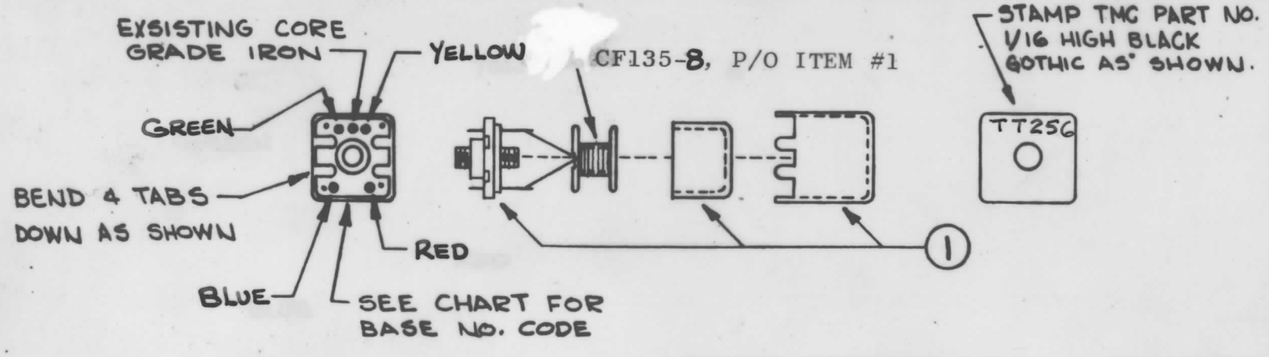
"Q" TEST FREQ.	"Q" MIN.	EXT. CAP. Q METER	NO. CODE	SYMBOL	INDUCTANCE "Q" METER 2.5 MHZ
2.5 MHZ	20	—	—	T1, T2	55 Uh ± 10.0 Uh.

WINDING PROCEDURE

1. PRIMARY WIND 100 TURNS OF ITEM 3 ON ITEM 1, STAKE WITH ITEM 4.
2. SECONDARY- WIND 50 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 ASSEMBLE 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.



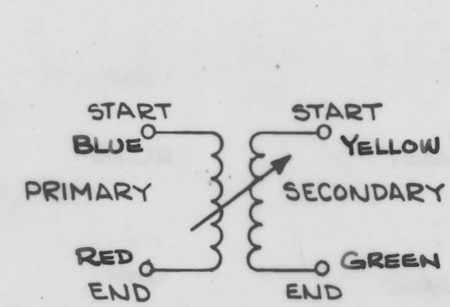
NOTES

1	CMRA-1	A4219
Q'TY./UNIT	MODEL USED ON	ASS'Y. NO.
SCALE	CODE	

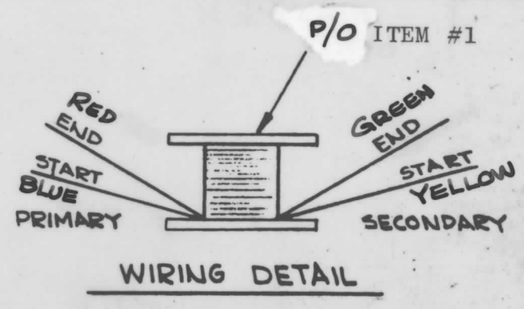
A4269 A

REVISIONS

SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
X	EXPER. RELEASE	5-11-65	X	HLA		
Ø	RELEASED FOR PRODUCTION	5/14	Ø			
A	Q TEST WAS 900 KC, IND. FR WAS 100 Uh ± 5%. ADDED IND FR. 2.5 MHZ STEP 1 WAS 110, STEP 2 WAS 55	7-18-66	16573	RME		



SCHEMATIC DIAGRAM



WIRING DETAIL

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	W1-104-743 SNQS	WIRE, ELECTRICAL,	
X	2	W1-141-32-5	WIRE, ELECTRICAL	
1	1	CI-136-2	CORE, ADJUSTABLE TUNING	

POSE — LIST OF MATERIAL

MATERIAL —

FINISH —

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

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

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

TITLE: TT-256 ASS'Y. OA-T1, OA-T2

DRAWN H. AUSTIN	DATE 5-11-65	FINAL APPROVAL	DATE 5/14/65
CHECKED	DATE 5-14-65		
ELECT. DES.	DATE 5/14/65	A4269	A
MECH. DES.	DATE	SHEET	REV. LTR.

TMC FORM 109

REPROVEL NO. 440H 18107