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MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES.							
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
A	1	Added (2) Lugs to Pictorial	7/27/61	5335	JDM	JCS	JM

TOP SECURITY

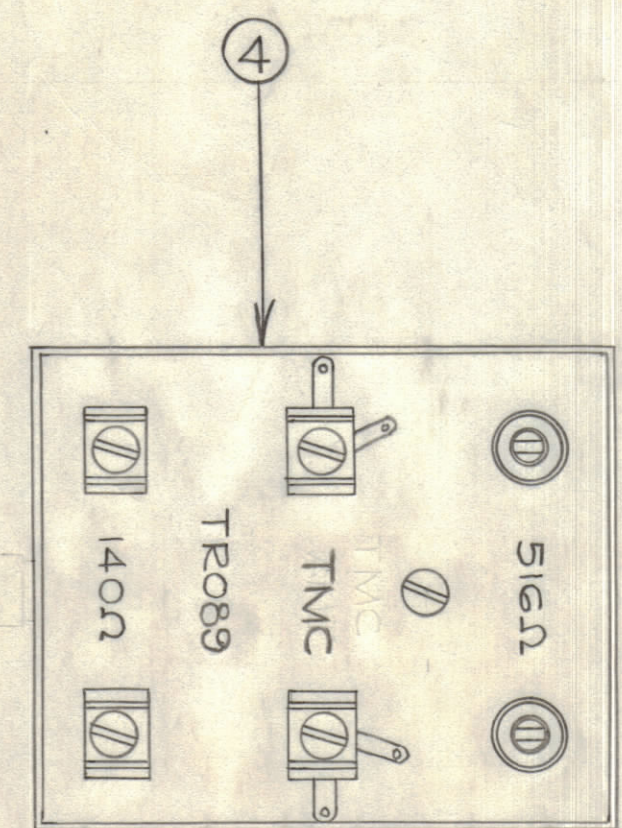
NOTICE TO PERSONS RECEIVING THIS DRAWING

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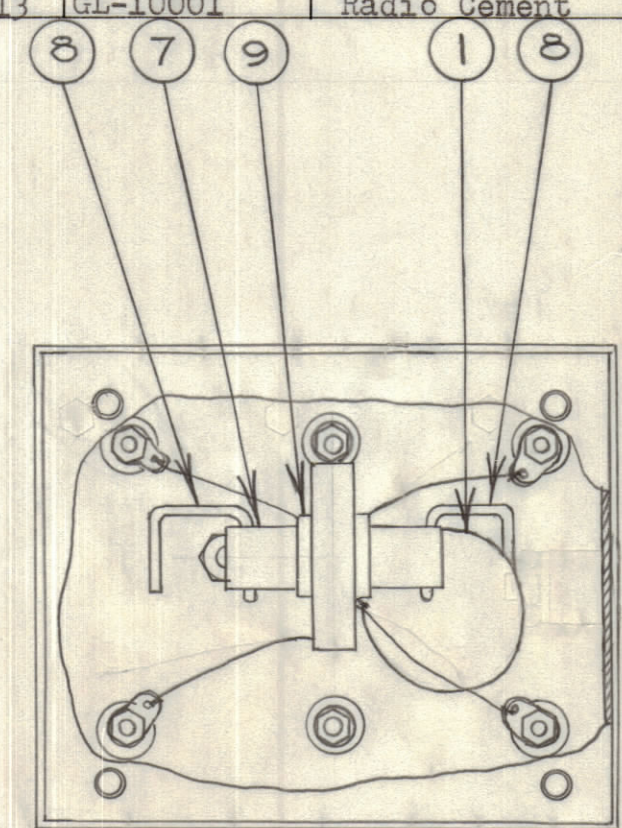
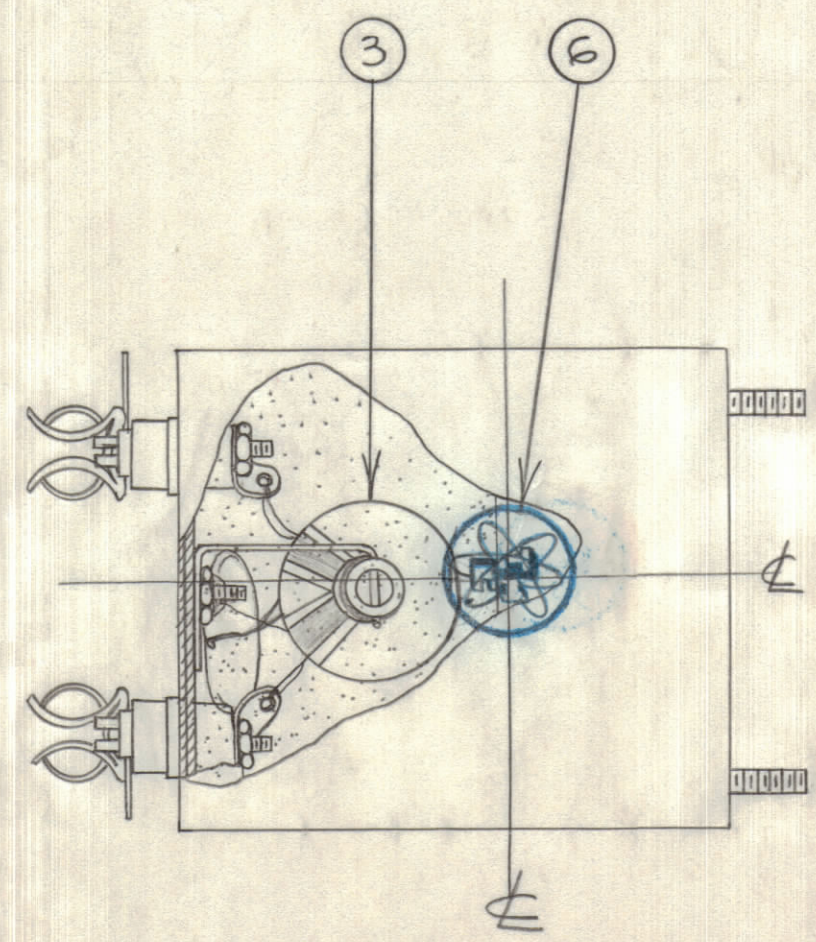
AUTH. BY: _____
DATE: _____



