

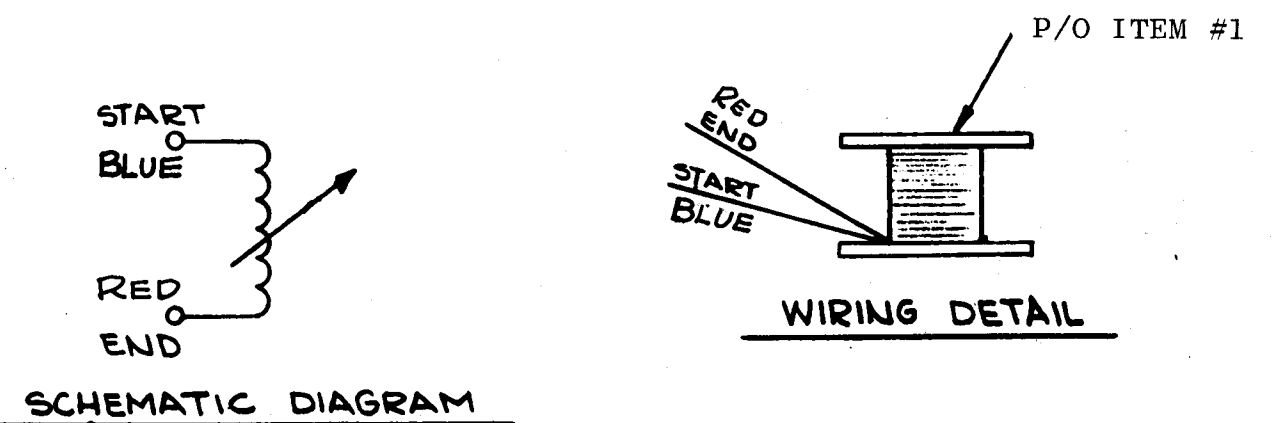
"Q" TEST FREQ.	"Q" MIN.	EXT. CAP. Q METER	NO. CODE	SYMBOL	INDUCTANCE 10KC BRIDGE
250 KCS	60	600 PF	—#—	—#—	446 $\mu$ h $\pm$ 10 $\mu$ h

REVISIONS					
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD APPD
X	EXPER. RELEASE	10-20	X	RS	RS
0	ORIGINAL RELEASE FOR PRODUCTION	4-7-65	0	HL	
A	IT. 2 WAS WI 107-17-D5C	8-16-65	14679	AN	JCF / VMA

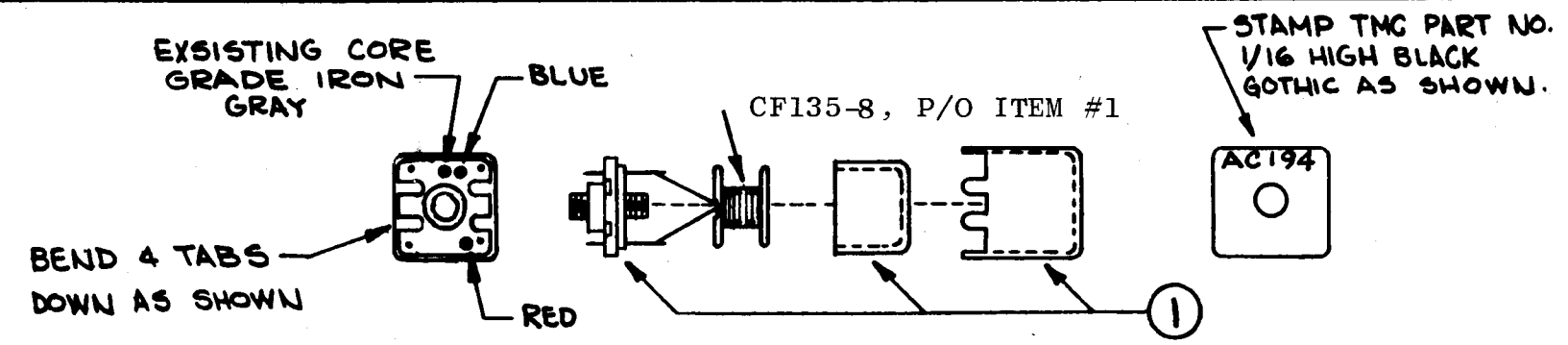
A3922

**- WINDING PROCEDURE -**

- 1- WIND 198 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
- 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	WI107-17	WIRE, ELECTRICAL, #36	
—	—	—	—	
1	1	CI-136-1	CORE, ADJUSTABLE TUNING	



LIST OF MATERIAL				
MATERIAL	—#—	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
FINISH	—#—	TITLE AC194 COIL, RF, ADJUSTABLE		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		DRAWN H. AUSTIN DATE 3-17-65 CHECKED G. Jensen DATE 3-29-65 ELECT. DES. DATE MECH. DES. DATE	FINAL APPROVAL DATE A3922 SHEET	DATE A REV. LTR.

1	VLRB-1	A 3681
QTY./UNIT	MODEL USED ON	ASS'Y. NO.
SCALE	CODE	
—#—	A	

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**NOTES**