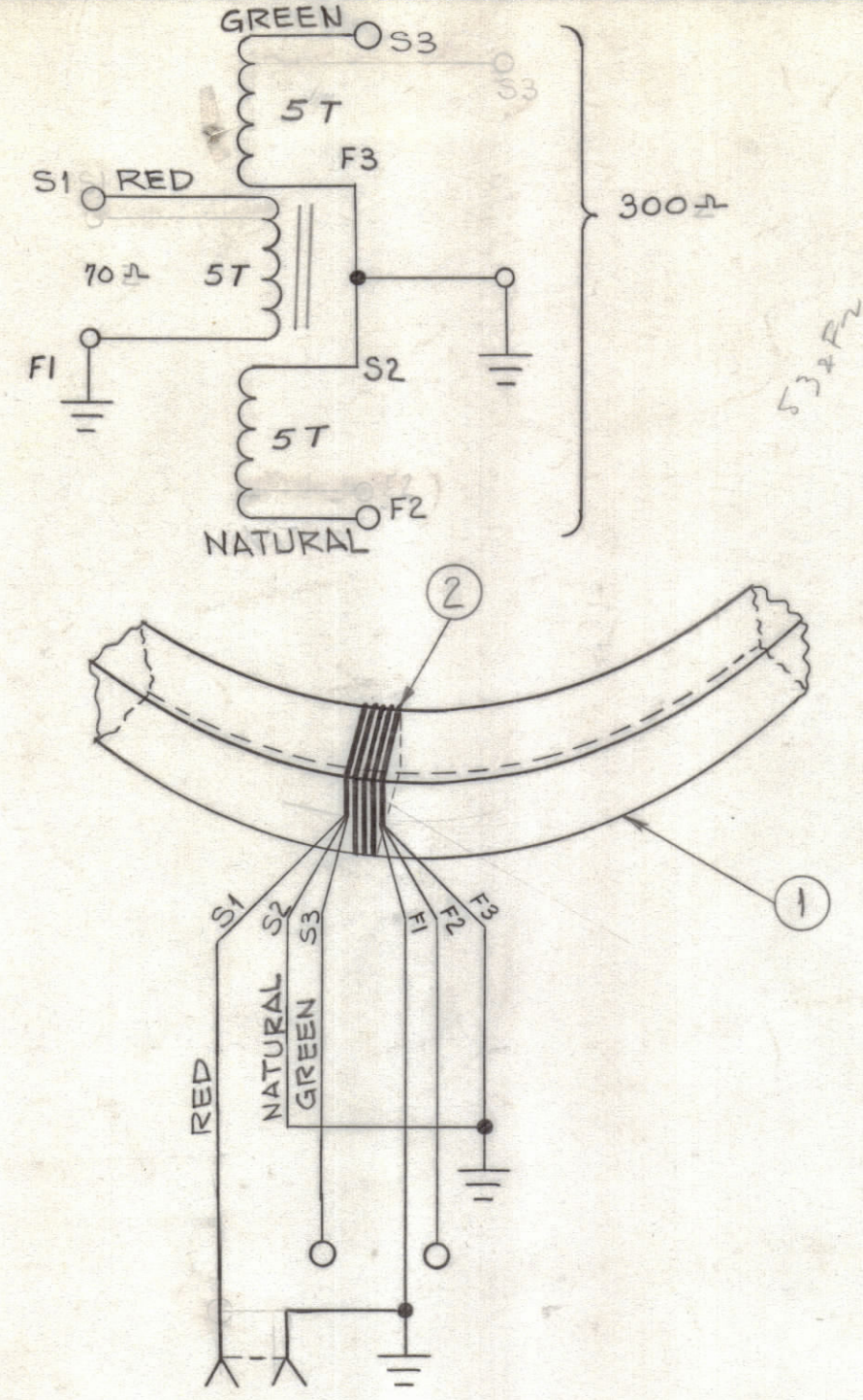
