

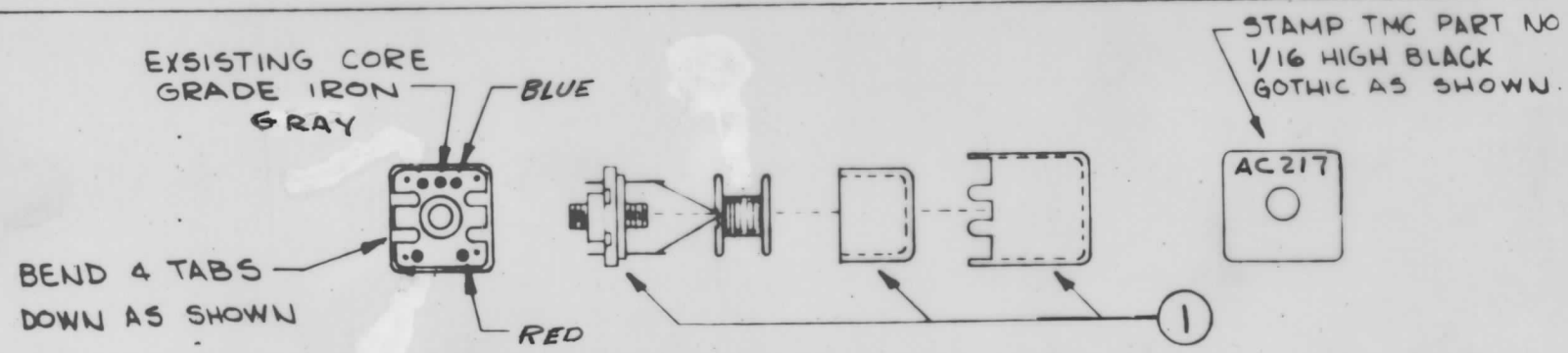
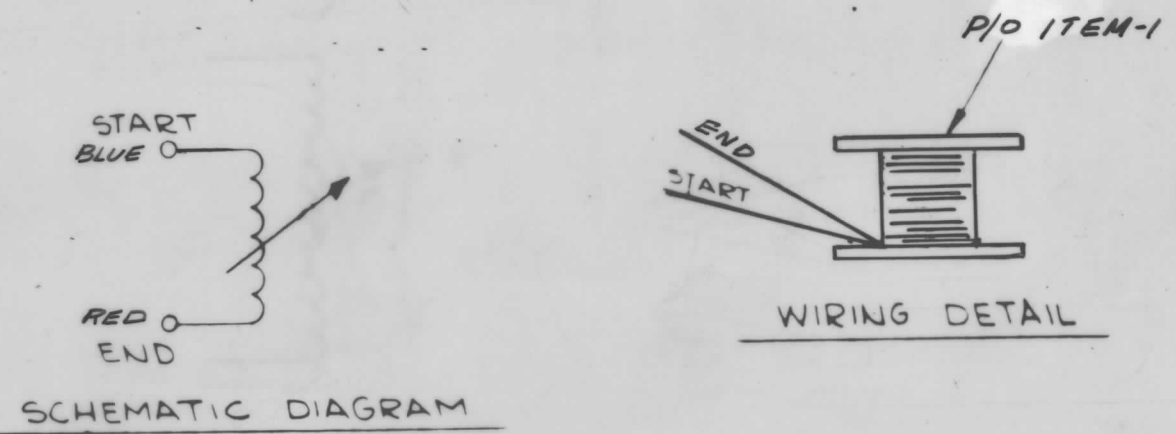
"Q" TEST FREQ.	"Q" MIN.	EXT. CAP. Q METER	NO. CODE	SYMBOL	INDUCTANCE
455 KHZ	65	3300PF		L701	38.4H ± 5%

REVISIONS					
SYM	DESCRIPTION	DATE	EMN NO	DRAFT	CHKD APPD
0	ORIGINAL RELEASE FOR PRODUCTION	2-16-66	0		File

WINDING PROCEDURE

1. WIND 54 TURNS OF ITEM 3 ON ITEM 2, STAKE WITH ITEM 4.
2. BAKE COIL FOR 15 MIN. AT 150°F, REMOVE FROM OVEN AND COAT COIL WITH ITEM #5.
3. COLOR CODE TERMINALS ON BASE AS SHOWN.
4. STRIP AND TIN LEADS TO WITHIN 1/4" OF COIL.
5. PLACE ITEM #2 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.
10. STAMP TMC PART NO. AS SHOWN ABOVE.
11. TEST INDUCTANCE, AND Q AS SHOWN ABOVE.
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. 13.
- 15.
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.

A4426



REQD	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
X	6	BS-100	SOLDER, SOFT	
X	5	GL-130	ADHESIVE, Q-DOPE	
X	4	GL-103	ADHESIVE, N-CEL	
X	3	WI-104 7/41 SNQS	WIRE ELECTRICAL, LITZ	
	2			
1	1	CI-136-1	CORE, ADJUSTABLE TUNING	

MATERIAL		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
FINISH		TITLE AC217 COIL, RF, ADJUSTABLE			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		DRAWN JL	DATE 10-20-62	FINAL APPROVAL <i>[Signature]</i>	
DECIMALS I ± .05 II ± .01 III ± .005		CHECKED <i>[Signature]</i>	DATE 2-16-66	DATE 2/16/66	
FRACTIONS ± 1/64 ANGLES ± 0° 30'		ELECT DES <i>[Signature]</i>	DATE 2-16-66	A4426	
TOLERANCES		MECH DES	DATE	SHEET	
				REV LTR	

1	CDN-3	A4351
QTY/UNIT	MODEL USED ON	ASSY NO
SCALE	CODE	
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NOTES