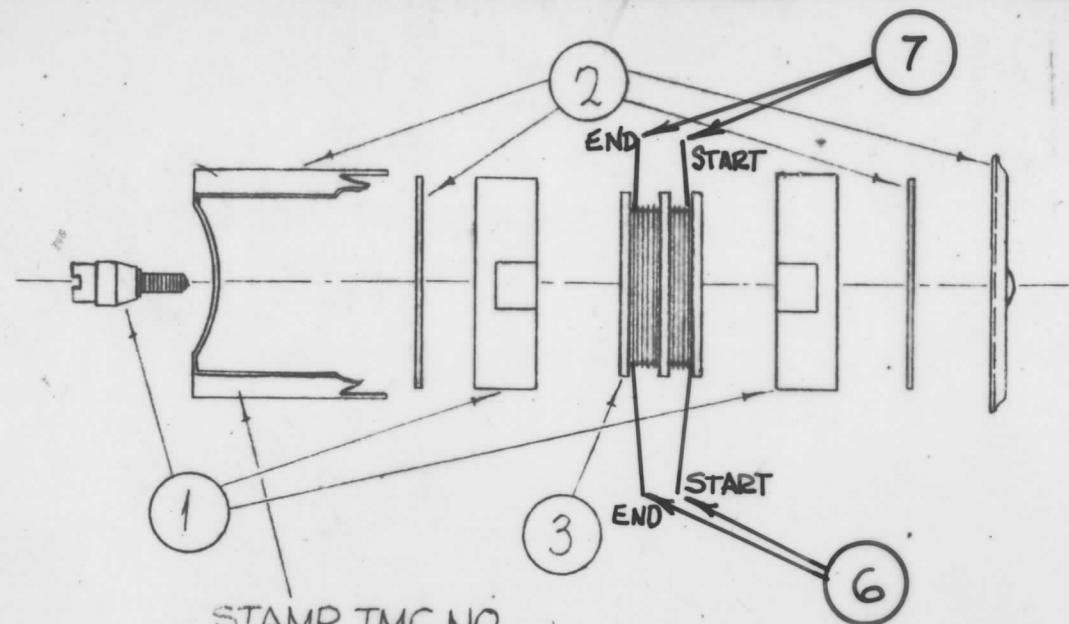


"Q" TEST FREQ.	"Q" MIN.	EXT. CAP. Q METER	NO. CODE	SYMBOL	INDUCTANCE 10KC BRIDGE
100 KCS	140	-4	-4	-4	10M. ±.1MH



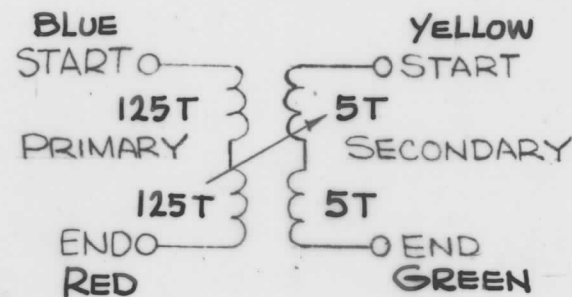
STAMP TMC NO.  
3/32 HIGH BLACK  
GOTHIC W/LATEST  
REVISION LETTER.

WINDING PROCEDURE

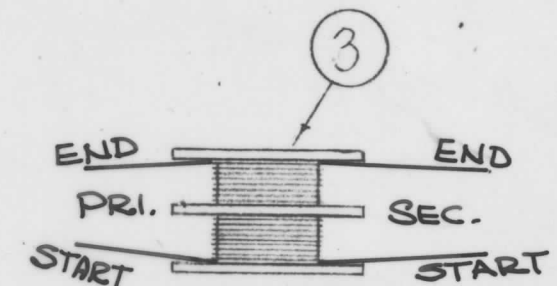
1. PRIMARY WIND 250 TURNS OF ITEM 6 ON ITEM 3, STAKE WITH ITEM 5.
2. SECONDARY WIND 10 TURNS OF ITEM 7 ON ITEM 3, STAKE WITH ITEM 5.
3. ITEM 3 IS A SPLIT BOBBIN, DIVIDE TURNS EVENLY ON BOTH SIDES, PRIMARY AND SECONDARY.
4. KEEP ALL LEADS 1 1/2" LONG.
5. STRIP AND TIN ALL LEADS TO WITHIN 3/4" OF COIL.
6. COLOR CODE ALL LEADS AS SHOWN IN WIRING DETAIL.
7. BAKE COIL FOR 15 MINUTES AT 150° F. REMOVE FROM OVEN AND COAT COIL WITH ITEM 4.
8. PLACE ITEM 3 INSIDE OF ITEM 1 AND ASSEMBLE AS PER ASSEMBLY DRAWING.
9. BEND THE 4 SMALL TABS DOWN.
10. ~~DELETED~~
11. STAMP TMC PART NO. AS SHOWN.
12. TEST INDUCTANCE AND "Q" AS SHOWN ABOVE.
13. BAKE COMPLETED ASSEMBLY FOR 1 HOUR AT 212°F.
14. REMOVE COMPLETED ASSEMBLY FROM OVEN AND ALLOW TO COOL TO ROOM TEMP.
15. REPEAT STEP #11.
16. TEST COIL WITH 1/4% 10KC UNIVERSAL BRIDGE (INDUCTANCE ONLY)
17. TUNE THE CORE INTO THE COIL TO REACH THE INDUCTANCE AS SHOWN ABOVE.
18. TEST COIL WITH "Q" METER TYPE 260A (FOR "Q" ONLY).
19. SET THE TEST FREQUENCY AS SHOWN ABOVE, AND SET THE (MULTIPLY "Q" BY) TO 2.
20. TUNE THE INDUCTANCE DIAL, TO REACH THE MAX. READING ON THE "Q" METER.

A3891

REVISIONS					
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD APPD
Ø	ORIGINAL RELEASE FOR PRODUCTION	5-20-65	M	HKA	



SCHEMATIC, DIAGRAM



WIRING DETAIL

REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
	8	BS-100	SOLDER, SOFT	
X	7	WI-141-36-2	WIRE, ELECTRICAL, MAGNET	
X	6	WI-141-36-9	WIRE, ELECTRICAL, MAGNET	
X	5	GL103	ADHESIVE-N-CEL	
X	4	GL130	ADHESIVE-Q-DOPE	
1	3	CF135-10	FORM, COIL, 3 FLANGE	
1	2	CU158	RETAINER	
1	1	CI137-2	CORE, ADJUSTABLE, TUNING	

MATERIAL		LIST OF MATERIAL			
FINISH		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
		TITLE TT 228 TRANSFORMER, RF, ADJUSTABLE			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		DRAWN H. Austin	DATE 5-20-65	FINAL APPROVAL <i>[Signature]</i>	DATE 5/25/65
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005		CHECKED <i>[Signature]</i>	DATE 5/21/65	SHEET A3891	
FRACTIONS ± 1/64 ANGLES ± 0° 30'		ELECT. DES. <i>[Signature]</i>	DATE	REV. LTR.	
TOLERANCES		MECH. DES.	DATE	SHEET	

1	VLRB-1	A3653
QTY./UNIT	MODEL USED ON	ASSY. NO.
SCALE	CODE	

NOTES

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