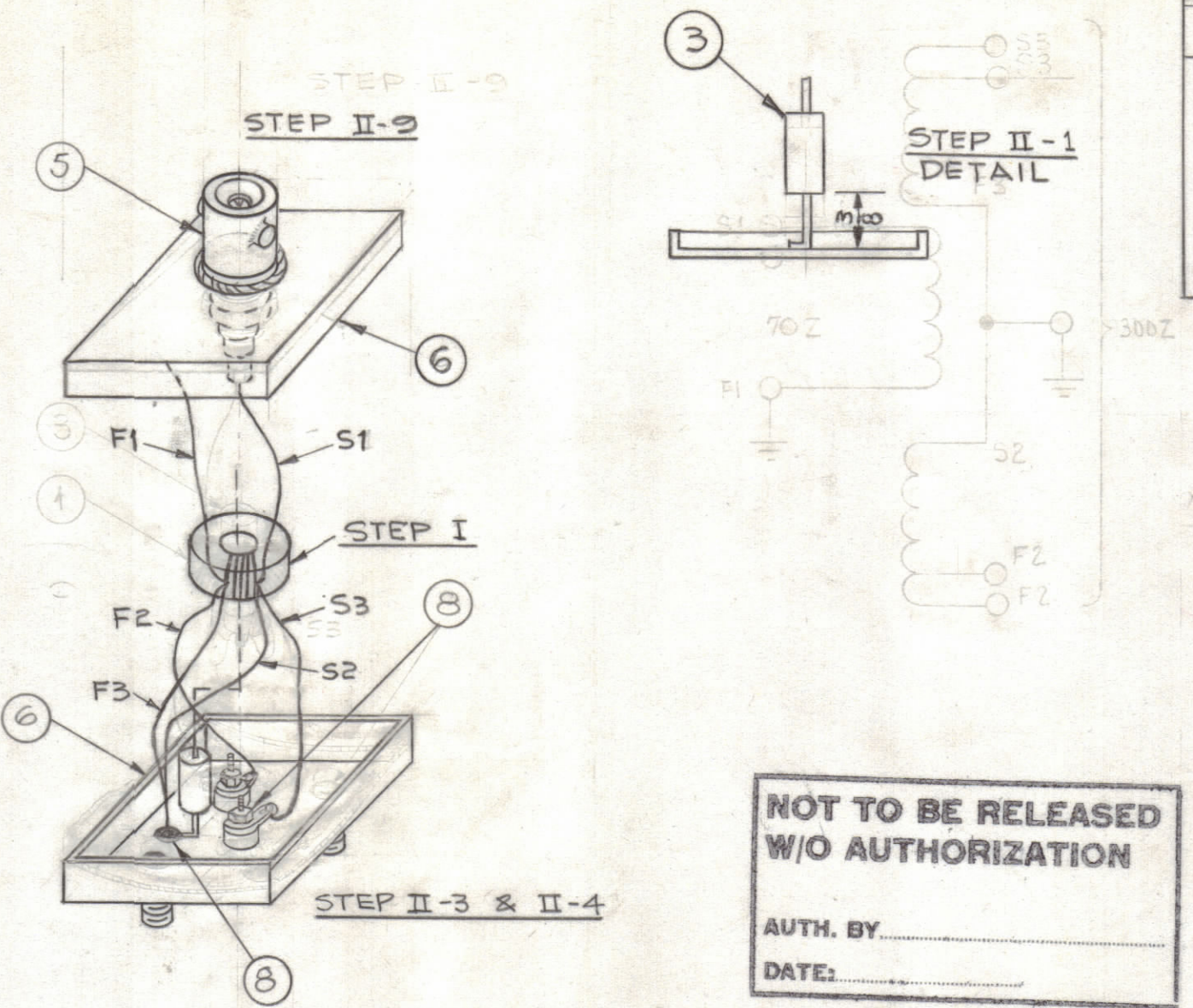


