

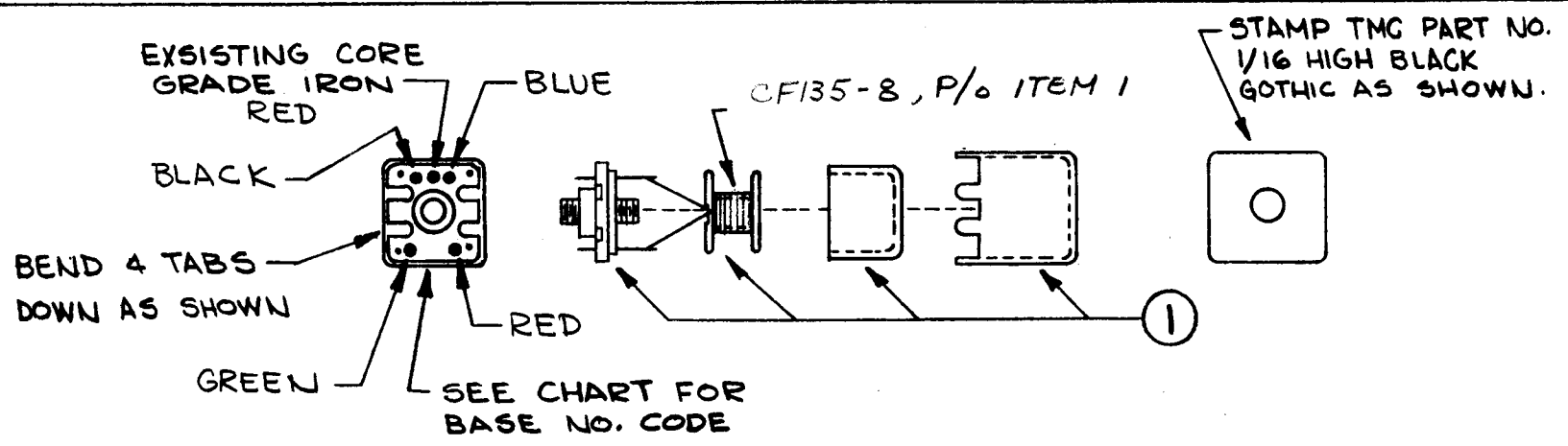
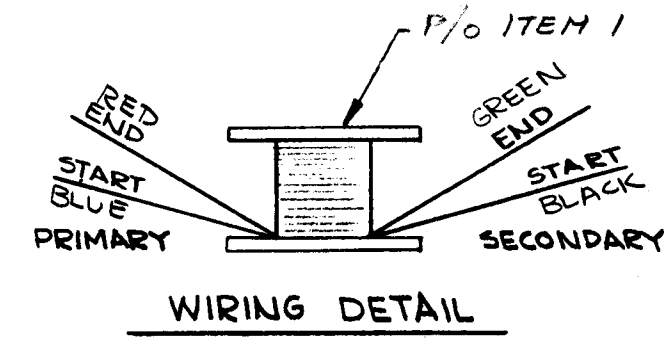
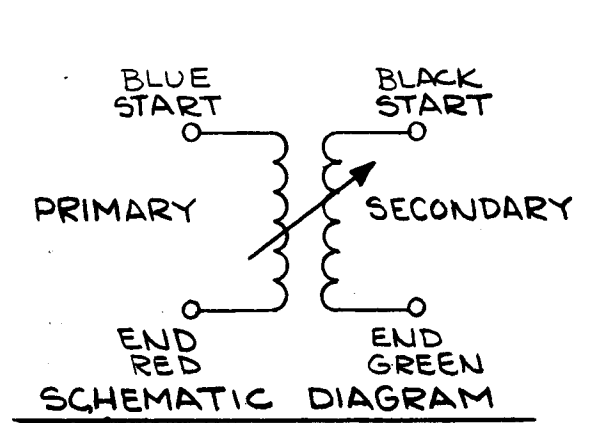
"Q" TEST FREQ.	"Q" MIN.	EXT. CAP. Q METER	NO. CODE	SYMBOL	INDUCTANCE 10KC BRIDGE
10MC	90				3 μ h \pm 5%

A3965

REVISIONS					
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD APPD
X	EXPER. RELEASE	10-20-64	X	<i>P. Sam</i>	
XI	ITEM 2, CF135-8 DELETED	10-27-64	X1	<i>P. Sam</i>	<i>HB</i>
\emptyset	ORIGINAL RELEASE FOR PRODUCTION	8/14/69	\emptyset		

WINDING PROCEDURE

1. PRIMARY WIND 17 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 #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 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.



REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
X	7	WI141-32-2	WIRE, ELECTRICAL	
X	6	BS-100	SOLDER, SOFT	
X	5	GL-130	ADHESIVE, Q-DOPE	
X	4	GL-103	ADHESIVE, N-CEL	
X	3	WI141-32-5	WIRE, ELECTRICAL	
X	2		ADHESIVE, N-CEL	
1	1	CI-136-4	CORE, ADJUSTABLE TUNING	

M. GELLMAN LIST OF MATERIAL

MATERIAL		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
FINISH		TITLE TT-249 TRANSFORMER, R.F., ADJUSTABLE	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	DRAWN <i>P. Sam</i>	DATE 10-20-64	FINAL APPROVAL <i>PM</i>
	CHECKED <i>10</i>	DATE 10-27-67	DATE 8/17/69
DECIMALS .X \pm .05 .XX \pm .01 .XXX \pm .005	TOLERANCES	FRACTIONS \pm 1/64 ANGLES \pm 0° 30'	ELECT. DES. DATE
NOTES		MECH. DES. DATE	
THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE OR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.		A3965	
		SHEET	
		REV. LTR.	