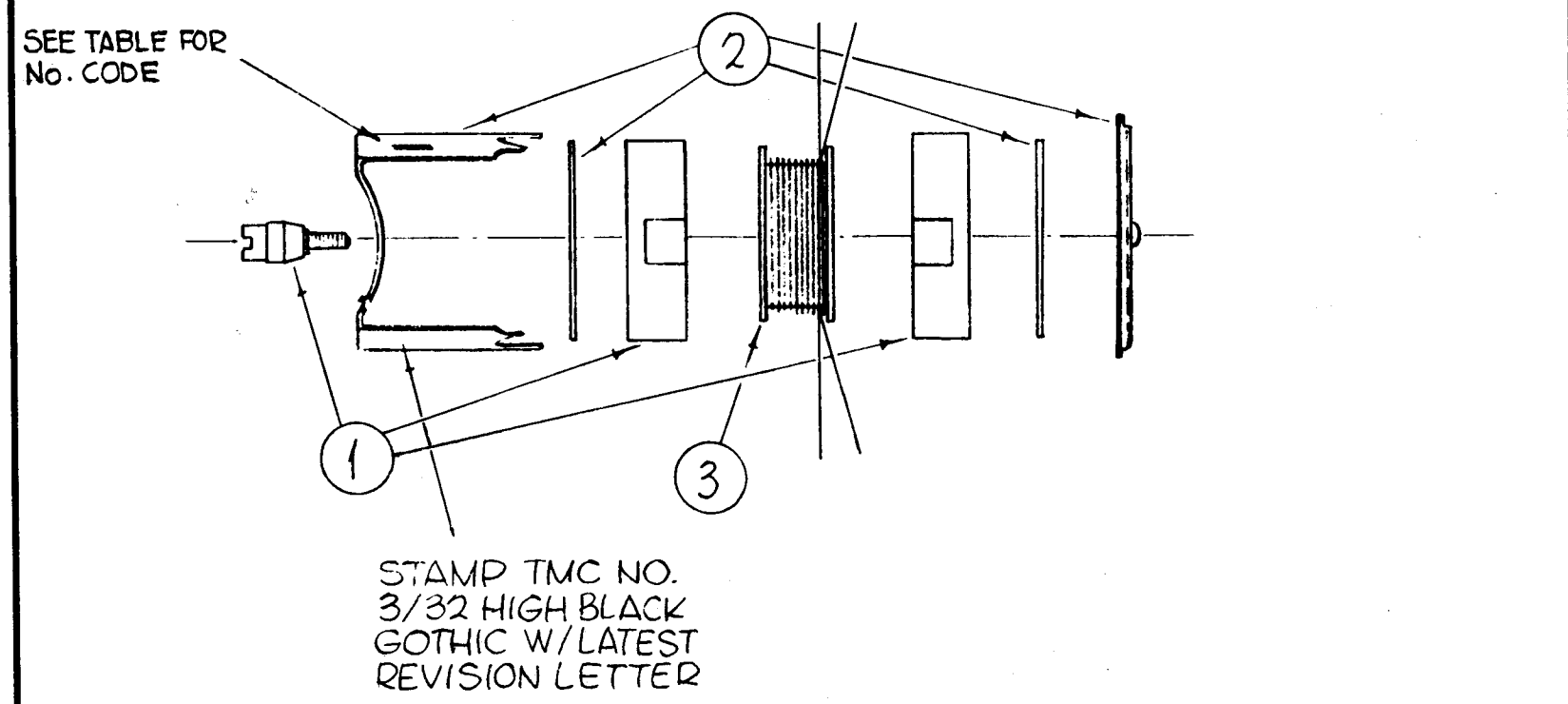
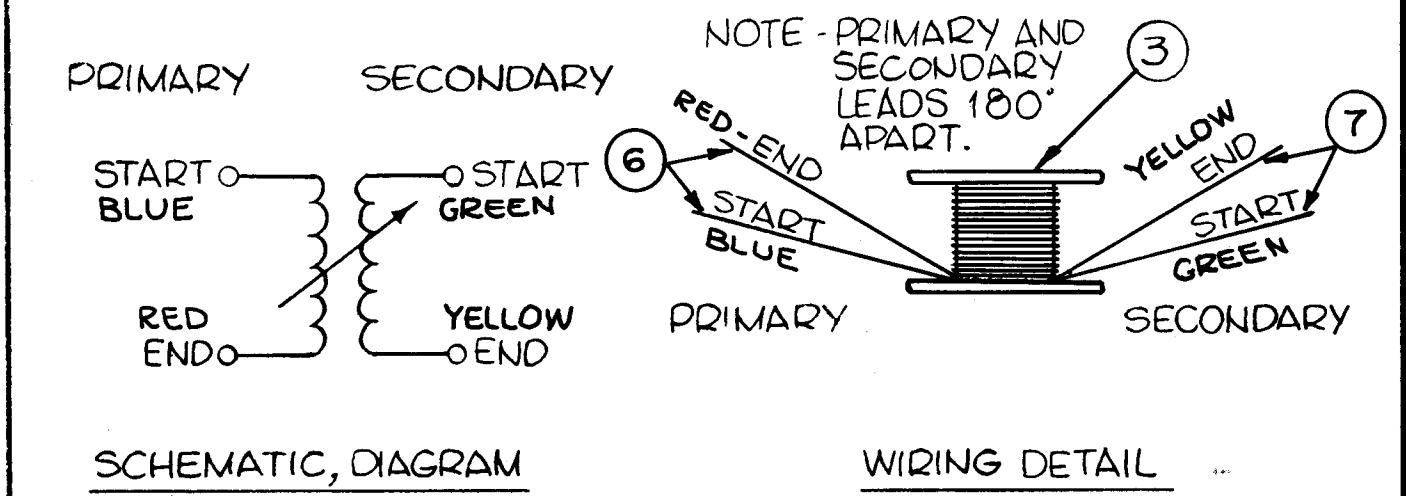


TEST FREQ.	INDUCTANCE	"Q"	BAND	NO. CODE	SYMBOL	EXT. CAP. Q METER	IND. 10K.C. BRIDGE
100KC	170 MMfd	280		1	T2	10,000 MMfd	250 uh

REVISIONS					
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD APPD
X	EXPERIMENTAL RELEASE	7-29-64	X	SRG	
Ø	ORIGINAL RELEASE FOR PRODUCTION	9-23-64	Ø	RL	



A3825



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

REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
X	8	BS-100	SOLDER, SOFT	
X	7	WI-141-32-2	WIRE, ELECTRICAL, MAGNET	RED
X	6	WI-104-20/41 SNPQS	WIRE, ELECTRICAL, LITZ	
X	5	GL103	ADHESIVE, N-CEL	
X	4	GL130	ADHESIVE, Q-DOPE	
1	3	CF135-9	FORM, COIL, 2 FLANGE	
1	2	CU158	RETAINER	
1	1	CI137-2	CORE, ADJUSTABLE, TUNING	

M. GELLMAN LIST OF MATERIAL			
MATERIAL		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
FINISH		TITLE TT 221 TRANSFORMER, R.F., ADJUSTABLE	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		DRAWN SRG DATE 7-29-64 CHECKED SRG DATE 9-23-64 ELECT. SRG DATE 9-23-64 MECH. DES. SRG DATE	FINAL APPROVAL RL DATE A3825 SHEET
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	TOLERANCES	FRACTIONS ± 1/64 ANGLES ± 0° 30'	REV. LTR.

2	LFCA-1	A-3718
Q'TY./UNIT	MODEL USED ON	ASS'Y. NO.
SCALE	CODE A	
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NOTES