
FIG	ITEM	SMR	NATIONAL	PART	DESCRIPTION		QTY
NO.	NO.	CODE	STOCK	NUMBER		USABLE ON CODE	INC
			NUMBER	FSCM			IN
							UNIT
10	41	XDHZZ		2012	73734		EA 15
10	42	XDHZZ		4032	73734		EA 4
10	43	PAHZZ	5310-00-954-9965	8005	73734		EA 4
10	44	PAHZZ	6660-00-765-5419	SCB125342	80063		EA 1
10	45	XDHZZ		10509	81349		EA 1
10	46	PAHZZ	5905-00-195-6806	RC20GF102J	81349		EA 2
10	47	PAHZZ	5905-00-279-1878	RC20GF243J	81349		EA 1
10	48	XDHZZ		6156102	91500		EA 1
10	49	XDHZZ		34-5270	91500		EA 1
10	50	PAHZZ	5905-00-329-6085	RNC70K1003FS	81349		EA 1
10	51	PAHZZ	5905-00-993-3174	RN70D2002F	81349		EA 1
10	52	PAHZZ	5905-00-902-2887	DC1-2B	19701		EA 1
10	53	PAHZZ	5905-00-581-1717	RN70B1502F	81349		EA 1
10	54	PAHZZ	5905-00-990-1467	RN65D5363F	81349		EA 1
10	55	PAHZZ	5905-00-195-6451	RC20GF472K	81349		EA 1
10	56	PAHZZ	5905-00-883-9198	RN65D1001F	81349		EA 1

