

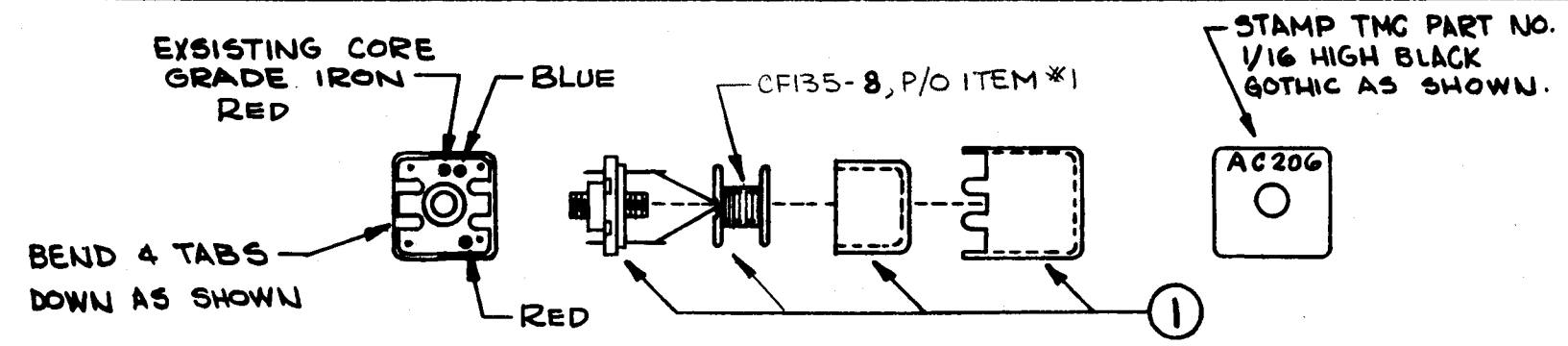
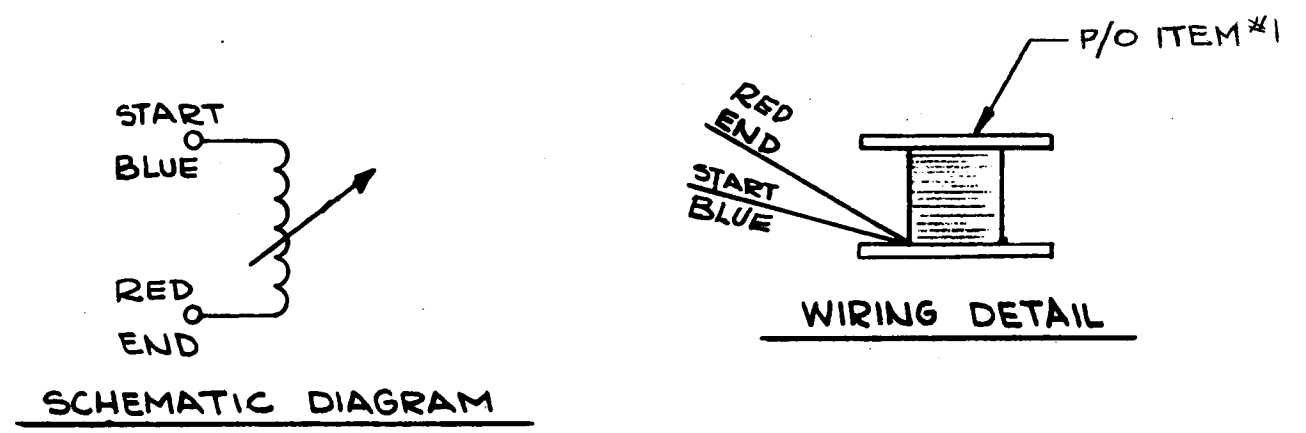
"Q" TEST FREQ.	"Q" MIN.	EXT. CAP. Q METER	NO. CODE	SYMBOL	INDUCTANCE 10KC BRIDGE
6.08 Mcs	130	—	—	—	5.5 μ h \pm .2 μ h

REVISIONS					
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD APPD
X	EXPER. RELEASE	3-18-65	X	HLA	JK
Ø	ORIGINAL RELEASE FOR PRODUCTION	4-7-65	Ø	Ø	Ø

A3952

WINDING PROCEDURE

- 1- WIND 21 TURNS OF ITEM 2 ON ITEM 1, STAKE WITH ITEM 3.
- 2- BAKE COIL FOR 15 MIN. AT 150°F, REMOVE FROM OVEN AND COAT COIL WITH ITEM 4.
- 3- COLOR CODE TERMINALS ON BASE AS SHOWN.
- 4- STRIP AND TIN LEADS TO WITHIN 1/4" OF COIL.
- 5- PLACE ITEM 1 OVER SLUG ON BASE, TAKING CARE TO POSITION NOTCHES ON RAISED PART OF BASE.
- 6- SOLDER ALL LEADS TO PROPER COLOR-CODED TERMINALS ON BASE.
- 7- ASSEMBLE AS PER ASSEMBLY DRAWING, PLACE IN CASE; BEND THE 4 TABS DOWN IN THE NOTCHES.
- 8- DO NOT CUT OFF THE TWO LONG TABS.
- 9- DELETED.
- 10- STAMP TMC PART NO. AS SHOWN ABOVE.
- 11- TEST INDUCTANCE, AND Q AS SHOWN ABOVE. SET INDUCTANCE FIRST.
- 12- BAKE COMPLETED ASSEMBLY FOR ONE HOUR AT 212°F.
- 13- REMOVE COMPLETED ASSEMBLY FROM OVEN AND ALLOW TO COOL TO ROOM TEMPERATURE.
- 14- REPEAT STEP NO. 11.
- 15- TEST COIL WITH A 1/4% 10KC UNIVERSAL BRIDGE. (INDUCTANCE ONLY)
- 16- TUNE THE CORE INTO THE COIL TO REACH THE INDUCTANCE AS SHOWN ABOVE.
- 17- TEST COIL WITH "Q" METER 260A (FOR "Q" ONLY).
- 18- SET THE TEST FREQUENCY AS SHOWN ABOVE. AND SET THE (MULTIPLY "Q" X) TO 1.
- 19- TUNE THE INDUCTANCE DIAL. TO REACH THE MAX. READING ON THE "Q" METER.



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

LIST OF MATERIAL				
MATERIAL	—	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
FINISH	—	TITLE AC 206 COIL, RF, ADJUSTABLE		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		DRAWN HAUSTIN	DATE 3-18-65	FINAL APPROVAL <i>[Signature]</i>
		CHECKED <i>[Signature]</i>	DATE 3-29-65	
		ELECT. DES. <i>[Signature]</i>	DATE	
		MECH. DES.	DATE	
DECIMALS .X \pm .05 .XX \pm .01 .XXX \pm .005		TOLERANCES	FRACTIONS \pm 1/64 ANGLES \pm 6° 30'	SHEET A3952
NOTES				REV. LTR. Ø

1	LFSB-1	A 3789
Q'TY./UNIT	MODEL USED ON	ASS'Y. NO.
SCALE	CODE	
—	A	
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