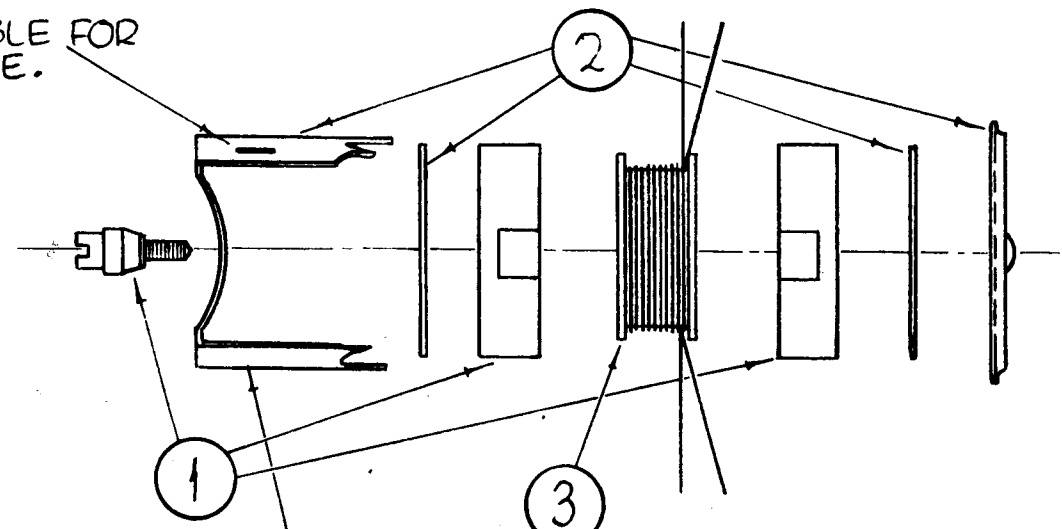


TEST FREQ.	INDUCTANCE	"Q"	BAND	NO. CODE	SYMBOL	EXT. CAP. Q METER	IND. 10 K.C. BRIDGE
100KC	155 MMfd	280		7	T1	10,000 MMfd	250 uh

REVISIONS					
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD APPD
X	EXPERIMENTAL RELEASE	9-22-64	X	SRG	
Ø	ORIGINAL RELEASE FOR PRODUCTION	9-23-64	Ø	PL	

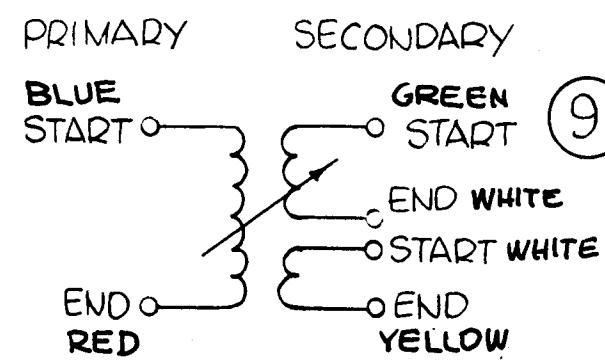
SEE TABLE FOR NO. CODE.



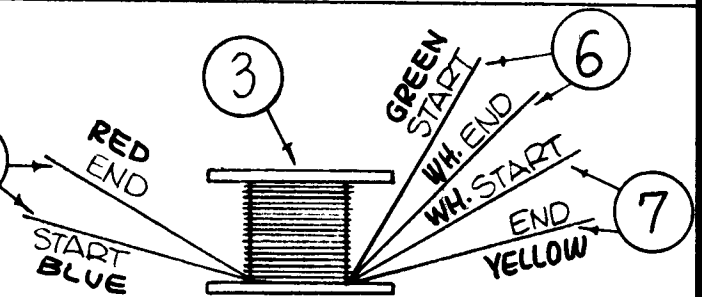
STAMP TMC NO. 3/32 HIGH BLACK GOTHIC WITH LATEST REVISION LETTER.

1. PRIMARY WIND 39 TURNS OF ITEM 9 ON ITEM 3 STAKE WITH ITEM 5.
2. SECONDARY, WIND 8 TURNS OF ITEM 6 AND ITEM 7 TOGETHER WITH BIFILAR, OVER PRIMARY AND IN THE SAME DIRECTION, STAKE WITH ITEM 5.
3. SECONDARY, WINDING MUST BREAK OUT FROM OPPOSITE SIDE OF PRIMARY.
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. TWIST TOGETHER THE TWO WHITE LEADS.
8. BAKE COIL FOR 15 MIN. AT 150°F REMOVE FROM OVEN AND COAT COIL WITH ITEM #4.
9. PLACE ITEM 3 INSIDE OF ITEM 1 AND ASSEMBLE AS PER ASSEMBLY DRAWING.
10. BEND THE FOUR SMALL TABS DOWN.
11. NO. CODE THE COIL ON THE SIDE AS SHOWN.
12. STAMP TMC PART NO. AS SHOWN.
13. TEST INDUCTANCE AND "Q" AS SHOWN ABOVE.
14. BAKE COMPLETED ASSEMBLY FOR ONE HOUR AT 212°F.
15. REMOVE COMPLETED ASSEMBLY FROM OVEN AND ALLOW TO COOL TO ROOM TEMPERATURE.
16. REPEAT STEP NO. 13.
17. TEST COIL WITH 1/4% 10KC UNIVERSAL BRIDGE. (THIS IS USED ONLY AS A SPOT CHECK).
18. TEST COIL WITH "Q" METER TYPE 260A.
19. TEST PRIMARY ONLY.
20. SET THE TEST FREQUENCY AS SHOWN ABOVE, AND SET THE OTHER DIAL FOR THE INDUCTANCE AS ABOVE.
21. SET THE (MULTIPLY "Q" BY) TO 2.
22. TUNE THE CORE IN TO THE COIL TO REACH THE MAX. READING ON THE Q METER.
23. USE FIXED MICA DIELECTRIC CAPACITOR ±1% ONLY.

A3855



SCHEMATIC, DIAGRAM



WIRING DETAIL

REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
X	9	WI-104-20/41 SNPQS	WIRE, ELECTRICAL, LITZ	
X	8	BS100	SOLDER, SOFT	
X	7	WI-141-40-5	WIRE, ELECTRICAL, MAGNET	GREEN
X	6	WI-141-40-2	WIRE, ELECTRICAL, MAGNET	RED
X	5	GL103	ADHESIVE, N-CEL	
X	4	GL130	ADHESIVE, Q-DOPE	
1	3	CF135-9	FORM, COIL, 2 FLANGE	
1	2	CUI58	RETAINER	
1	1	CI137-2	CORE, ADJUSTABLE, TUNING	

M.GELLMAN		LIST OF MATERIAL	
MATERIAL		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
FINISH		TITLE TT-227 TRANSFORMER, RF, ADJUSTABLE	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		DRAWN <i>SRG</i>	DATE 9-22-64
		CHECKED <i>@</i>	DATE 9-23-64
		ELECT. DES. <i>K</i>	DATE 9-23-64
		MECH. DES. <i>J.B.</i>	DATE
		FINAL APPROVAL <i>PL</i>	
		A3855	
		SHEET	
		REV. LTR.	

2	LFCA-1	A-3718
QTY./UNIT	MODEL USED ON	ASSY. NO.
SCALE	CODE	
	A	

**NOTES**

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