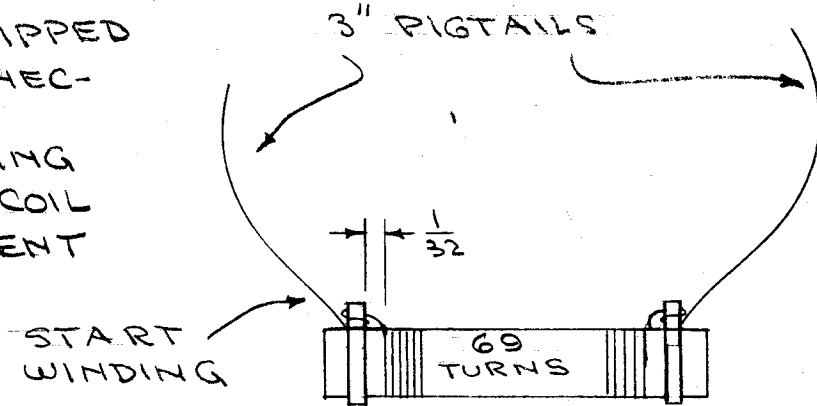


G  
A-1126

**WINDING**

69 CLOSE WOUND TURNS OF WI-107-7 SPACED ON CORE AS SHOWN. ALLOW 3" STRIPPED PIGTAIL EACH END FOR CONNECTION TO LUGS. PIGTAIL ALSO TO BE USED DURING DIPPING IN INSULEX, FOR HANGING COIL IN OVEN AND FOR ATTACHMENT TO Q METER.

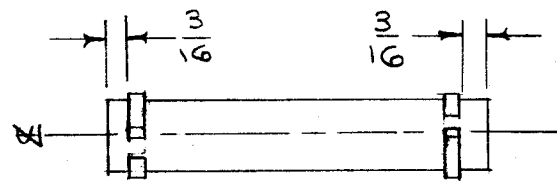


KEEP TERMINALS IN LINE.



**FABRICATION-**

- 1- EXPAND LUGS SLIGHTLY FOR FIRM MECHANICAL FIT TO CORE.
- 2- SECURE LUGS FIRMLY TO CORE WITH ITEM 4 (INSULEX-U85).
- 3- BAKE FOR 2 HOURS AT 250° F.
- 4- WIND COIL AS ABOVE.
- 5- SOLDER LEADS TO TERMINALS.
- 6- DIP UNIT IN ITEM 4 (INSULEX-U85).
- 7- BAKE FOR 2 HOURS AT 250° F.
- 8- SCRAPE TERMINALS & PIGTAIL FREE OF INSULEX.
- 9- TEST AS SHOWN.
- 10- CUT PIGTAILS OFF AT TERMINALS.



TOP VIEW - NOTE POSITION OF LUGS

**TEST DATA**

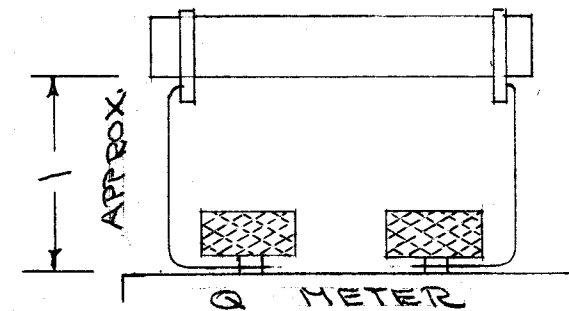
METER - BOONTON "Q" METER, TYPE 160A OR EQUIVALENT

**SPECIFICATIONS**

L - 185  $\mu$ hy  $\pm$  15  $\mu$ hy  
Q - 50 OR GREATER

F - 790 KC

**SET UP**



**NOTICE TO PERSONS RECEIVING THIS DRAWING**

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Property of:

THE TECHNICAL MATERIEL CORPORATION  
MAMARONECK, NEW YORK

G	1	ON PIC, REVER. POS. OF LUGS	3.25.64	11092	WB	@	Q
F	1	DESC. UPDATED	2-27-64	10947	AM	Q	X
E	1	L106 Replaces L107	4/17/59	5	ML	MP	A.J.J.
D	5	FABRICATION DATA CHGD.	9/6/56	4	Q	MP	A.J.J.
C	4	WINDING WAS GIT	7/28/54	3	Q	MP	A.J.J.
B	3	L WAS 190 $\pm$ 10 $\mu$ hy	7/27/56	2	Q	MP	A.J.J.
B	2	R WAS .270 OHMS WINDING WAS 69 T	7/27/56	2	Q	MP	A.J.J.
B	1	ITEM 1 WAS 25-112-2 R0 3	7/27/56	2	Q	MP	A.J.J.
A	1	ITEM 3 WAS TE-153-3	1-31-56	1	B	MP	A.J.J.
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES		SCALE:					
DEC. DIM. $\pm$		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES					
FRAC. DIM. $\pm$							
ANGULAR DIM. $\pm$							

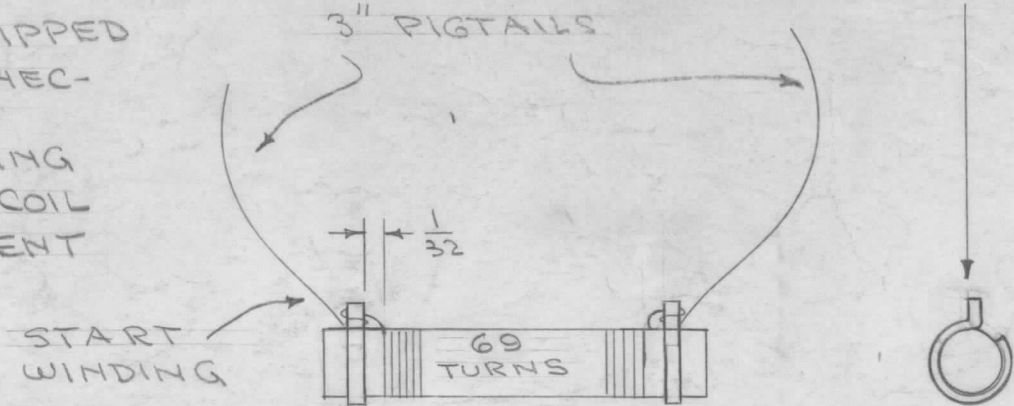
1	ATS-TOCU-2		4/23/59
6	RTF-2	PIA 5 REQ MULT 1 REQ	11-20-58
1	RFA-1	L236	6-19-68
6	RTF	110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200	11-2-55
REQ. PER	MODEL	PROJECT NO.	DATE

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
X 5	BS-100	SOLDER, SOFT	
X 4	GL-104-2	INSULATING VARNISH, ELECTRICAL	
Z 3	TE-153-2	TERMINAL, LUG, RING	
X 2	WI-107-7	WIRE, ELECTRICAL, MAGNET, SZ26	
1 1	RT-1124-2R0F	CORE, FIXED ROD	
STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK.	
MATERIAL		CL-178 ASS'Y. (COIL, RF, FIXED, 185 $\mu$ hy)	
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
		Q	A.J.J.
ELEC. DES. APP.		MECH. DES. APP.	
		A-1126	

G  
A-1126

WINDING

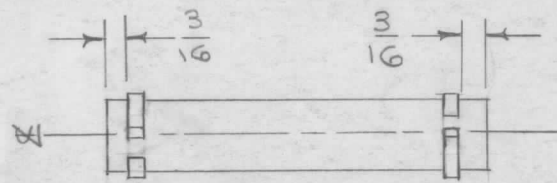
69 CLOSE WOUND TURNS OF WI-107-7 SPACED ON CORE AS SHOWN. ALLOW 3" STRIPPED PIGTAIL EACH END FOR CONNECTION TO LUGS. PIGTAIL ALSO TO BE USED DURING DIPPING IN INSULEX, FOR HANGING COIL IN OVEN AND FOR ATTACHMENT TO Q METER.



