

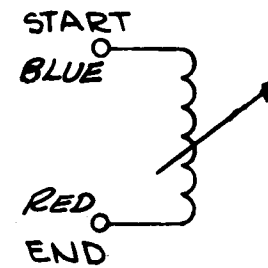
"Q" TEST FREQ.	"Q" MIN.	EXT. CAP. Q METER	NO. CODE	SYMBOL	INDUCTANCE "Q" METER
3 MC	40	—	—	L1	12 μ h \pm 1.0 μ h

REVISIONS					
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD APPD
X	EXPER. RELEASE	5-3-65	X	HLA	
Ø	RELEASED FOR PRODUCTION	5/14/65			
A	IND. TOL. WAS \pm 0.5 μ h ADDED FREQ. 3 MHz	7/18/66	16571	RME	<i>[Signature]</i>
B	RELOC. CL379 LETTERING	12-5-66	17375	RME	<i>[Signature]</i>

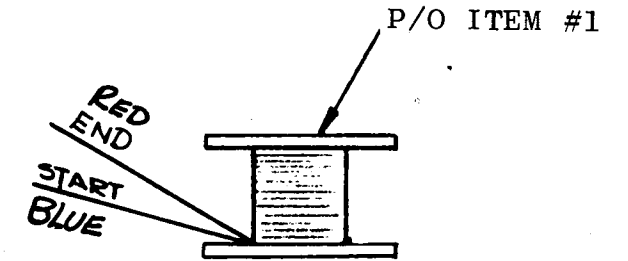
A4261

WINDING PROCEDURE

- 1- WIND 46 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- TUNE THE CORE INTO THE COIL TO REACH THE INDUCTANCE AS SHOWN ABOVE.
- 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.



SCHMATIC DIAGRAM

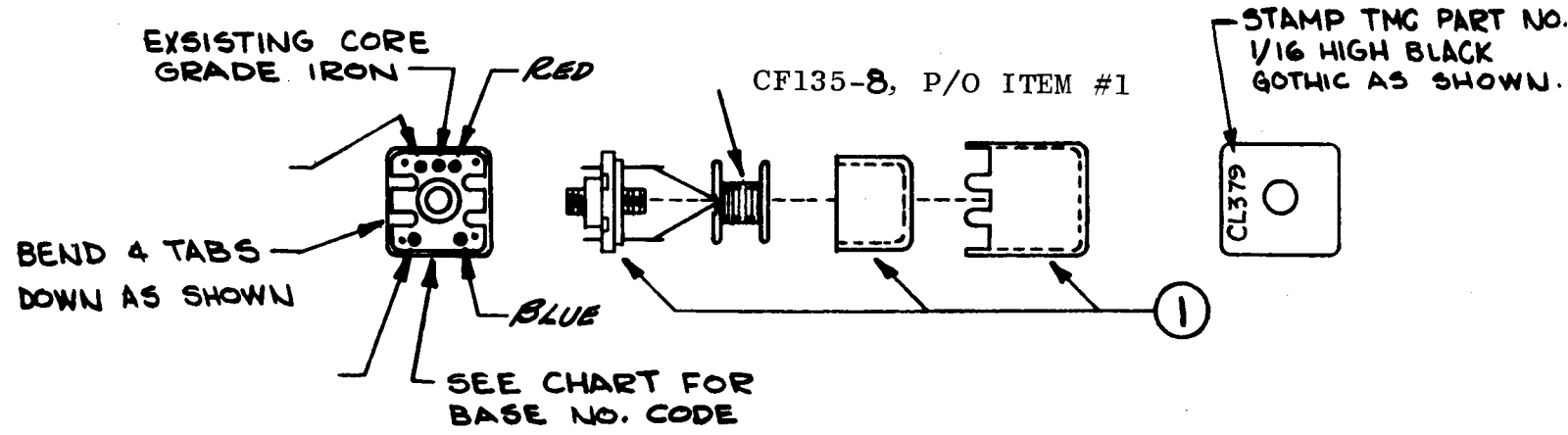


WIRING DETAIL

NOT TO BE RELEASED
W/O AUTHORIZATION
DATE: _____

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-104-743 SNQS	WIRE, ELECTRICAL,	
—	2	—	—	
1	1	CI-136-2	CORE, ADJUSTABLE TUNING	

POSE		LIST OF MATERIAL			
MATERIAL	—	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
FINISH	—				
		TITLE CL379 ASS'Y. SYN-A-LI			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		DRAWN HLA 5-3-65	DATE	FINAL APPROVAL <i>[Signature]</i>	DATE 5/14/65
		CHECKED <i>[Signature]</i>	DATE 5-14-65		
		ELECT. DES. <i>[Signature]</i>	DATE 5/14/65	A4261	
		MECH. DES.	DATE	B	
		TOLERANCES		REV. LTR.	
		DECIMALS .X \pm .05 .XX \pm .01 .XXX \pm .005	FRACTIONS \pm 1/64 ANGLES \pm 0° 30'	SHEET	



1	CMRA-1	A 421G
QTY/UNIT	MODEL USED ON	ASS'Y. NO.
SCALE	CODE	
	A	

NOTES

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