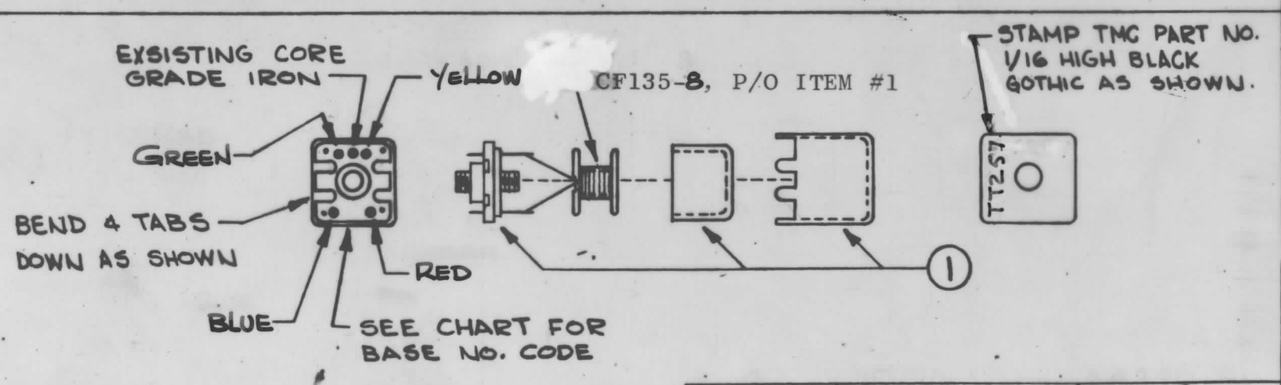
"Q" TEST FREQ.	"Q" MIN.	EXT.CAP. Q METER	NO. CODE	SYMBOL	INDUCTANCE "Q" METER 2.5 MHZ
2.5 MHZ	35	—	—	T3	800uh ± 10uh

WINDING PROCEDURE

1. PRIMARY WIND 127 TURNS OF ITEM 3 ON ITEM 1, STAKE WITH ITEM 4.
2. SECONDARY- WIND 9 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

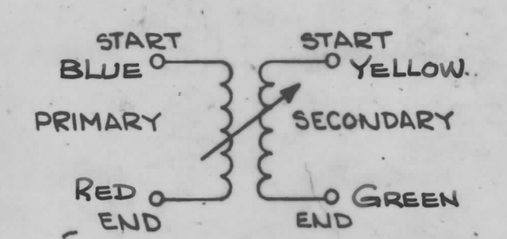
1	CMRA-1	A4219
Q'TY./UNIT	MODEL USED ON	ASS'Y. NO.

SCALE | CODE

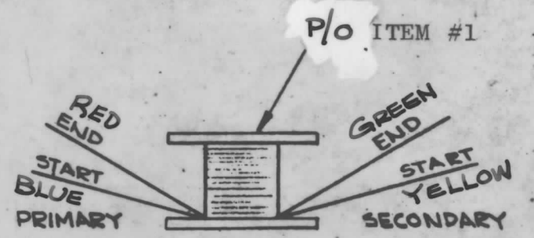
A4270

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				
A	Q TEST FREQ. WAS 900KC, ADDED "Q MIN 35 IND. WAS 100uh ± 5uh	7-19-66	16575	RME	JCB	
B	RELOC. TT257 LETTERING	12-7-66	17373	RME	JCB	



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	WI-104-743SNQS	WIRE, ELECTRICAL	
X	2	WI-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-257 ASS'Y OA-T3

DRAWN	H. Austin	DATE	5.11.65
CHECKED		DATE	5/14/65
ELECT. DES.		DATE	5/14/65
MECH. DES.		DATE	

FINAL APPROVAL — DATE 5/14/65

A4270 — B

SHEET — REV. LTR.

TMC FORM 109 — REPROVEL NO. 440H — 19107