

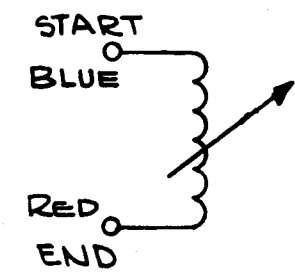
"Q" TEST FREQ.	"Q" MIN.	EXT. CAP. Q METER	NO. CODE	SYMBOL	INDUCTANCE 10KC BRIDGE
5.25 MCS	128	#	#	#	6.8 μ h \pm .2 μ h

A3939

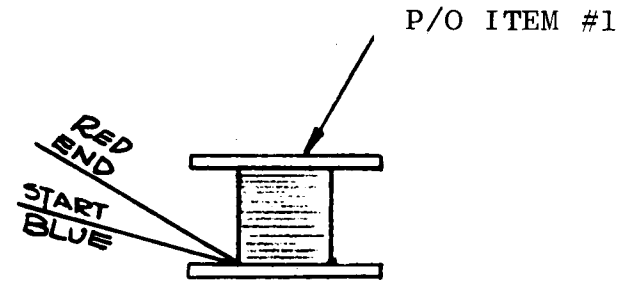
REVISIONS					
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD APPD
X	EXPER. RELEASE	3-17-65	X	HLA	JK
Ø	ORIGINAL RELEASE FOR PRODUCTION	4-7-65	Ø	Ø	Ø

WINDING PROCEDURE

- 1- WIND 24 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.

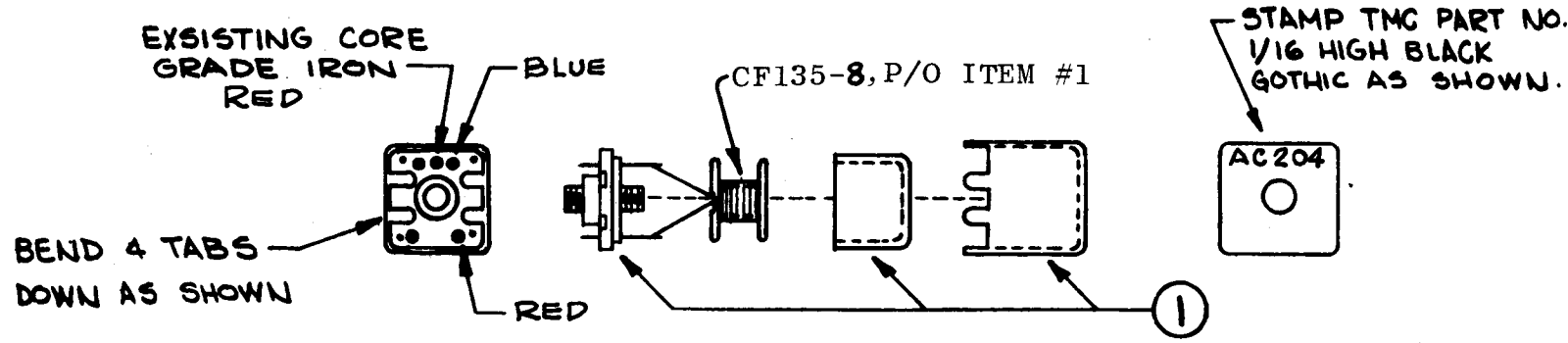


SCHMATIC DIAGRAM



WIRING DETAIL

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 SVGS	WIRE, ELECTRICAL, LITZ (SN)	
#	#	#	#	
1	1	CI-136-2	CORE, ADJUSTABLE TUNING	



BEND 4 TABS DOWN AS SHOWN

LIST OF MATERIAL

FINISH		TITLE	
— # —		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
— # —		AC 204 COIL, RF, ADJUSTABLE	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	DRAWN H. AUSTIN	DATE 3-17-65	FINAL APPROVAL
	CHECKED G. Swan	DATE 3-29-65	
	ELECT. DES. MAB	DATE	
	MECH. DES.	DATE	
DECIMALS .X \pm .05 .XX \pm .01 .XXX \pm .005	TOLERANCES	FRACTIONS \pm 1/64 ANGLES \pm 0° 30'	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.			DATE
			DATE
			DATE

NOTES

1	LFSB-1	A3791
Q'TY./UNIT	MODEL USED ON	ASS'Y. NO.
SCALE	CODE	
	A	