

~WINDING INSTRUCTION~

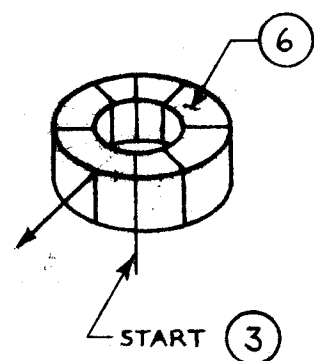


FIG. A

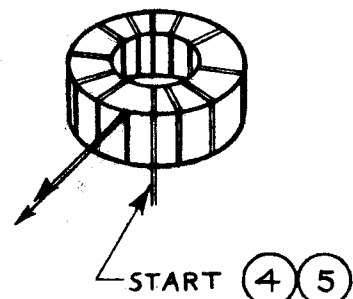


FIG. B

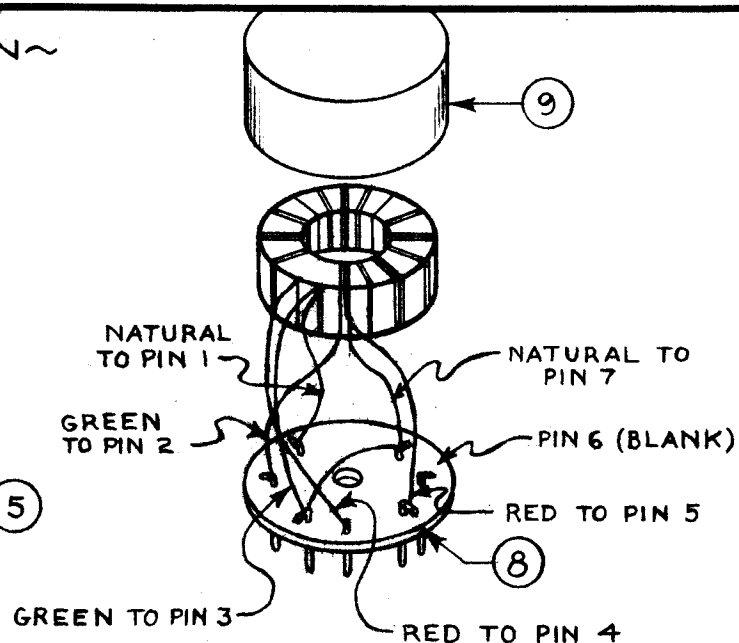
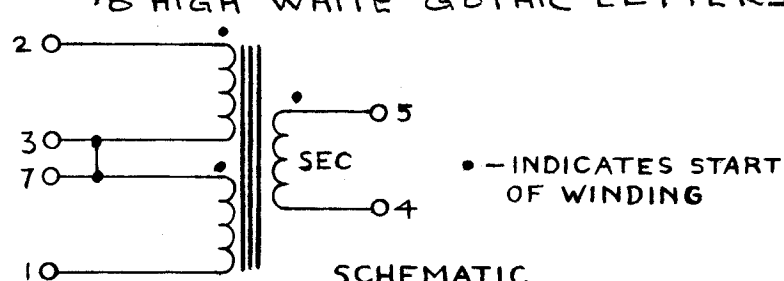


FIG. C

STEPS:

1. SEE FIG. "A" WIND SECONDARY FIRST, 7 TURNS EVENLY SPACED AROUND PERIMETER, USING ITEM ③ ON ITEM ⑥.
2. SEE FIG. "B" WIND BOTH PRIMARIES, 12 TURNS EACH, EVENLY SPACED AROUND PERIMETER, ON TOP OF & IN SAME DIRECTION AS SECONDARY, USING ITEMS ④ & ⑤.
3. COAT COIL HEAVILY WITH ITEM ②
- 3.(a) DRILL HOLE, #60 DRILL (.040) DIA., IN CENTER OF ITEM ⑧
4. STRIP & TIN LEADS TO 1 INCH OF COIL & SOLDER TO BASE OF ITEM ⑧
SEE FIG. "C".
5. CHECK FOR CONTINUITY & SHORTS AT BASE PINS, SEE FIG. "D".
6. USING ITEM ① FILL TOP COVER OF ITEM ⑨ TO WITHIN 1/2 INCH FROM TOP.
7. INSERT COIL & BASE INTO COVER.
8. WIPE OFF ANY EXCESS POTTING COMPOUND.
9. HEAT TO 200°F FOR 1 1/2 HOURS. REMOVE FROM HEAT & LET COOL TO ROOM TEMPERATURE.
10. REPEAT STEP #5.
11. SEE FIG. "E". STAMP WITH TMC PART NO. 1/8 HIGH WHITE GOTHIC LETTERS.