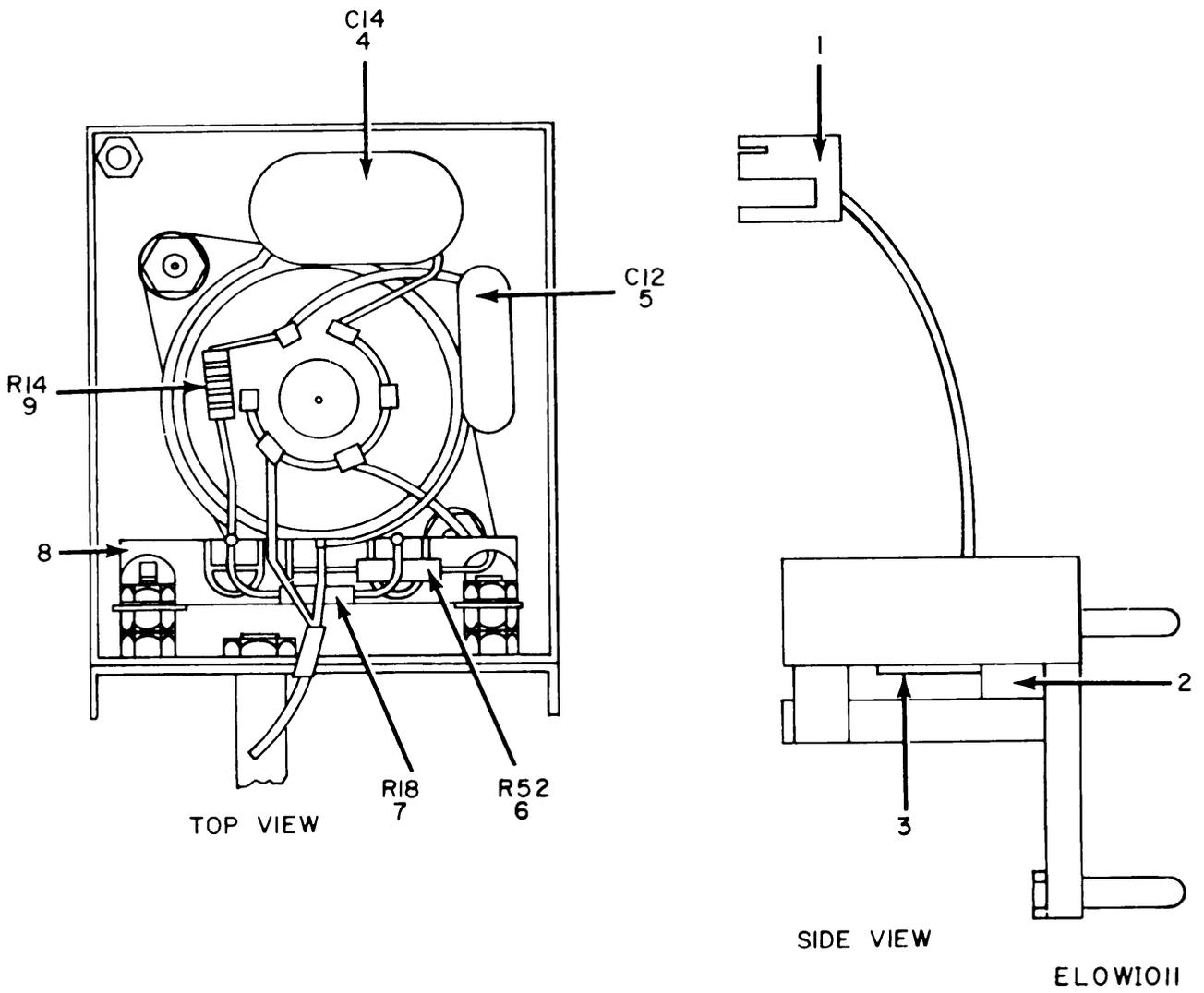


Figure 11. Voltmeter, Electronic ME-227/U, Adapter Assembly.

SECTION II

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
ILLUSTRATION							
(A)	(B)						QTY
FIG	ITEM	SMR	NATIONAL	PART	DESCRIPTION		INC
NO.	NO.	CODE	STOCK	NUMBER	FSCM	USABLE ON CODE	IN
			NUMBER				UNIT
11	1	XDHZZ		6020	71785		EA 1
11	2	PAHZZ	6625-00-682-2264	3083	85711		EA 1
11	3	XDHZZ		78RS6	02660		EA 1
11	4	PAHZZ	5910-00-971-1338	6PSS50	80183		EA 1
11	5	PAHZZ	5910-00-835-7064	6PSS10	80183		EA 1
11	6	PAHZZ	5905-00-279-2665	RC20GF206J	81349		EA 1
11	7	PAHZZ	5905-00-279-1868	RC20GF115J	81349		EA 1
11	8	XDHHH		1840	73734		EA 1
11	9	PAHZZ	5905-00-279-2509	RC20GF515J	81349		EA 1