REVISIONS							
ZONE	SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
3B	A	ITEM(3) WAS RC30GF102K	8-19-63	7253	AK		
	B	NOTES REVISED, IN SCHEM COLOR ADDED, STEP II-1 DET ADDED ITEMS 9 & 10 ADDED, IN BUILD-UP DESCR & P.NOS UP-DATED	8-27-63	9830	AK	JAG	JAG



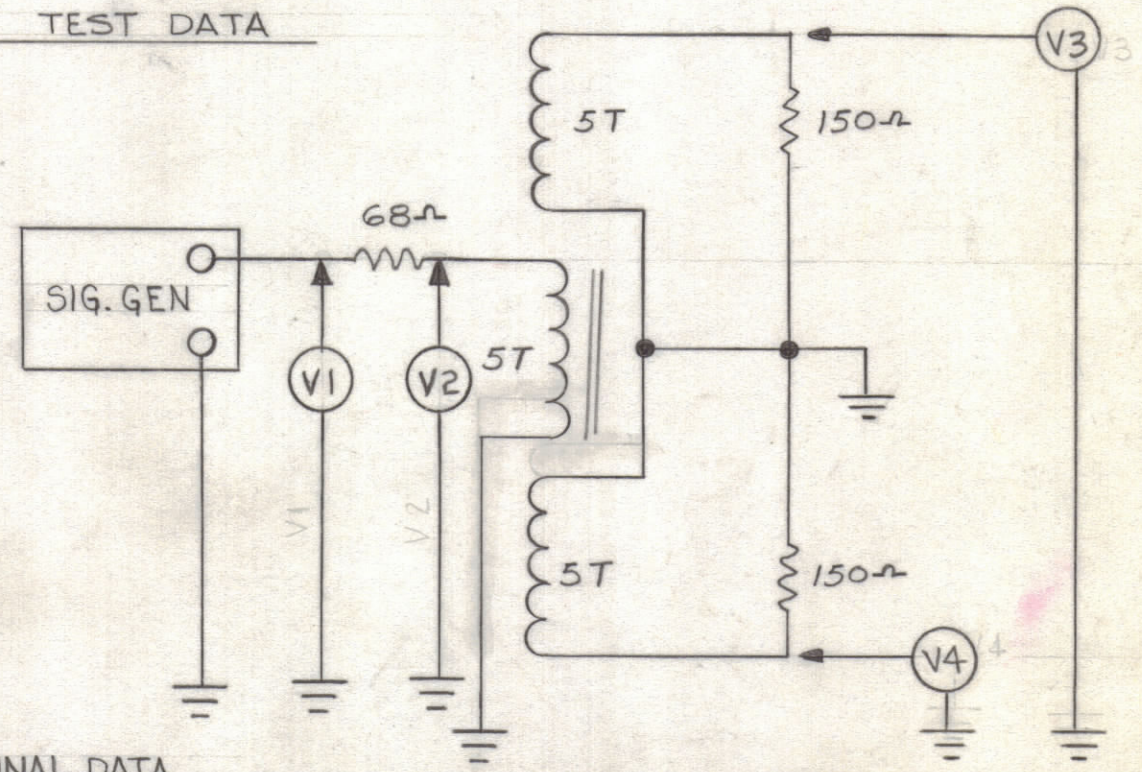
STEP I

- 1 - WINDING, AS ABOVE, ALL THREE WIRES AT THE SAME TIME. 5 TURNS TIGHT AS POSSIBLE (DO NOT CROSS WINDINGS)
- 2 - ALL LEADS TO BE APPROX. 2" LONG.
- 3 - COAT COIL WITH GL-102 (ITEM 4)



STEP II

1. SOLDER ITEM 3 TO BOTTOM COVER AS SHOWN IN DETAIL.
2. SLIP STEP I ASS'Y OVER ITEM 3. CONNECTIONS AS SHOWN. KEEPING
3. SOLDER S2 & F3 TO BOTTOM COVER COVER, USING RESISTOR LEAD AS
4. SOLDER S3 & F2 TO TERMINALS.
5. SOLDER BOTTOM COVER IN PLACE.
6. TEST ACCORDING TO TEST DATA.
7. USING GL-126 (ITEM 7) POT TO WITHIN 1/4" OF TOP, LEAVING S1 & F1 EXPOSED.
8. ALLOW TO COOL. F1 EXPOSED TEMPERATURE (70°F).
9. SOLDER ITEM 5 TO TOP COVER.
10. SOLDER F1 TO TOP COVER.
11. SOLDER S1 TO ITEM 5.
12. SOLDER TOP COVER IN PLACE
13. SMOOTH ALL SEAMS.
14. TEST ACCORDING TO TEST DATA.

