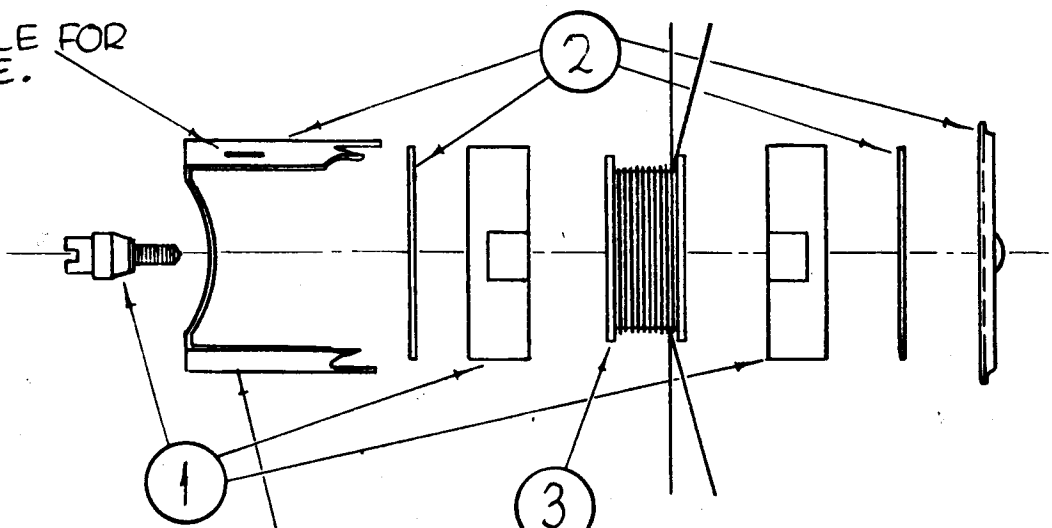


TEST FREQ.	INDUCTANCE	"Q"	BAND	NO. CODE	SYMBOL	EXT. CAP. Q METER	IND. 10K.C. BRIDGE
100KC	135 MMfd	280		5	T4	10,000 MMfd	250 uh

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	Ø	

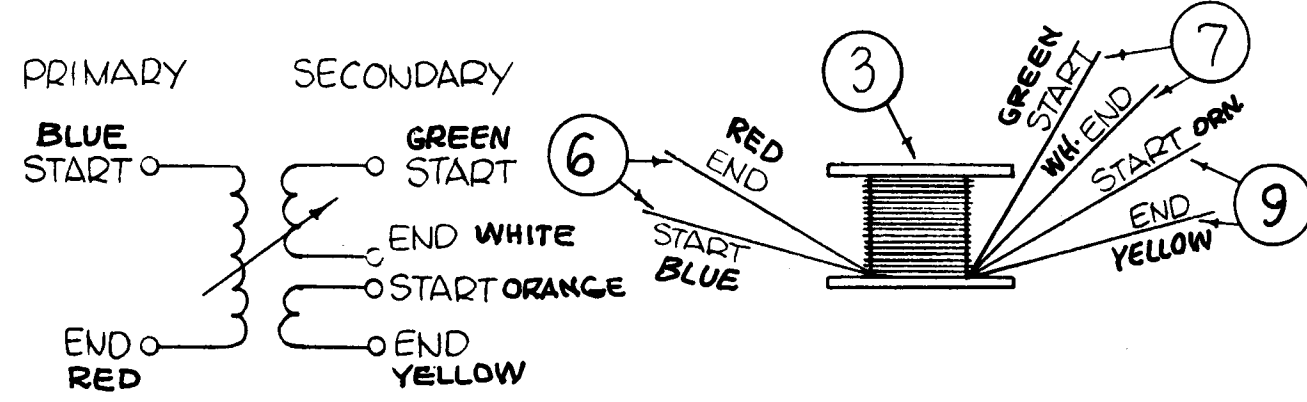
SEE TABLE FOR NO. CODE.



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

- PRIMARY WIND 39 TURNS OF ITEM 6 ON ITEM 3 STAKE WITH ITEM 5.
- SECONDARY, WIND 32 TURNS OF ITEM #7 AND ITEM #9 TOGETHER BIFILAR STAKE WITH ITEM #4.
- SECONDARY WINDING MUST BREAK OUT FROM OPPOSITE SIDE OF PRIMARY.
- KEEP ALL LEADS 1 1/2" LONG.
- STRIP AND TIN ALL LEADS TO WITHIN 3/4" OF COIL.
- COLOR CODE ALL LEADS AS SHOWN IN WIRING DETAIL.
- BAKE COIL FOR 15 MIN. AT 150°F REMOVE FROM OVEN AND COAT COIL WITH ITEM #4.
- PLACE ITEM 3 INSIDE OF ITEM 1 AND ASSEMBLE AS PER ASSEMBLY DRAWING.
- BEND THE FOUR SMALL TABS DOWN.
- NO. CODE THE COIL ON THE SIDE AS SHOWN.
- STAMP TMC PART NO. AS SHOWN.
- TEST INDUCTANCE, AND "Q" AS SHOWN ABOVE.
- BAKE COMPLETED ASSEMBLY FOR ONE HOUR AT 212°F.
- REMOVE COMPLETED ASSEMBLY FROM OVEN AND ALLOW TO COOL TO ROOM TEMPERATURE.
- REPEAT STEP NO. 12.
- TEST COIL WITH 1/4% 10KC UNIVERSAL BRIDGE. (THIS IS USED ONLY AS A SPOT CHECK).
- TEST COIL WITH "Q" METER TYPE 260A.
- TEST PRIMARY ONLY.
- SET THE TEST FREQUENCY AS SHOWN ABOVE, AND SET THE OTHER DIAL FOR THE INDUCTANCE AS ABOVE.
- SET THE (MULTIPLY "Q" BY) TO 2.
- TUNE THE CORE IN TO THE COIL TO REACH THE MAX, READING ON THE Q METER.
- USE FIXED MICA DIELECTRIC CAPACITOR ±1% ONLY.

A3853



SCHEMATIC, DIAGRAM

WIRING DETAIL

REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
X	9	WI-141-40-5	WIRE, ELECTRICAL, MAGNET	GREEN
X	8	BS100	SOLDER, SOFT	
X	7	WI141-40-2	WIRE, ELECTRICAL, MAGNET	RED
X	6	WI104-20/41 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	

<b>M GELLMAN</b>		<b>LIST OF MATERIAL</b>	
MATERIAL		THE TECHNICAL MATERIEL CORP.	
FINISH		MAMARONECK, NEW YORK	
		TITLE	
		TT- 225	
		TRANSFORMER, RF, ADJUSTABLE	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		DRAWN	DATE
		SRG	9-22-64
		CHECKED	DATE
		Ø	9-23-64
		ELECT. DES.	DATE
		WJ	9-23-64
		MECH. DES.	DATE
		Ø	
DECIMALS		FRACTIONS	
.X ± .05		± 1/64	
.XX ± .01		ANGLES	
.XXX ± .005		± 0° 30'	
TOLERANCES		A 3853	
		SHEET	
		REV. LTR.	

**NOTES**

1	LFCA-1	A-3719
Q'TY./UNIT	MODEL USED ON	ASS'Y. NO.
SCALE	CODE	
→	A	
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