KEEP TERMINALS IN LINE.

FABRICATION-

- 1- EXPAND LUGS SLIGHTLY FOR FIRM MECHANICAL FIT TO CORE.
- 2- SECURE LUGS FIRMLY TO CORE WITH ITEM 4 (INSULEX-U85).
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- 4- WIND COIL AS ABOVE.
- 5- SOLDER LEADS TO TERMINALS.
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- 7- BAKE FOR 2 HOURS AT 250°F.
- 8- SCRAPE TERMINALS & PIGTAIL FREE OF INSULEX.
- 9- TEST AS SHOWN.
- 10- CUT PIGTAILS OFF AT TERMINALS.



TOP VIEW - NOTE POSITION OF LUGS

TEST DATA

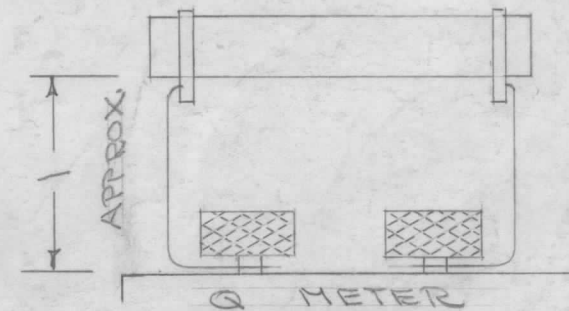
METER - BOONTON "Q" METER, TYPE 160A OR EQUIVALENT

SPECIFICATIONS

L - 185  $\mu$ hy  $\pm$  15  $\mu$ hy  
Q - 50 OR GREATER

F - 790 KC

SET UP



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Property of:

THE TECHNICAL MATERIEL CORPORATION  
MAMARONECK, NEW YORK

G	1	ON PIC, REVER. POS. OF LUGS	3.25.64	11092	WB	@	Q
F	1	DESC. UPDATED	2-27-64	10947	AM	@	Q
E	1	L106 Replaces L107	4/17/59	5	JWL	MP	A.J.J.
D	5	FABRICATION DATA CHGD.	9/6/56	4	ESD	MP	A.J.J.
C	4	WINDING WAS 61T	7/28/56	3	ESD	MP	A.J.J.
B	3	L WAS 190 $\pm$ 10 $\mu$ hy	7/27/56	2	ESD	MP	A.J.J.
B	2	R WAS .270 OHMS WINDING WAS 69T	7/27/56	2	ESD	MP	A.J.J.
B	1	ITEM 1 WAS CI-112-2ROF	7/27/56	2	ESD	MP	A.J.J.
A	1	ITEM 3 WAS TE-153-3	1-31-56	1	B	MP	A.J.J.
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE:				
DEC. DIM. $\pm$			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES				
FRAC. DIM. $\pm$							
ANGULAR DIM. $\pm$							

1	ATS-TOCU-2		4/23/59
6	RTF-2	P/A 5 REQ MULT 1 REQ	11-20-58
1	RFA-1	L236	6-19-58
6	RTF	L101, 106, 110, 111, 114, 216	11-2-58
REQ. PER UNIT	MODEL	PROJECT NO.	ASS'Y. NO.
			DATE
			USED ON

X	5	BS-100	SOLDER, SOFT	
X	4	GL-104-2	INSULATING VARNISH, ELECTRICAL	
Z	3	TE-153-2	TERMINAL, LUG, RING	
X	2	WI-107-7	WIRE, ELECTRICAL, MAGNET, SZ26	
1	1	CI-112Q1-2ROF	CORE, FIXED ROD	
REQ. ITEM	PART NO.		DESCRIPTION	SYMBOL
STOCK SIZE				THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK
MATERIAL				CL-178 ASS'Y. (COIL) RF, FIXED, 185 $\mu$ hy
TYPE & TEMPER		HEAT TREAT. SPEC.	DRAWN	CHECKED
			ESD	JWL
				A.J.J.
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.	
				A-1126