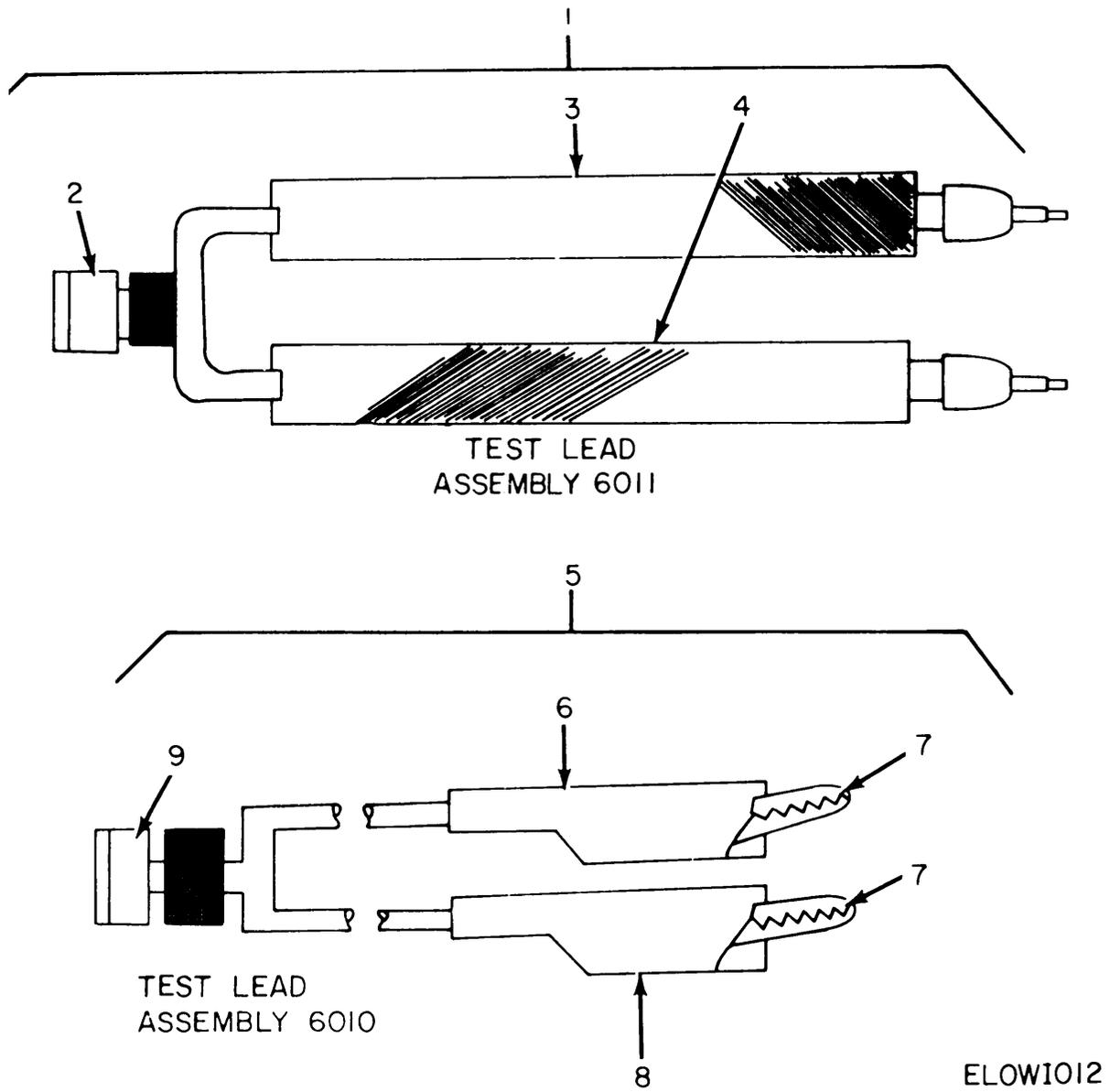


Figure 12. Voltmeter, Electronic ME-227/U, Test Lead Assemblies.

ELOW1012

SECTION II

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
ILLUSTRATION								
(A)	(B)		NATIONAL		DESCRIPTION		QTY	
FIG	ITEM	SMR	STOCK	PART			INC	
NO.	NO.	CODE	NUMBER	NUMBER	FSCM	USABLE ON CODE	IN	
							UNIT	
12	1	PAHHH	6625-00-689-6874	6011	85711	TEST LEAD ASSEMBLY	EA	1
12	2	PAHZZ	5935-00-201-8461	80M	02660	CONNECTOR, AMPHENOL	EA	1
12	3	PAHZZ	6625-00-668-7647	317RED	83330	PROD, TEST	EA	1
12	4	PAHZZ	6625-00-668-7647	317BLACK	83330	PROD, TEST	EA	1
12	5	PAHHH	6625-00-689-6875	6010	85711	TEST LEAD ASSEMBLY	EA	1
12	6	PAHZZ	5975-00-503-1440	331BLACK	83330	INSULATOR SLEEVING	EA	1
12	7	PAHZZ	5999-00-892-8256	380	83330	CLIP, ELECTRICAL	EA	2
12	8	PAHZZ	5970-00-405-4748	331RED	83330	INSULATION, SLEEVING	EA	1
12	9	PAHZZ	5935-00-201-8461	80M	02660	CONNECTOR, AMPHENOL	EA	1

SECTION IV

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

NOTE: LATEST NATIONAL STOCK NUMBER AND PART NUMBER ASSIGNMENTS ARE INCLUDED AT END OF INDEX.

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
6625-00-014-0382	2	11	5905-00-280-1582	10	7
6625-00-014-0383	10	15	5930-00-327-8515	2	5
6625-00-014-0384	2	13	5355-00-341-2477	2	3
5960-00-100-5268	5	3	5975-00-351-6114	8	8
5905-00-114-5428	10	2	5970-00-405-4748	12	8
5355-00-160-5910	2	2	5905-00-409-7616	10	8
5905-00-171-2003	3	9	5975-00-503-1440	12	6
5905-00-185-6946	3	3	5920-00-503-2882	8	6
5905-00-186-3008	10	27	5940-00-549-4916	10	18
5960-00-188-0926	5	2	6130-00-553-1894	3	6
5960-00-188-8538	5	4	6130-00-553-1895	3	8
5905-00-190-8876	3	4	5905-00-581-1717	10	53
5905-00-190-8876	10	32	5940-00-666-3885	2	7
5905-00-192-3978	3	14	6625-00-668-7647	12	3
5905-00-195-6451	10	55	6625-00-668-7647	12	4
5905-00-195-6806	10	46	5935-00-681-5805	10	40
5935-00-197-9264	2	6	6625-00-689-6874	12	1
5935-00-201-8461	12	2	6625-00-689-6875	12	5
6240-00-223-9100	2	10	6625-00-689-6878	2	9
5905-00-249-4195	3	5	5910-00-689-8280	10	20
5905-00-249-4195	10	16	6210-00-825-8599	2	1
5325-00-279-1235	10	17			
5905-00-279-1868	11	7	5910-00-835-7064	11	5
5905-00-279-1878	10	47	5910-00-864-8399	10	5
5905-00-279-1894	3	2	5910-00-865-9535	10	25
5905-00-279-2509	11	9	5910-00-889-4997	10	1
5905-00-279-2515	10	4	5910-00-892-7466	10	23
5905-00-279-2521	10	9	5999-00-892-8256	12	7
5905-00-279-2548	10	11	5905-00-902-2887	10	52
5905-00-279-2665	11	6	5310-00-954-9965	10	43
5905-00-279-3496	10	31	5945-00-986-3766	5	6
5905-00-279-3498	10	29			

