

IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.
 MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES.

*Item 27 used on Item 9.
 Item 41 used on Item 8.

Zero Adj. Ass'y. (Items 25, 26, 27, 31) MUST be free enough to allow for adjustments.

Sweat Solder Item * to item 25

SECTION VIEW A-A

Terminal Strip Wiring Detail

CASE Ass'y.

COVER Ass'y.

FINAL Ass'y.

D	NOTE ADDED: ITEM 27 WAS A-1518 07/23/51 ADDED	5/10/55	14042	2P	WCB	WMA	
C	3 PICT. CLIP DETAIL AD. TO COVER ASSY; 2 TMC P/N CHART AD. 1 BHM UPDATED; IT 39 & 40 AD.	12-24-64	15168	2P	@	222	
B	1 ITEMS 31, 32, 33, 35 SUPPLIED W/HA-110	8/1/55	416	HL			
A	1 PT. NO. ITEM 20 WAS WA-131-20	4/1/53	394	HL			
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES		SCALE:					
ALL	DEC. DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK					
OTHERS	FRACTIONAL DIM. ±	SIZES AND MANUFACTURERS					
	ANGULAR DIM. ±	TOLERANCES ARE NOT INCLUDED.					

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 THE TECHNICAL MATERIEL CORPORATION
 MAMARONECK, NEW YORK

TMC PART NO.	USED ON MODEL	ITEM 2	ITEM 3	ITEM 15	ITEM 37
A1553-3K	SWR-3K-PM	M51281	PX401	LD395	NPI02-23
A1553-10K	SWR-10K-PM	M54170	PX874	LD1676	NPI02-91

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL	REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
1	41	A1518-2	ARM & PIN ASSY.	8	11	LWS02MRN	Lockwasher, Split
4	40	FW02HBN	WASHER, FLAT	4	10	SCBP0256BN5	Screw, Machine
4	39	WAI09-1	WASHER, NON-METALLIC	1	9	MM-100-2	Meter Movement
2	38	CC-100-16	CAPACITOR, FIXED	1	8	MM-100-1	Meter Movement
1	37	SEE CHART	NAMEPLATE, PORTABLE METER	1	7	M5-1197	PLATE, MTG., METER
4	36	SFB0256SN3	SCREW, SELF TAPPING	4	6	NTH0256BN6	NUT, HEX.
2	35	LW110MRN	LOCKWASHER, INT. TOOTH	4	5	SCFP0256BN5	Screw, Machine (Paint Heads Blk)
1	34	NTH0632BN8	NUT, HEX.	4	4	M5-1194	CLAMP, WINDOW
4	33	FW10HBN	WASHER, FLAT	1	3	SEE CHART	WINDOW, METER
2	32	NTH1032BN12	NUT, HEX.	1	2	SEE CHART	PLATE, FRONT, METER
2	31	SC-138	SCREWS, HEX, SPEC.	1	1	PX-411	HOUSING, METER

8"	30	LWC28(T)U6	Cable, Insulated, Stranded	BLK
8"	29	LWC28(T)U2	"	RED
1	28	CU-102-3	CLAMP, CABLE, PLASTIC	
1	27	A-1518-1	ARM & PIN ASSY.	
2	26	WA-131-3C	WASHER, SPRING	
2	25	SCFP0440BN6	Screw, Machine (Paint Heads Blk)	
X	24	BS-100	Solder, Soft	
4	23	SCBP0436BN8	Screw, Machine (Paint Heads Blk)	
1	22	HA-110	Handle, Portable, Meter	
1	21	CA378-48	Cable, Ass'y, spare 3/c	
1	20	TM-117-13	TERMINAL STRIP	
5	19	LWE06MRN	Lockwasher, Ext.	
5	18	FW06HBN	Washer, Flat	
8	17	SCBP0632BN5	Screw, Machine	
5	16	SCFP0632BN8	Screw, Machine	
1	15	SEE CHART	Dial Face, Meter	
4	14	TE0632BN6R	Spacer, Special, Threaded	
4	13	SCFP0632BN6	Screw, Machine	
2	12	PM-481	Spacer, Meter Mtg. Plate	
8	11	LWS02MRN	Lockwasher, Split	
4	10	SCBP0256BN5	Screw, Machine	
1	9	MM-100-2	Meter Movement	BLK
1	8	MM-100-1	Meter Movement	RED
1	7	M5-1197	Plate, Mtg., Meter	
4	6	NTH0256BN6	Nut, Hex.	
4	5	SCFP0256BN5	Screw, Machine (Paint Heads Blk)	
4	4	M5-1194	Clamp, Window	
1	3	SEE CHART	Window, Meter	
1	2	SEE CHART	Plate, Front, Meter	
2	1	PX-411	Housing, Meter	

1	SWR-10K-PM				
1	SWR-3K-PM			6-17-58	
REQ. PER UNIT	MODEL	PROJECT NO.	ASSY. NO.	DATE	
		USED ON			

THE TECHNICAL MATERIEL CORP.
 MAMARONECK, NEW YORK

PORTABLE METER ASSY.
 (Standing Wave Ratio Meter)

ASC 4/1/55
 16/1/53

MECH. DES. APP. [Signature]
 ELEC. DES. APP. [Signature]

CHECKED [Signature]
 FINAL APPROVAL [Signature]

A-1553 D
 PROD. DWG.

A-1553 D