SCHMATIC
FIG. D

NOTES

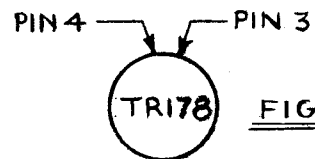


FIG. E

**NOT TO BE RELEASED
W/O AUTHORIZATION**

AUTH. BY.....
DATE:.....

1	TRX-1	ASS'Y. NO.
Q'TY./UNIT	MODEL USED ON	
SCALE	CODE	

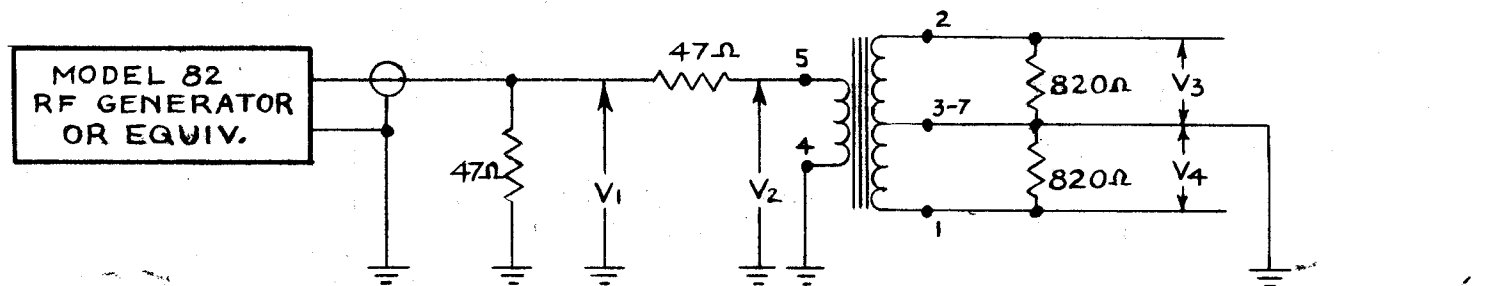
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A-3129 A

REVISIONS

SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
A	ADDED NOTE 3(a) & IN NOTE 6; 1/2" WAS 1/4"	3.5.64	10972	WFB	JOS	MM

FREQ	2 MC	5 MC	10 MC	20 MC	30 MC	40 MC
V1	1.0	1.0	1.0	1.0	0.5	0.5
V2	.50-.60	.50-.70	.50-.70	.50-.65	.20-.25	.15-.25
V3	1.0-1.5	1.1-1.5	1.1-1.5	1.3-1.5	.55-.75	.50-.75
V4	1.0-1.5	1.1-1.5	1.1-1.5	1.3-1.5	.55-.75	.50-.75



-TEST DATA-

VOLTMETER: HEWLET-PACKARD #410
BR OR EQUIV.

REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
	1	9	BX-204-1	CASE, CYLINDRICAL, PLASTIC
	1	8	PO-261-1	HEAD
X	7	BS-100	SOLDER, SOFT	
	1	6	CI-128-1	CORE, TOROID
X	5	WI-141-31-9	WIRE, ELECTRICAL MAGNET	NATURAL
X	4	WI-141-31-5	" "	GREEN
X	3	WI-141-31-2	" "	RED
X	2	GL-102	Q-MAX	
X	1	GL-126	COMPOUND POTTING	

LIST OF MATERIAL

MATERIAL	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
FINISH	TITLE TR-178 ASSY TRANSFORMER, RF			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	DRAWN <i>n. Pester</i>	DATE 11/27/62	FINAL APPROVAL <i>BP</i>	
	CHECKED	DATE 3-11-63	DATE 3-19-63	
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	TOLERANCES	FRACTIONS ± 1/64 ANGLES ± 0° 30'	A-3129	
ELECT. MECH.			DATE 3-19-63	REV. LTR. A