

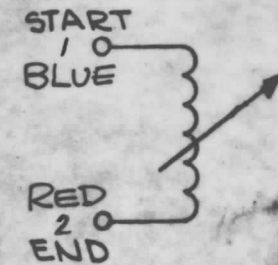
"Q" TEST FREQ.	"Q" MIN.	EXT. CAP. Q METER	NO. CODE	SYMBOL	INDUCTANCE "Q" METER 6 MHZ
6mc	40	-	-	L6	1.5 μ h \pm 0.2 μ h

WINDING PROCEDURE

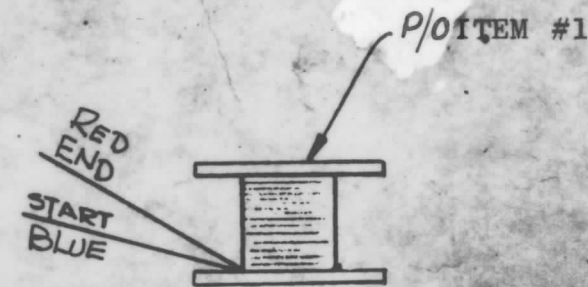
- 1- WIND 27 TURNS OF ITEM 3 ON ITEM 1, STAKE WITH ITEM 4.
- 2- BAKE COIL FOR 15 MIN. AT 150°F, REMOVE FROM OVEN AND COAT COIL WITH ITEM #5.
- 3- COLOR CODE TERMINALS ON BASE AS SHOWN.
- 4- STRIP AND TIN LEADS TO WITHIN 1/4" OF COIL.
- 5- PLACE BOBBIN OVER SLUG ON BASE, TAKING CARE TO POSITION NOTCHES 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- CODE THE BASE, AS PER CHART.
- 10- STAMP TMC PART NO. AS SHOWN ABOVE.
- 11- TEST INDUCTANCE, AND Q AS SHOWN ABOVE. (W/O SLUG).
- 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- ~~DELETED~~
- 16-
- 17- TEST COIL WITH "Q" METER 260A.
- 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.

B
A4276

REVISIONS					
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD APPD
X	EXPER. RELEASE	5/17/65	X	HLA	
XI	WINDING PROCEDURE #16 TUNE THE CORE INTO THE COIL TO REACH THE INDUCTANCE SHOWN ABOVE DELETED.	5/20/65	-A	HLA	
Ø	ORIGINAL RELEASE FOR PRODUCTION.	5/21/65	-A	NLA	
A	152 SCHE. TERM 1 BLUE 2 RED, RED TO NOTE ADDED	11/6/65	15185	HLA	
B	IND. FR. WAS .2.0 μ h , ADDED 6 MHZ	7/19/66	16576	RME	



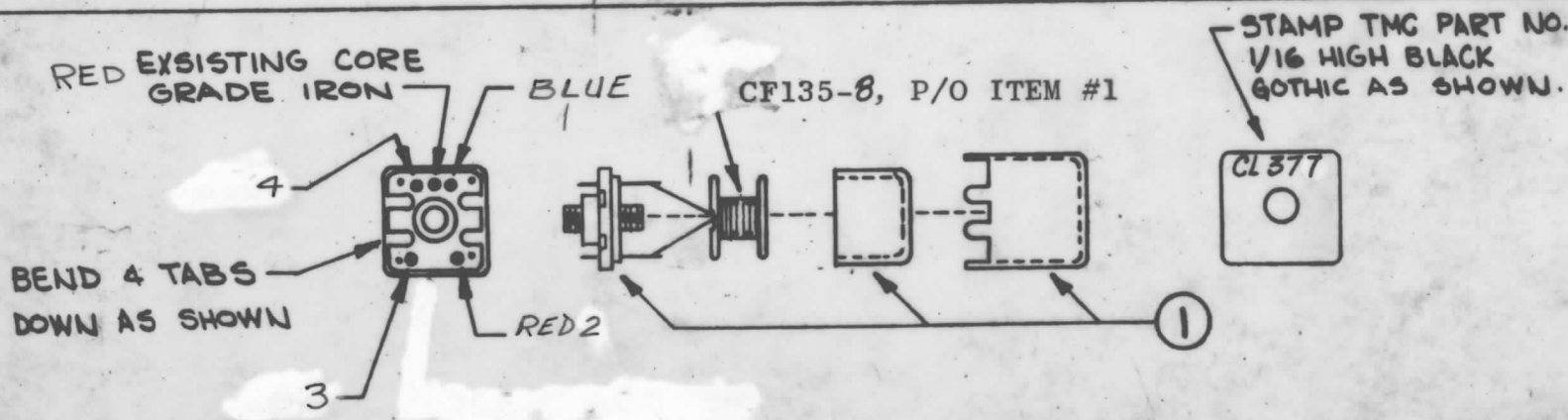
SCHEMATIC DIAGRAM



WIRING DETAIL

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-141-32-9	WIRE, ELECTRICAL,	
-	2	-	-	
1	1	CI-136-2	CORE, ADJUSTABLE TUNING	

LIST OF MATERIAL			
MATERIAL	—	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
FINISH	—	TITLE CL 377 ASSY. SYN-A-L6	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	DRAWN HLA	DATE 5/17/65	FINAL APPROVAL [Signature]
DECIMALS .X \pm .05 .XX \pm .01 .XXX \pm .005	CHECKED [Signature]	DATE 5/21/65	DATE 5/21/65
TOLERANCES \pm 1/64 ANGLES \pm 0° 30'	ELECT. DES. [Signature]	DATE 5/16/65	DATE
	MECH. DES.	DATE	
			SHEET



QTY. UNIT	MODEL USED ON	ASSY. NO.
1	CMRA-1	A4216
SCALE	CODE	

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NOTES