

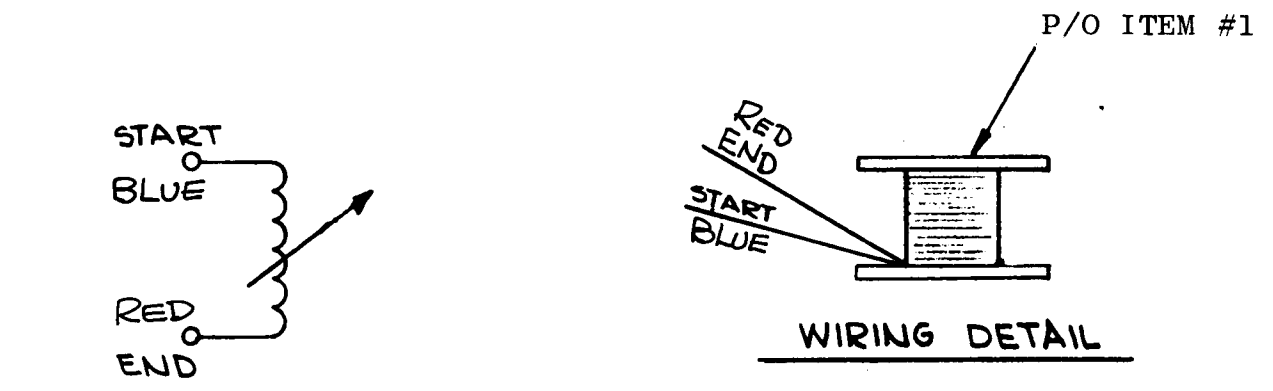
"Q" TEST FREQ.	"Q" MIN.	EXT. CAP. Q METER	NO. CODE	SYMBOL	INDUCTANCE "Q" METER 250 KHZ
250 KC	20			L3	2.0MH ±0.2MH

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		HLA	
Ø	ORIGINAL RELEASE FOR PRODUCTION	5/21/65		HLA	
A	"Q" MIN. FR. WAS 40 IND. FR. WAS 2.2 MH., ADDED FREQ. 250 KHZ.	7/18/66	16571	RME	
B	CL375 RELOCATED	12.6.66	17374	WVW	

B
A4263

WINDING PROCEDURE

- 1- WIND 625 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- DELETED
- 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.

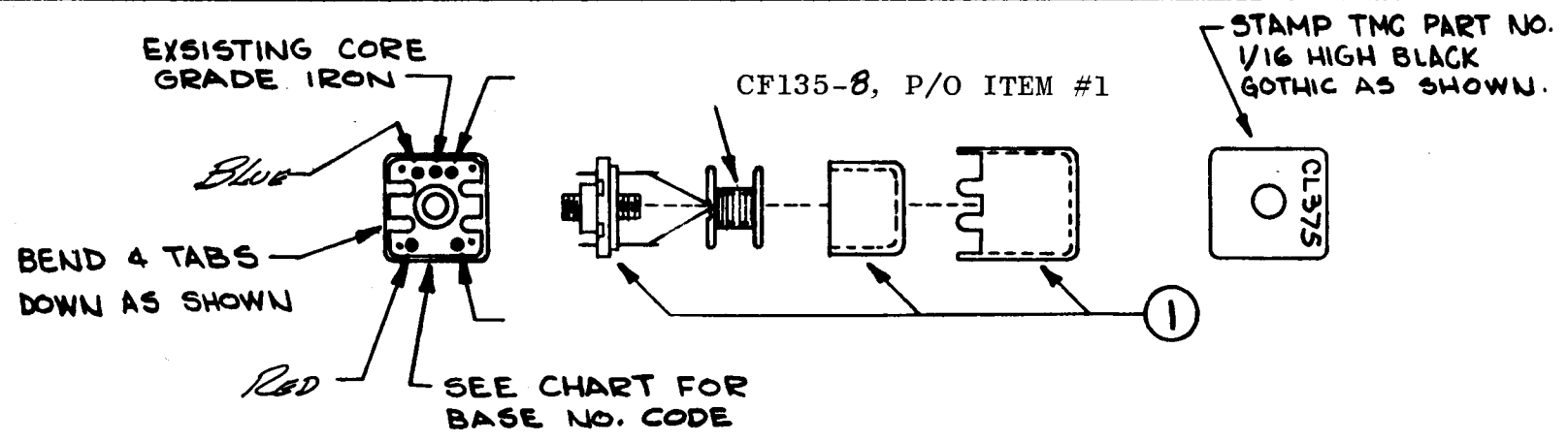


SCHMATIC DIAGRAM

NOT TO BE RELEASED
UNLESS AUTHORIZED

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-141-36-9	WIRE, ELECTRICAL,	
4	2	M	M	
1	1	CI-136-2	CORE, ADJUSTABLE TUNING	

LIST OF MATERIAL			
MATERIAL	M	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
FINISH	M	TITLE CL375 ASSY. SYN-A-L3	
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 ± .05 .XX ± .01 .XXX ± .005	TOLERANCES	FRACTIONS ± 1/64 ANGLES ± 0° 30'	DATE 5/21/65
		ELECT. DES. [Signature]	DATE 5/17/65
		MECH. DES.	DATE
		A4263	
		B	
		REV. LTR.	



NOTES

CMRA-1	A4216
QTY./UNIT	MODEL USED ON
SCALE	CODE

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