| "Q" TEST FREQ.	"Q" MIN.	EXT.CAP. Q METER	NO. CODE	SYMBOL	INDUCTANCE "Q" METER 1.75 MHZ
1.75 MC	15	—	—	T5	9.5 uh ± 1.0 uh.

A4273 B

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 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.

SCHEMATIC DIAGRAM

WIRING DETAIL

P/O ITEM #1
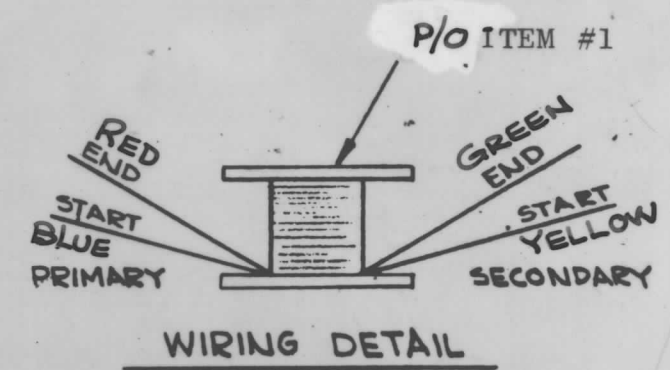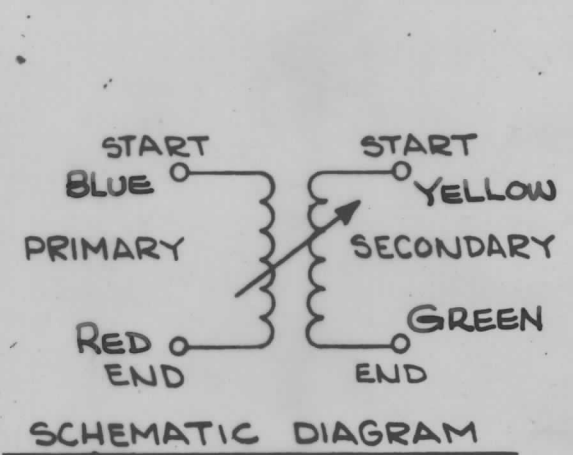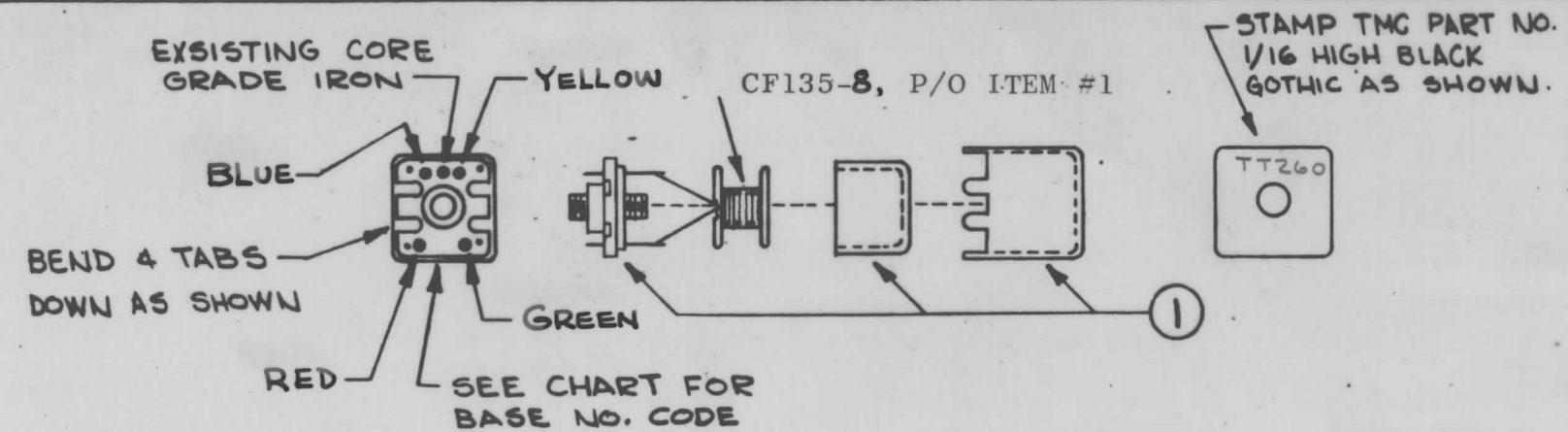
REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
X	6	BS-100	SOLDER, SOFT	
X	5	GL-130	ADHESIVE, Q-DOPE	
X	4	GL-103	ADHESIVE, N-CEL	
X	3	WI-141-32-9	WIRE, ELECTRICAL	
X	2	WI-141-32-5	WIRE, ELECTRICAL	
1	1	CI-136-2	CORE, ADJUSTABLE TUNING	

LIST OF MATERIAL

NOTES

EXSISTING CORE GRADE IRON — YELLOW

CF135-8, P/O ITEM #1

STAMP TMC PART NO. 1/16 HIGH BLACK GOTHIC AS SHOWN.

TT260

BLUE

BEND 4 TABS DOWN AS SHOWN

GREEN

RED

SEE CHART FOR BASE NO. CODE

4	CMRA-1	A4220
Q'TY./UNIT	MODEL USED ON	ASS'Y. NO.

SCALE | CODE A

POSE

MATERIAL —

FINISH —

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

TITLE **TT260 ASS'Y. IF-T5**

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

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

TOLERANCES

DRAWN H. AUSTIN — DATE 5/11/65
CHECKED — DATE 5/13/68
ELECT. DES. — DATE 5/13/65
MECH. DES. — DATE

FINAL APPROVAL — DATE 5/14/63

A4273 B

SHEET | REV. LTR.

TMC FORM 108   REPROVEL NO. 440H