PART NUMBER	FSCM	FIG NO	ITEM NO	PART NUMBER	FSCM	FIG NO	ITEM NO
CX2E1H199	73506	3	6				
CX2E4F183	73506	3	8	RN20X1001F	81349	10	7
DCM77A1	85711	5	6	RN20X1003F	81349	9	5
DC1-2B	19701	10	52	RN20X1370F	81349	10	30
D6-202	71590	10	23	RN20X1501F	81349	7	8
K-3926	81349	2	2				
				RN20X1543F	81349	7	6
MDL410	71400	8	6	RN20X2002F	81349	9	3
MILC3767.3	81349	8	4	RN20X2154F	81349	7	11
				RN20X2504F	81349	6	5
NE51	95412	2	10	RN20X3004F	1661	6	2
PM8406	97965	4	1	RN20X4302F	81349	9	4
PVC6047	37942	10	20	RN20X4624F	81349	7	13
RC20GF101K	81349	10	27	RN20X6001F	81349	7	9
RC20GF102J	81349	10	46				
RC20GF105K	81349	10	8	RN20X6733F	81349	7	7
RC20GF115J	81349	11	7	RN25X1385F	81349	7	12
				RN30X6005F	81349	7	10
RC20GF153K	81349	3	4				
RC20GF153K	81349	10	32				
				RN70B1502F	81349	10	53
RC20GF204J	81349	3	9				
RC20GF206J	81349	11	6	RVA1503	80183	10	5
RC20GF243J	81349	10	47	RV3ATSA103B	81349	9	7
RC20GF244J	81349	10	9	RV3ATSA254B	81349	6	6
RC20GF303J	81349	3	14	RV3ATSA502B	81350	9	2
RC20GF394K	81349	10	2	RV3ATSA503B	81349	9	6
				RV3ATS102B	81349	10	26
RC20GF433J	81349	10	29	RV3BTRE305B	81349	2	8
RC20GF472K	81349	10	55	RV3B2R2K	81349	10	28
RC20GF474J	81349	10	4	SCB136552	80063	8	7
RC20GF474K	81349	3	3	SR5P1	2B520	8	8
				TE-1102	80183	3	1
RC20GF513J	81349	10	31	TE-1102	80183	10	25
RC20GF515J	81349	11	9	TH-23	37942	10	19
RC20GF752J	81349	3	5				
RC20GF752J	81349	10	16	10509	81349	10	45
RC20GF820J	81349	3	2	1360	73730	10	38
				1561BS	4009	2	5
				165	6555	2	9
RC32GF243J	81349	10	11	167	73749	4	2