Winding Notes:

1. Use one layer only of item 5 overlapping $\frac{1}{8}$ " stretch tape to avoid wrinkles.
2. Coat the 1st winding lightly with item 13.
3. Coat the 2nd winding liberally with item 13.

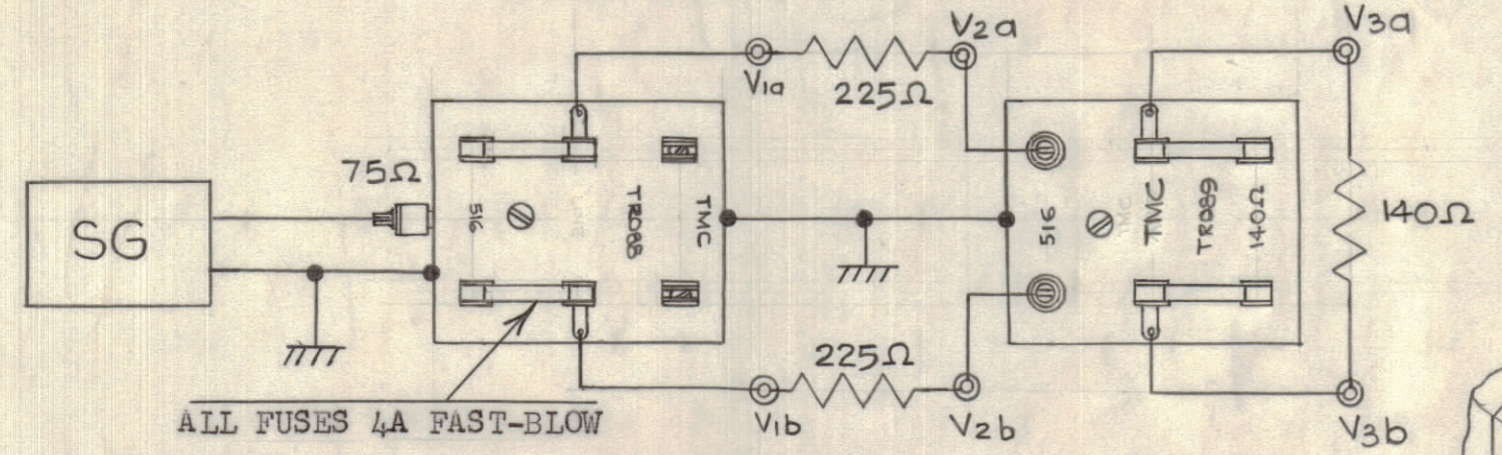
REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
1	1	CC-10006-1	Capacitor: disc., 0.05 uf	
24"	2	WI-10007	Wire: 30 g single poly, single nylon covered.	
1	3	CI-10001-3	Core: ferrite, 3 C material	
1	4	BX-10010	Box: assembled	
3"	5	TA-10002-1-Y	Tape: mylar, yellow	
1	6	NP-228-2.6875	Decal: Adhesive, T.M.C. Insignia	
1	7	CF-10012	Coil form	
2	8	MS-10259	Stabilizer	
AR	9	TA-10001-1	Tape: masking 3/8"	
*	10	GL-10002	Compound: potting	
AR	13	GL-10001	Radio Cement	



NOTE: STAMPING TO BE BLACK & 1/8" HIGH.

