

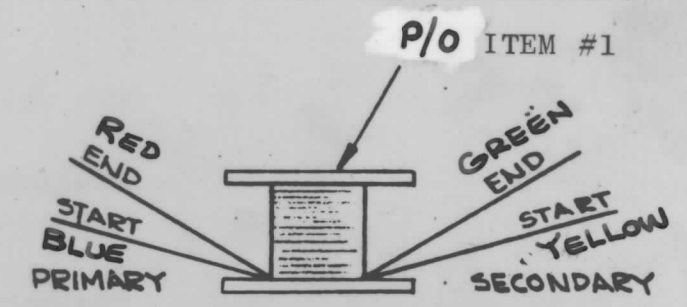
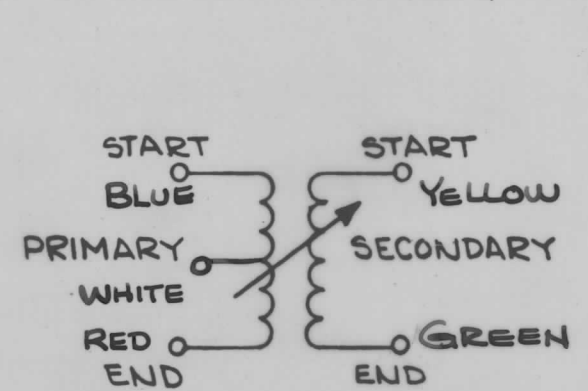
"Q" TEST FREQ.	"Q" MIN.	EXT. CAP. Q METER	NO. CODE	SYMBOL	INDUCTANCE "Q" METER 2.5 MHZ
2.5 Mc	15	—	—	T4	20 $\mu$ h $\pm$ 1.0 $\mu$ h

WINDING PROCEDURE

1. PRIMARY WIND 35 TURNS OF ITEM 3 ON ITEM 1, STAKE WITH ITEM 4.
2. SECONDARY- WIND 35 TURNS OF ITEM 2 OVER PRIMARY AND IN THE SAME DIRECTION STAKE WITH ITEM 4.
3. SECONDARY WINDING MUST BREAK OUT FROM OPPOSITE SIDE OF PRIMARY.
4. BAKE COIL FOR 15 MIN. AT 150°F, REMOVE FROM OVEN AND COAT COIL WITH ITEM #5.
5. COLOR CODE TERMINALS ON BASE AS SHOWN.
6. STRIP AND TIN LEADS TO WITHIN 1/4" OF COIL.
7. PLACE BOBBIN OVER SLUG ON BASE, TAKING CARE TO POSITION NOTCHES ON RAISED PART OF BASE.
8. SOLDER ALL LEADS TO PROPER COLOR-CODED TERMINALS ON BASE.
9. ASSEMBLE AS PER ASSEMBLY DRAWING, PLACE IN CASE; BEND THE 4 TABS DOWN IN THE NOTCHES.
10. DO NOT CUT OFF THE TWO LONG TABS.
11. CODE THE BASE, AS PER CHART.
12. STAMP TMC PART NO. AS SHOWN ABOVE.
13. TEST INDUCTANCE, AND Q AS SHOWN ABOVE. (W/O SLUG)
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. DELETED.
18. TUNE THE CORE INTO THE COIL TO REACH THE INDUCTANCE AS SHOWN ABOVE.
19. TEST COIL WITH "Q" METER 260A.
20. SET THE TEST FREQUENCY AS SHOWN ABOVE. AND SET THE (MULTIPLY "Q" ) TO 1.
21. TUNE THE INDUCTANCE DIAL. TO REACH THE MAX. READING ON THE "Q" METER.

