

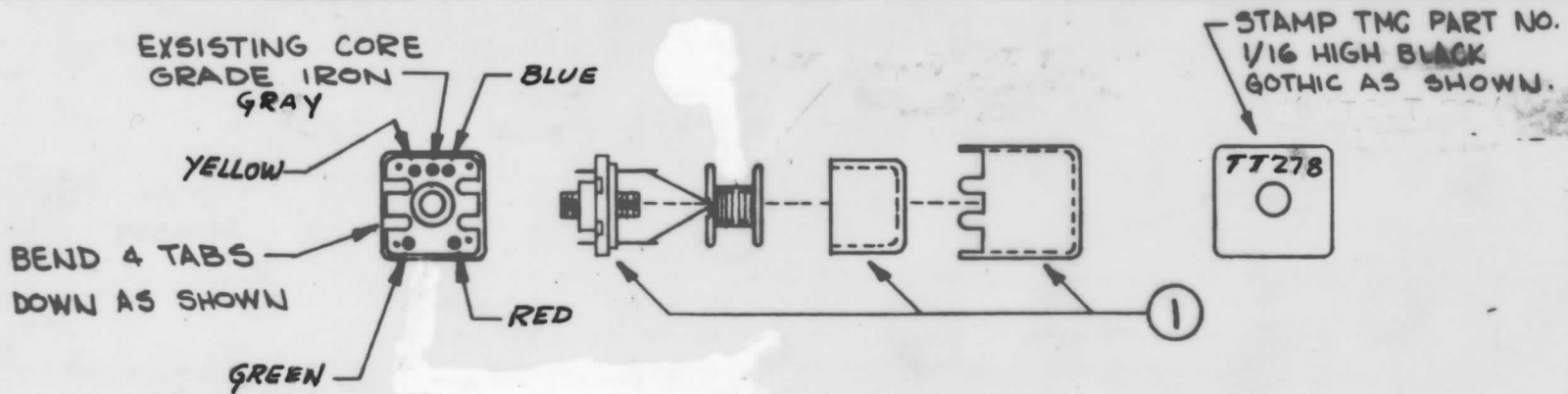
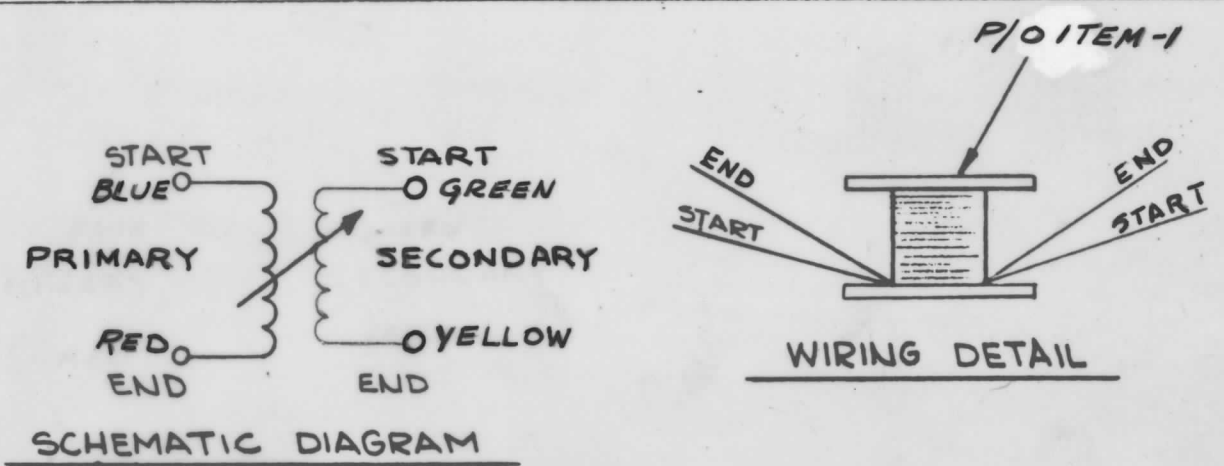
"Q" TEST FREQ.	"Q" MIN.	EXT. CAP. Q METER	NO. CODE	SYMBOL	INDUCTANCE 10KC BRIDGE
355 KHZ	20	2200 PF		T20, 2; T302	112 μ H \pm 20 μ H

WINDING PROCEDURE

1. PRIMARY WIND 84 TURNS OF ITEM 3 ON ITEM 1, STAKE WITH ITEM 4.
2. SECONDARY- WIND 336 TURNS OF ITEM 2 OVER AND IN THE SAME DIRECTION STAKE WITH ITEM
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 ITEM #2 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.
12. STAMP TMC PART NO. AS SHOWN ABOVE.
13. TEST INDUCTANCE, AND Q AS SHOWN ABOVE.
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.
18. TUNE THE CORE INTO THE COIL TO REACH THE INDUCTANCE AS SHOWN ABOVE.
19. TEST COIL WITH "Q" METER 260A (FOR "Q" ONLY).
20. SET THE TEST FREQUENCY AS SHOWN ABOVE. AND SET THE (MULTIPLY "Q" X) TO 1.
21. TUNE THE INDUCTANCE DIAL. TO REACH THE MAX. READING ON THE "Q" METER.

A4418

REVISIONS						
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
Ø	ORIGINAL RELEASE FOR PRODUCTION	2-11-66	Ø			File



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	WI104-3/43SNQS	WIRE, ELECTRICAL, LITZ	
X	2	WI104-3/43SNQS	WIRE, ELECTRICAL, LITZ	
1	1	CI-136-1	CORE, ADJUSTABLE TUNING	

LIST OF MATERIAL			
MATERIAL		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
FINISH		TITLE TT278 TRANSFORMER, RF, ADJUSTABLE	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		DRAWN J.L. DATE 10-20-62 CHECKED JCB DATE 2-15-66 ELECT. DES. JAB DATE 2-16-66 MECH. DES. DATE	FINAL APPROVAL [Signature] DATE 2/14/66 SHEET A4418 REV. LTR.

1	CDN-3	A4354
2	CDN-3	A4356
Q'TY./UNIT	MODEL USED ON	ASS'Y. NO.
SCALE	CODE	
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NOTES