

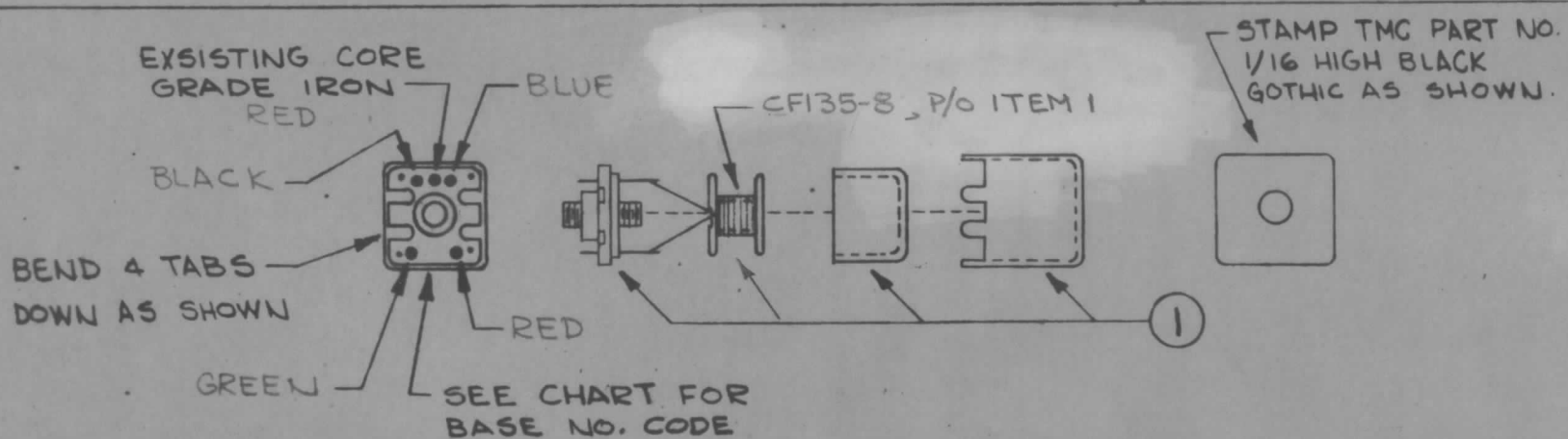
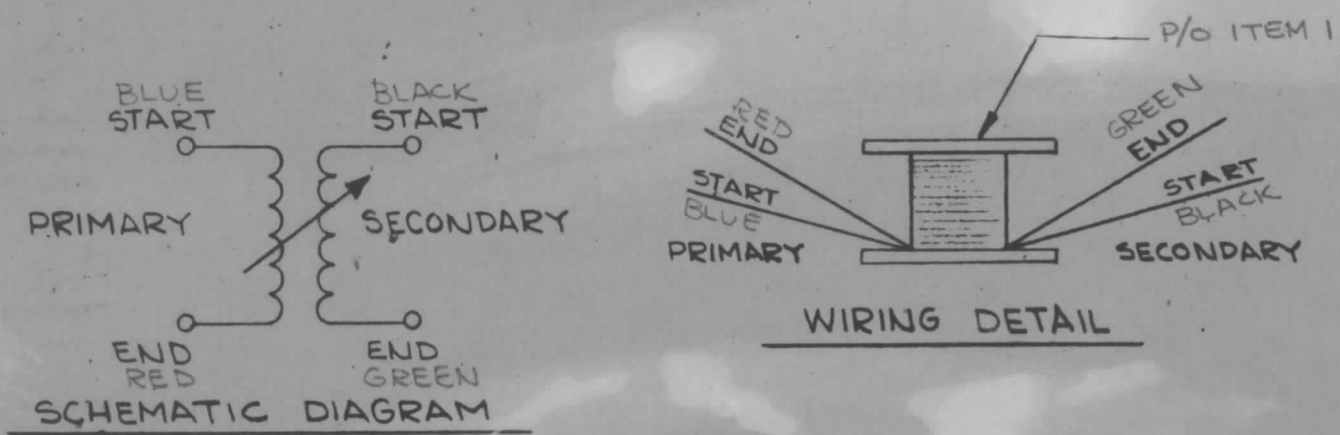
"Q" TEST FREQ.	"Q" MIN.	EXT. CAP. Q METER	NO. CODE	SYMBOL	INDUCTANCE 10KC BRIDGE
1 MC	40	1,000mmfd			25.3 $\mu$ h $\pm$ 5%

WINDING PROCEDURE

1. PRIMARY WIND 48 TURNS OF ITEM #3 ON ITEM #1, STAKE WITH ITEM #4,
2. SECONDARY- WIND 3 TURNS OF ITEM #7 OVER PRIMARY 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. CODE THE BASE, AS PER CHART.
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. TEST COIL WITH A 1/4% 10KC UNIVERSAL BRIDGE.
18. TUNE THE CORE INTO THE COIL TO REACH THE INDUCTANCE AS SHOWN ABOVE.
19. TEST COIL WITH "Q" METER TYPE 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.

A3968

REVISIONS					
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD APPD
X	EXPER. RELEASE	10-20-64	X	<i>[Signature]</i>	
X1	ITEM 2, CF135-8 DELETED	10-27-64	X1	<i>[Signature]</i>	
P	ORIGINAL RELEASE FOR PROD	4/14/66	Q	<i>[Signature]</i>	<i>[Signature]</i>



REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
X	7	WI141-34-5	WIRE, ELECTRICAL	GREEN
X	6	BS-100	SOLDER, SOFT	
X	5	GL-130	ADHESIVE, Q-DOPE,	
X	4	GL-103	ADHESIVE, N-CEL	
X	3	WI141-34-2	WIRE, ELECTRICAL	RED
<del>#</del>	2		<del>DELETED</del>	
1	1	CI-136-2	CORE, ADJUSTABLE TUNING	

M. GELLMAN LIST OF MATERIAL

THE TECHNICAL MATERIEL CORP.  
MAMARONECK, NEW YORK

TITLE: TT-252  
TRANSFORMER, R.F. ADJUSTABLE

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	DRAWN <i>[Signature]</i> DATE 10-20-64	FINAL APPROVAL <i>[Signature]</i> DATE 4/13/66
DECIMALS: .X $\pm$ .05, .XX $\pm$ .01, .XXX $\pm$ .005	CHECKED <i>[Signature]</i>	
FRACTIONS: $\pm$ 1/64, ANGLES: $\pm$ 0° 30'	ELECT. DES. DATE	
TOLERANCES	MECH. DES. DATE	

SHEET: A3968 REV. LTR.

NOTES

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