NOTE: ALL WINDINGS TO BE CLOSE WOUND.

TEST SET-UP



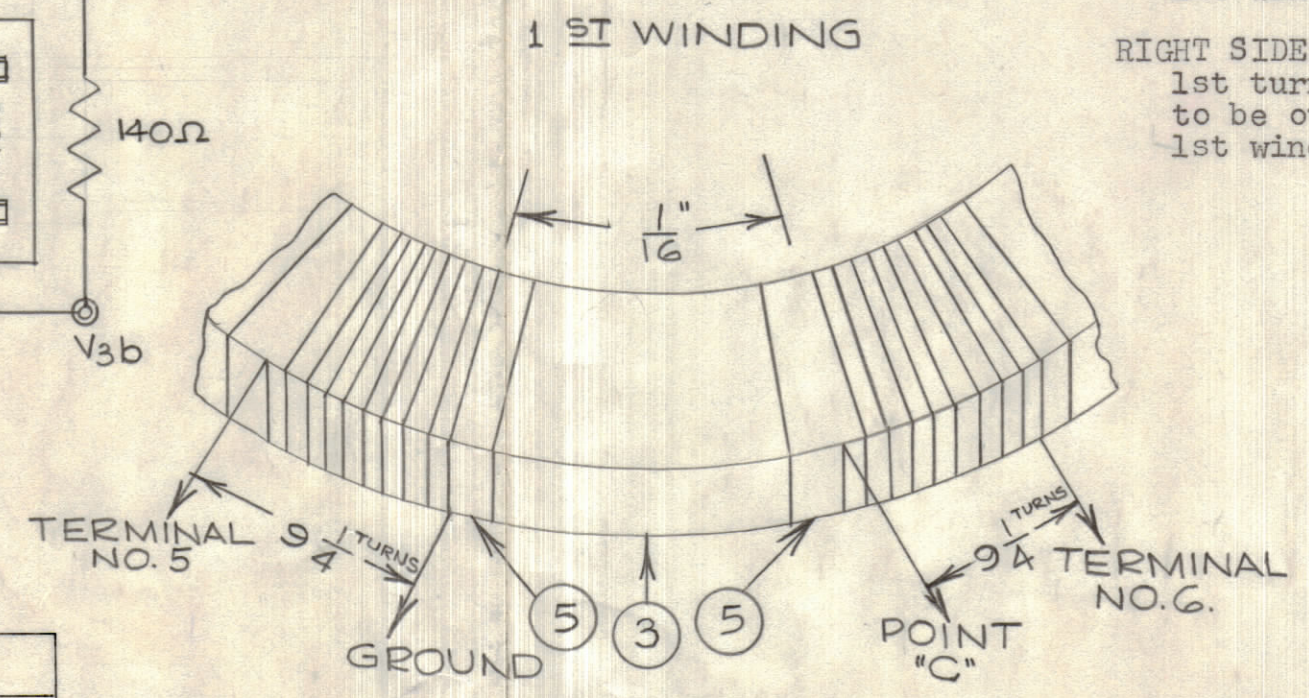
ALL FUSES 4A FAST-BLOW

© TEST POINT

- NOTE:**
1. ALL VOLTAGES MEASURED BETWEEN GROUND AND TEST POINTS.
 2. SET V_{1a} TO 1.00V AND MEASURE V_{2a} AND V_{3a} .
 3. SET V_{1b} TO 1.00V AND MEASURE V_{2b} AND V_{3b} .

