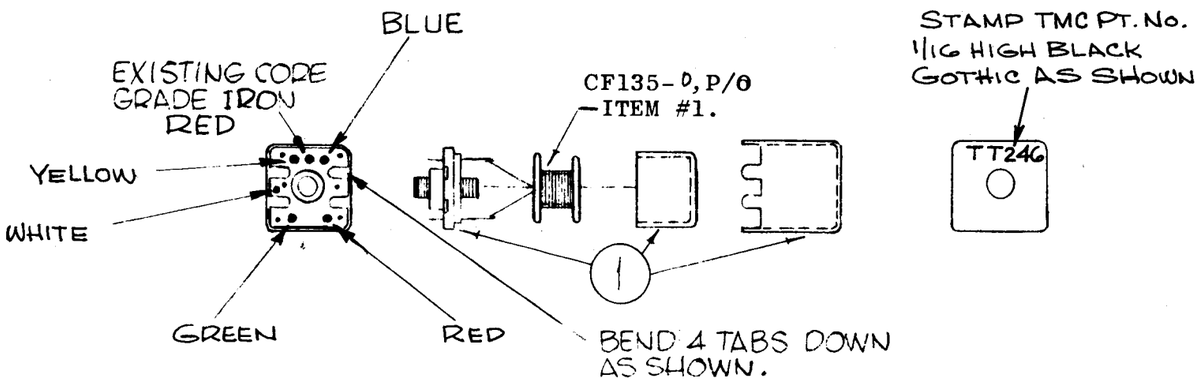
"Q" TEST FREQUENCY	"Q" MIN.	EXT. CAP. "Q" METER	NUMBER CODE	SYMBOL	INDUCTANCE 10KC BRIDGE
6.5 MC	35	—	—	—	4.1μh ± .5μh

WINDING PROCEDURE

1. PRIMARY WIND 20 TURNS OF ITEM 2 ON ITEM #1, STAKE WITH ITEM 3.
2. SECONDARY WIND 20 TURNS OF ITEM 2, 2 PIECES TOGETHER BIFILAR OVER PRIMARY AND IN THE SAME DIRECTION, STAKE WITH ITEM 3.
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 4.
5. COLOR CODE TERMINALS ON BASE AS SHOWN.
6. STRIP AND TIN LEADS TO WITHIN 1/4" OF COIL.
7. PLACE ITEM 1 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. DELETED.
12. STAMP TMC PART NO. AS SHOWN BELOW.
13. TEST INDUCTANCE, AND Q AS SHOWN ABOVE. SET INDUCTANCE FIRST.
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. (INDUCTANCE ONLY).
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" BY) TO 1.
21. TUNE THE INDUCTANCE DIAL TO REACH THE MAX. READING ON THE "Q" METER.



NOTES

2	LFSB-1	A3790
Q'TY./UNIT	MODEL USED ON	ASS'Y. NO.

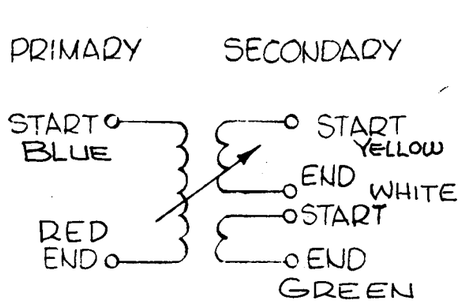
SCALE ---------- CODE A

Q

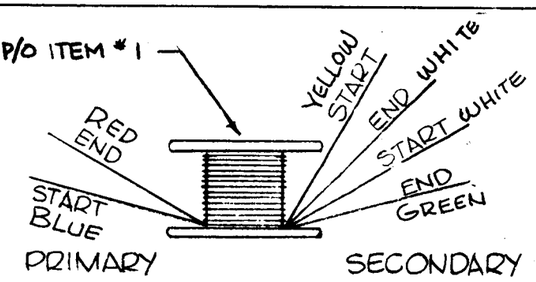
A3955

REVISIONS

SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
X	EXPER. RELEASE	3-25-65	X	HA		
Ø	ORIGINAL RELEASE FOR PRODUCTION	4.7.65	Ø			



SCHEMATIC, DIAGRAM



WIRING DETAIL

REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
X	5	BS 100	SOLDER, TIN ALLOY	
X	4	GL 130	ADHESIVE - Q-DOPE	
X	3	GL 103	ADHESIVE - N-CEL	
—	—	—	—	
X	2	WI-104-7/43 SNRS	WIRE, ELECTRICAL, LITZ	
1	1	CI 136-3	CORE, ADJUSTABLE TUNING	

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 246
TRANSFORMER, RF, ADJUSTABLE

DRAWN H. Austin	DATE 3.25.65	FINAL APPROVAL	DATE
CHECKED	DATE 3.29.65		
ELECT. DES. MAB	DATE		
MECH. DES.	DATE	SHEET A3955	REV. LTR. Ø