

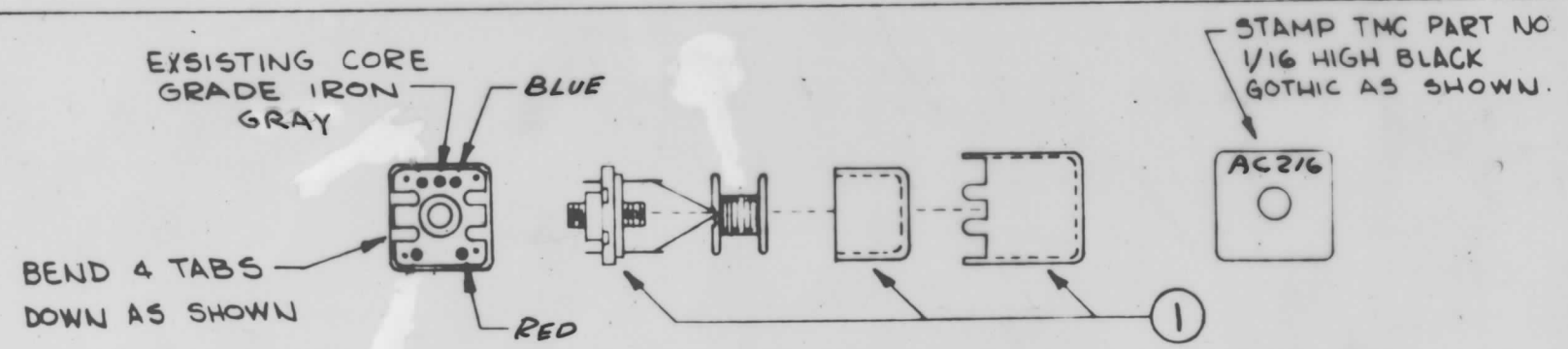
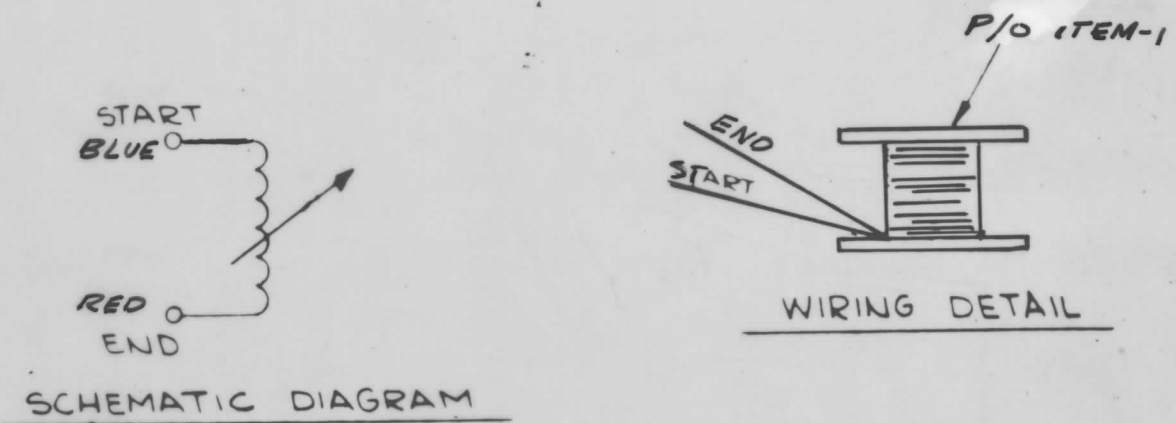
"Q" TEST FREQ.	"Q" MIN.	EXT. CAP. Q METER	NO. CODE	SYMBOL	INDUCTANCE 10KC BRIDGE
455 KHZ	60	3900 PF		L601	31.4H ± 5-10.4H

A4425

REVISIONS						
SYM	DESCRIPTION	DATE	EM N NO	DRAFT	CHKD	APPD
Ø	ORIGINAL RELEASE FOR PRODUCTION	2-16-66	Ø			<i>file</i>

WINDING PROCEDURE

- WIND 50 TURNS OF ITEM 3 ON ITEM 2, STAKE WITH ITEM 4.
- BAKE COIL FOR 15 MIN. AT 150°F, REMOVE FROM OVEN AND COAT COIL WITH ITEM #5.
- COLOR CODE TERMINALS ON BASE AS SHOWN.
- STRIP AND TIN LEADS TO WITHIN 1/4" OF COIL.
- PLACE ITEM #2 OVER SLUG ON BASE, TAKING CARE TO POSITION NOTCHES ON RAISED PART OF BASE.
- SOLDER ALL LEADS TO PROPER COLOR-CODED TERMINALS ON BASE.
- ASSEMBLE AS PER ASSEMBLY DRAWING, PLACE IN CASE; BEND THE 4 TABS DOWN IN THE NOTCHES.
- DO NOT CUT OFF THE TWO LONG TABS.
- 
- STAMP TMC PART NO. AS SHOWN ABOVE.
- TEST INDUCTANCE, AND Q AS SHOWN ABOVE.
- BAKE COMPLETED ASSEMBLY FOR ONE HOUR AT 212°F.
- REMOVE COMPLETED ASSEMBLY FROM OVEN AND ALLOW TO COOL TO ROOM TEMPERATURE.
- REPEAT STEP NO. 13.
- 
- TUNE THE CORE INTO THE COIL TO REACH THE INDUCTANCE AS SHOWN ABOVE.
- TEST COIL WITH "Q" METER 260A (FOR "Q" ONLY).
- SET THE TEST FREQUENCY AS SHOWN ABOVE. AND SET THE (MULTIPLY "Q" X ) TO 1.
- TUNE THE INDUCTANCE DIAL. TO REACH THE MAX. READING ON THE "Q" METER.



REQ D	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	

POSE - LIST OF MATERIAL

MATERIAL: \_\_\_\_\_

FINISH: \_\_\_\_\_

TITLE: AC 216 COIL, RF, ADJUSTABLE

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

DECIMALS: I ± .05, II ± .01, III ± .005

FRACTIONS: ± 1/64, ANGLES ± 0° 30'

TOLERANCES

THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK

DRAWN: JL, DATE: 16 20-62

CHECKED: JCB, DATE: 2-15-66

ELECT DES: JCB, DATE: 2-16-66

MECH DES: \_\_\_\_\_, DATE: \_\_\_\_\_

FINAL APPROVAL: *[Signature]*, DATE: 2/14/66

SHEET: A 4425

REV. LTR: Ø

1	CDN-3	A4349
Q'TY/UNIT	MODEL USED ON	ASSY NO
SCALE	CODE	

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NOTES