

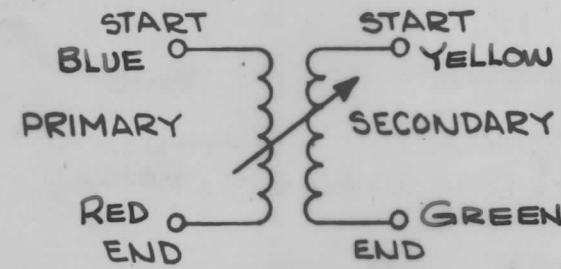
"Q" TEST FREQ.	"Q" MIN.	EXT. CAP. Q METER	NO. CODE	SYMBOL	INDUCTANCE "Q" METER 1.75 MHZ
1.75 MC	40	—	—	T1	10 $\mu$ h $\pm$ 1.0 $\mu$ h

WINDING PROCEDURE

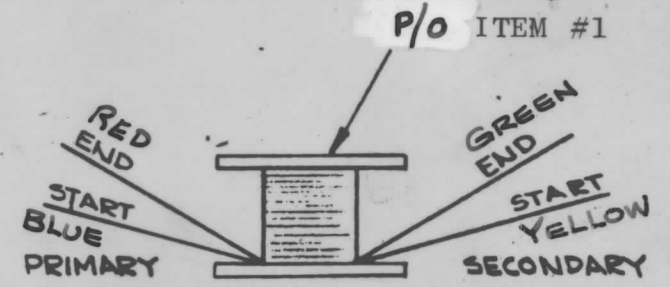
1. PRIMARY WIND 70 TURNS OF ITEM 3 ON ITEM 1, STAKE WITH ITEM 4.
2. SECONDARY - WIND 35 TURNS OF ITEM 2 OVER PRIMARY AND IN THE SAME DIRECTION STAKE WITH ITEM 4.
3. SECONDARY WINDING MUST BREAK OUT FROM OPPOSITE SIDE OF PRIMARY.
4. BAKE COIL FOR 15 MIN. AT 150°F, REMOVE FROM OVEN AND COAT COIL WITH ITEM #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.

B  
A4271

REVISIONS					
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD APPD
X	EXPER. RELEASE	5-11-65	X	HLA	
Ø	ORIGINAL RELEASE FOR PRODUCTION				
A	IND. TOL. FR. WAS 10 $\mu$ h $\pm$ 0.5 $\mu$ h ADDED 1.75 MHZ TO IND.	7-19-64	16575	RME	JCS
B	RELOC TT258 LETTERING	12-7-64	17373	RME	JCS

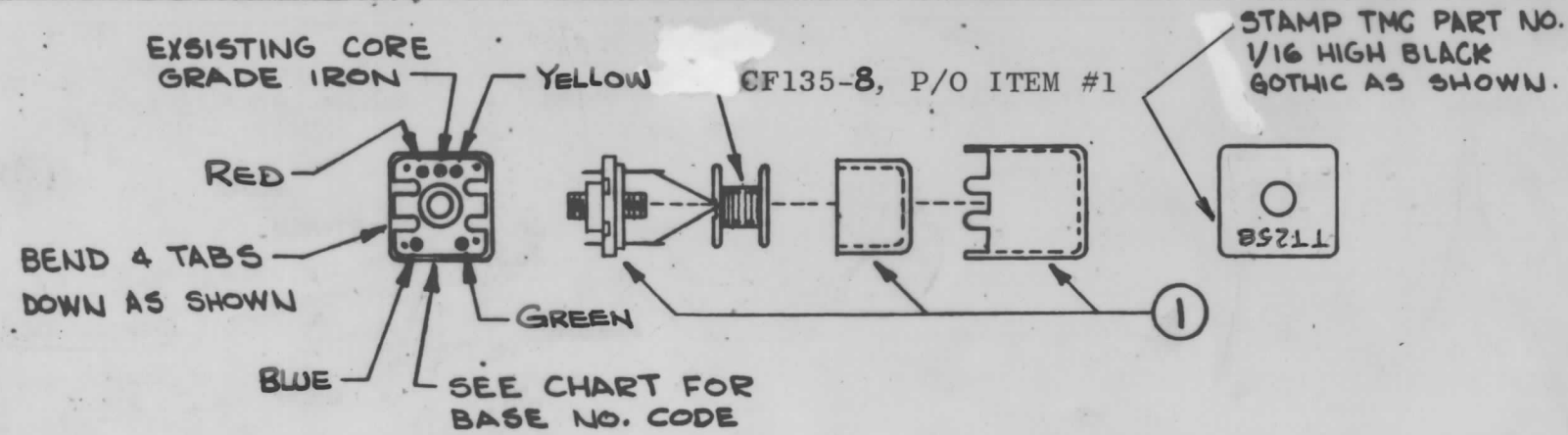


SCHMATIC DIAGRAM



WIRING DETAIL

NOT TO BE RELEASED  
W/O AUTHORIZATION  
AUTH. BY: \_\_\_\_\_  
DATE: \_\_\_\_\_



BEND 4 TABS DOWN AS SHOWN

SEE CHART FOR BASE NO. CODE

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

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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-104-743 SNQS	WIRE, ELECTRICAL,	
X	2	WI-141-32-5	WIRE, ELECTRICAL	
1	1	CI-136-2	CORE, ADJUSTABLE TUNING	

MATERIAL		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
FINISH		TITLE TT258 ASSY IF-T1			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		DRAWN H. Austin	DATE 5-11-65	FINAL APPROVAL M. H. King	
DECIMALS .X $\pm$ .05 .XX $\pm$ .01 .XXX $\pm$ .005		CHECKED K. A. De	DATE 5/13/65	DATE 5/14/65	
FRACTIONS $\pm$ 1/64 ANGLES $\pm$ 0° 30'		ELECT. DES. P	DATE 5/13/65	A4271	
TOLERANCES		MECH. DES.	DATE	SHEET	
				REV. LTR.	

NOTES