NATIONAL STOCK NUMBER AND PART NUMBER INDEX

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
17206B	70903	8	3	5001-1	85711	8	5
1840	73734	11	8	5002	85711	8	1
2006	71785	10	18	5010	85711	2	4
2012	73734	10	41	5012	85711	2	11
2054	73734	10	37	5013	85711	2	13
2056	73734	10	36	5015	85711	2	12
2175	83330	10	17	5022	85711	2	14
220	83330	2	7	5030	85711	5	1
2300A	72512	2	3	51	71785	10	14
3050	85711	9	1				
3083	85711	11	2	6J7	81349	5	4
317BLACK	83330	12	4				
317RED	83330	12	3	6PSS10	80183	11	5
331BLACK	83330	12	6	6PSS50	80183	10	6
331RED	83330	12	8	6SJ7Y	81349	5	3
35-551	73734	4	3	6TMP1	80183	3	12
380	83330	12	7	6X5WGT	81349	5	2
4PSP25	80183	10	1	6001	85711	1	2
4010	85711	7	3	6002	85711	1	1
4011-2	85711	6	3	6003	85711	1	3
4012-1	85711	7	1	6010	85711	12	5
4012-2	85711	6	1	6011	85711	12	1
4020	85711	6	4	6020	71785	11	1
4032	73734	10	42	6156102	91500	10	48
4040	85711	3	10	755-621	6151	2	1
4046	85711	3	16	78RS6	2660	11	3
4070	85711	10	33	8AM	71785	10	40
4071	85711	10	34	80C	2660	2	6
4072	85711	10	39	80M	2660	12	2
4073	85711	10	15	8005	73734	10	43
4074	85711	10	35	86CP8	81349	2	15
4211-1	85711	7	2	926G-8	7387	5	5
5001	85711	8	2				

LATEST NATIONAL STOCK NUMBER ASSIGNMENTS

STOCK NUMBER	FIG. NO.	ITEM NO.	STOCK NUMBER	FIG. NO.	ITEM NO.
5905-00-104-8332	10	24	5905-00-329-6085	10	50
5905-00-104-8339	10	3	6240-00-577-8456	3	7
5905-00-112-1295	7	4	5910-00-615-4661	10	22
5905-00-121-9861	10	12	5910-00-667-4958	3	12
5905-00-190-8874	3	11	6625-00-682-2264	11	2
5905-00-192-3933	7	5	6660-00-765-5419	10	44
5935-00-201-8461	12	9	5905-00-883-9198	10	56
5905-00-246-9396	3	15	5910-00-889-9317	10	21
5905-00-279-2503	3	13	5910-00-971-1338	10	6
5905-00-279-2504	6	7	5910-00-971-1338	11	4
5905-00-279-2510	10	10	5905-00-990-1467	10	54
5905-00-299-2040	10	13	5905-00-993-3174	10	51

LATEST PART NUMBER ASSIGNMENTS

PART NUMBER	FSCM	FIG. NO.	ITEM NO.	PART NUMBER	FSCM	FIG. NO.	ITEM NO.
C45062-27S10	96733	10	22	RNC70K1003FS	81349	10	50
NE2E	08108	3	7	RN65D1001F	81349	10	56
RCR20G226JS	81349	3	15	RN65D5363F	81349	10	54
RCR20G475JS	81349	10	24	RN65K1502FS	81349	7	4
RCR20G824JS	81349	10	3	RN65K6812FS	81349	7	5
RCR32G102JS	81349	10	12	RN70D2002F	81349	10	51
RC20G125J	81349	3	11	SCB125342	80063	10	44
RC20GF156J	81349	6	7	TVA2740	80183	10	21
RC20GF186J	81349	3	13	34-5270	91500	10	49
RC20GF395J	81349	10	10	6PSS50	80183	11	4
RC20GF472J	81349	10	13	80M	02660	12	9

ADDITIONAL LATEST NATIONAL STOCK NUMBER ASSIGNMENTS

STOCK NUMBER	FIG. NO.	ITEM NO.
5935-00-552-4490	8	4
5910-00-865-9535	3	1



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DATE

23 Jan 74

TITLE

Radar Set AN/SP-76

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

PAGE NO.	PARA GRAPH	FIGURE NO.	TABLE NO.
----------	------------	------------	-----------

2-25	2-28		
3-10	3-3	3-1	
5-5	5-8		

Recommend that the installation antenna alignment procedure be changed throughout to specify antenna lag rather than...

REASON: Experience has shown that with only a 1° lag, the antenna servo system is too sensitive to wind gusting in excess of 20 knots, and has a tendency to rapidly accelerate and decelerate as it hunts, causing strain to the drive train. Hunting is minimized by adjusting the lag to 2° without degradation of operation.

3-10 3-3

3-1

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

REASON: The adjustment procedure for the TRANS POWER FAULT indicator calls for a 2 db (500 watts) adjustment to light the TRANS POWER FAULT indicator.

5-5 5-8

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

REASON: To replace the cover plate.

FOI

Zone 3 3. On J1-2, change "+24 VDC" to "+9 VDC."

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

TYPED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

SSA T. M. DeSpirito 939-1776

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28 Nov 77

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----------	------------	------------	-----------

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