A4272

REVISIONS						
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
X	EXPER. RELEASE	5-11-65	X	HCA		
O	ORIGINAL RELEASE FOR PRODUCTION	5-19-65	X	CJC		
A	Q MIN. WAS 20, ADDED FREQ. 2.5 MHZ IND. WAS 15.5 $\mu$ h $\pm$ 0.8 $\mu$ h.	7-19-64	16575	RME		
B	RELOC. TT259. LETTERING	12-7-66	17373	RME		



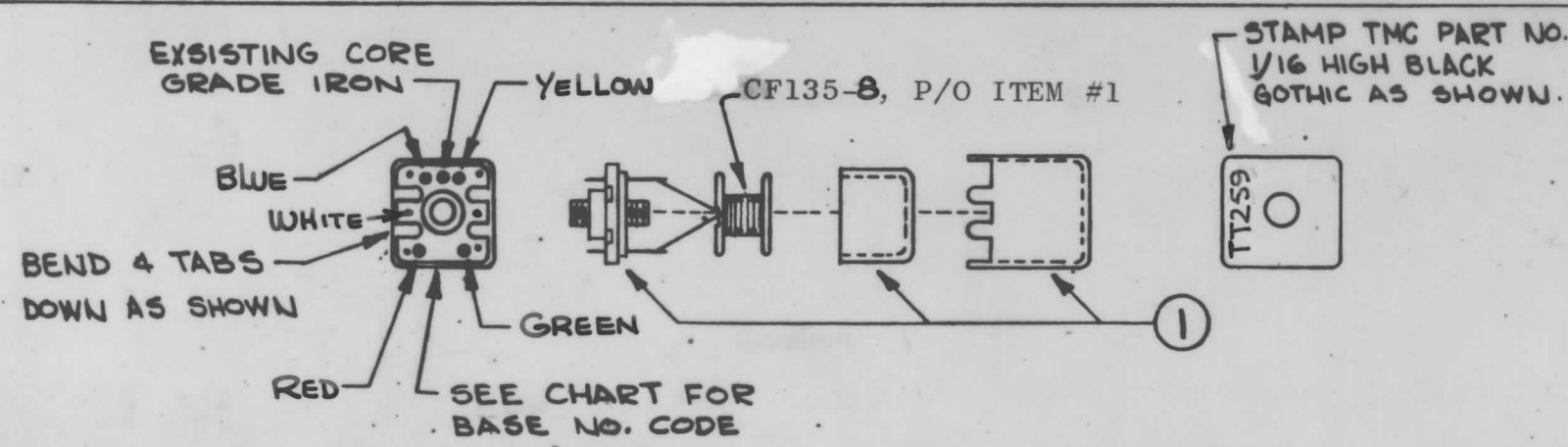
SCHMATIC DIAGRAM

WIRING DETAIL

NOT TO BE RELEASED W/O AUTHORIZATION

AUTH. BY \_\_\_\_\_

DATE: \_\_\_\_\_



REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
X	6	BS-100	SOLDER, SOFT	
X	5	GL-130	ADHESIVE, Q-DOPE	
X	4	GL-103	ADHESIVE, N-CEL	
X	3	WI-148-32-25	WIRE, ELECTRICAL, BIFILAR	
X	2	WI-141-32-5	WIRE, ELECTRICAL	
1	1	CI-136-3	CORE, ADJUSTABLE TUNING	

LIST OF MATERIAL			
MATERIAL	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
FINISH	TITLE TT259 ASS'Y. IF-T4		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	DRAWN A. Austin	DATE 5-11-65	FINAL APPROVAL M. May
DECIMALS .X $\pm$ .05 .XX $\pm$ .01 .XXX $\pm$ .005	CHECKED J. De	DATE 5/13/65	DATE 5/14/65
FRACTIONS $\pm$ 1/64 ANGLES $\pm$ 0° 30'	ELECT. DES. M. De	DATE 5/13/65	
TOLERANCES	MECH. DES.	DATE	
A4272		B	
SHEET		REV. LTR.	

NOTES

4	CMRA-1	A4220
QTY./UNIT	MODEL USED ON	ASS'Y. NO.
SCALE	CODE A	
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