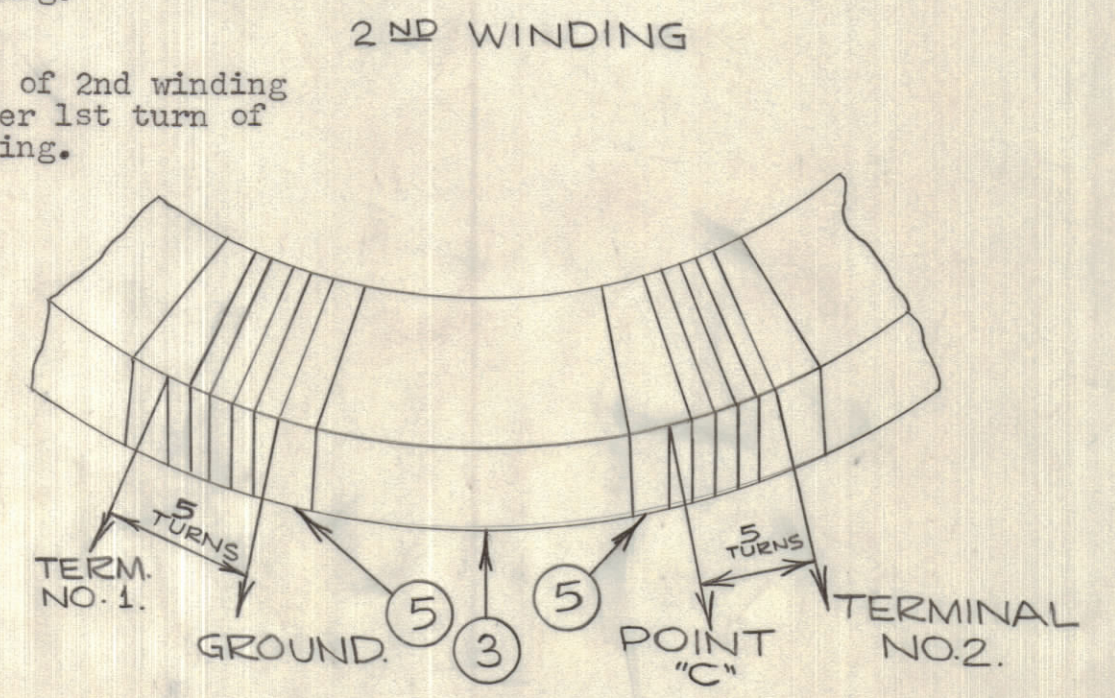
TRO89 TEST DATA

Mc/s	V_{1a}	V_{1b}	V_{2a}	V_{2b}	V_{3a}	V_{3b}
4	1.00	1.00	$0.50^{+0.01}_{-0.03}$	$0.50^{+0.01}_{-0.03}$	$0.27^{+0.02}_{-0.02}$	$0.27^{+0.02}_{-0.02}$
8	1.00	1.00	$0.50^{+0.01}_{-0.03}$	$0.50^{+0.01}_{-0.03}$	$0.27^{+0.02}_{-0.02}$	$0.27^{+0.02}_{-0.02}$
16	1.00	1.00	$0.50^{+0.01}_{-0.03}$	$0.50^{+0.01}_{-0.03}$	$0.27^{+0.02}_{-0.02}$	$0.27^{+0.02}_{-0.02}$
21	1.00	1.00	$0.50^{+0.01}_{-0.03}$	$0.50^{+0.01}_{-0.03}$	$0.27^{+0.02}_{-0.02}$	$0.27^{+0.02}_{-0.02}$

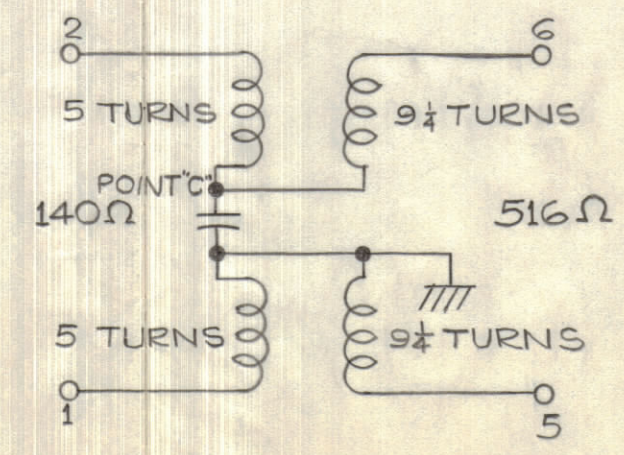


LEFT SIDE:
Last turn of 2nd winding to be over last turn of 1st winding.

RIGHT SIDE:
1st turn of 2nd winding to be over 1st turn of 1st winding.



* **NOTE:** WEIGHT OF RESIN ONLY - 260 gm.



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TOLERANCES		SCALE: NTS
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

TRO89	E 2570-2	JUNE 28/61
MODEL	PROJECT NO.	DATE
USED ON		

STOCK SIZE		TMC (Canada) LIMITED OTTAWA ONTARIO	
MATERIAL		ASSEMBLY OF TRO89	
TYPE & TEMPER		JPC	R. W. Thomas
HEAT TREAT. SPEC.		FILE	MECH. DES. APP.
FINISH & SPEC. NO.		CHECKED	FINAL APPROVAL
		A10329 A	