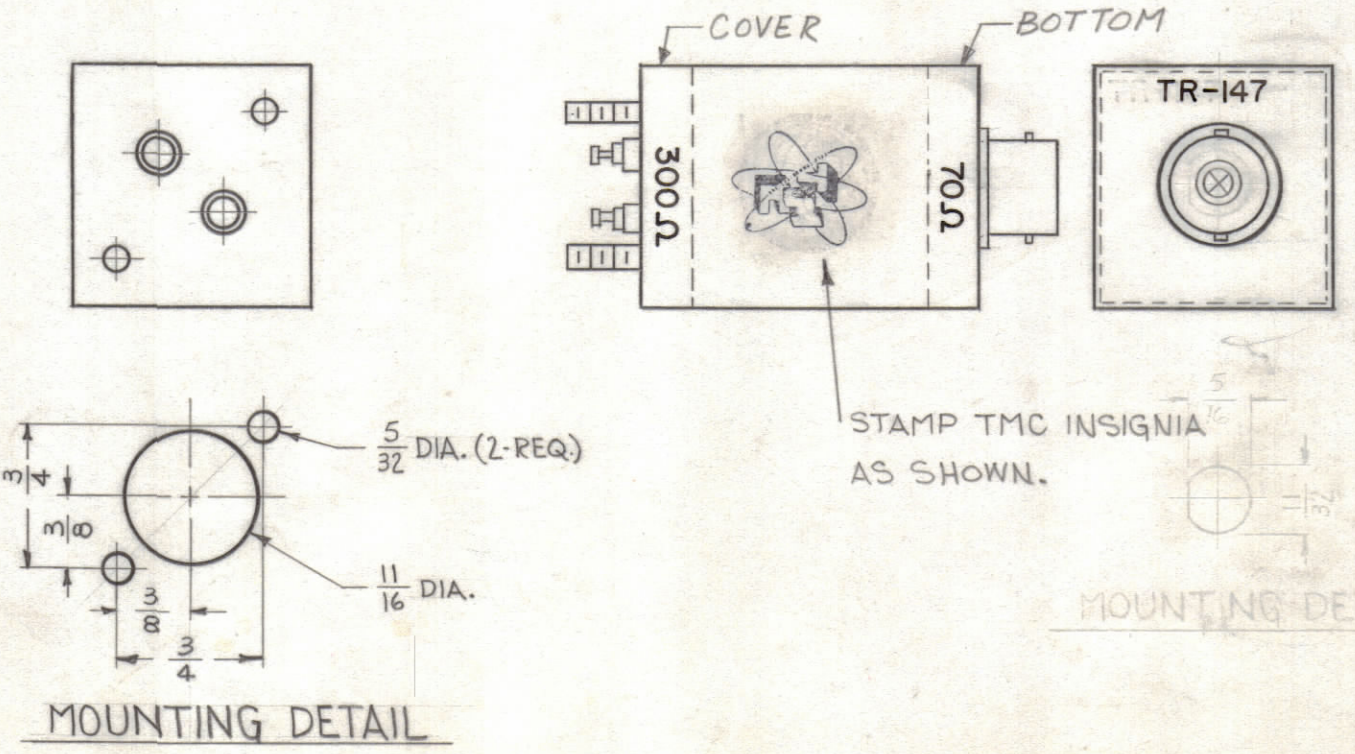


NOMINAL DATA

FREQ.	R.F. VOLTS			
	V1	V2	V3	V4
MCS				
0.5	1.0	0.34	0.33	0.33
1.0	1.0	0.42	0.41	0.41
2.0	1.0	0.46	0.44	0.44
4.0	1.0	0.47	0.46	0.46
8.0	1.0	0.48	0.46	0.46
16.0	1.0	0.47	0.46	0.46
32.0	1.0	0.45	0.42	0.46
40.0	1.0	0.44	0.38	0.38
50.0	1.0	0.42	0.32	0.32

STEP III

- 1 - CLEAN CASE. FINISH TOP & SIDES WITH T.M.C. S-115 SMOOTH GRAY ENAMEL (DO NOT PAINT STUD END)
- 2 - AFTER PAINTING, STAMP TOP & SIDE AS SHOWN, 1/8 HIGH BLACK GOTHIC.



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MAMARONECK, NEW YORK

NOTES

Q'TY./UNIT	MODEL USED ON	ASS'Y. NO.
SCALE	CODE	

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REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
X	10	WI-141-31-2	WIRE, MAGNET	RED
X	9	WI-141-31-5	WIRE, MAGNET	GREEN
X	8	BS-100	SOLDER, SOFT	
X	7	GL-126	COMPOUND, POTTING	
1	6	BX-185	CASE & COVER	
1	5	UG-604/U	CONNECTOR, RECEPTACLE, RF	
X	4	GL-102	ADHESIVE, Q-MAX	
1	3	RC32 GF102K	RESISTOR, FIXED, COMP.	
X	2	WI-141-31-9	WIRE, MAGNET	NATURAL
1	1	CI-115	CORE, TOROIDAL, RING TYPE	

GELLMAN		LIST OF MATERIAL	
MATERIAL		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
FINISH		TITLE TR-147 ASSEMBLY	
DRAWN	DATE	FINAL APPROVAL	DATE
CHECKED	DATE		
ELECT. DES.	DATE		
MECH. DES.	DATE		

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

DECIMALS: .X ± .05, .XX ± .01, .XXX ± .005
FRACTIONS: ± 1/64 ANGLES: ± 0° 30'

DATE: 7-17-62, 7-19-62, 7-19-62
SHEET: A-3069-B

A-3069 B