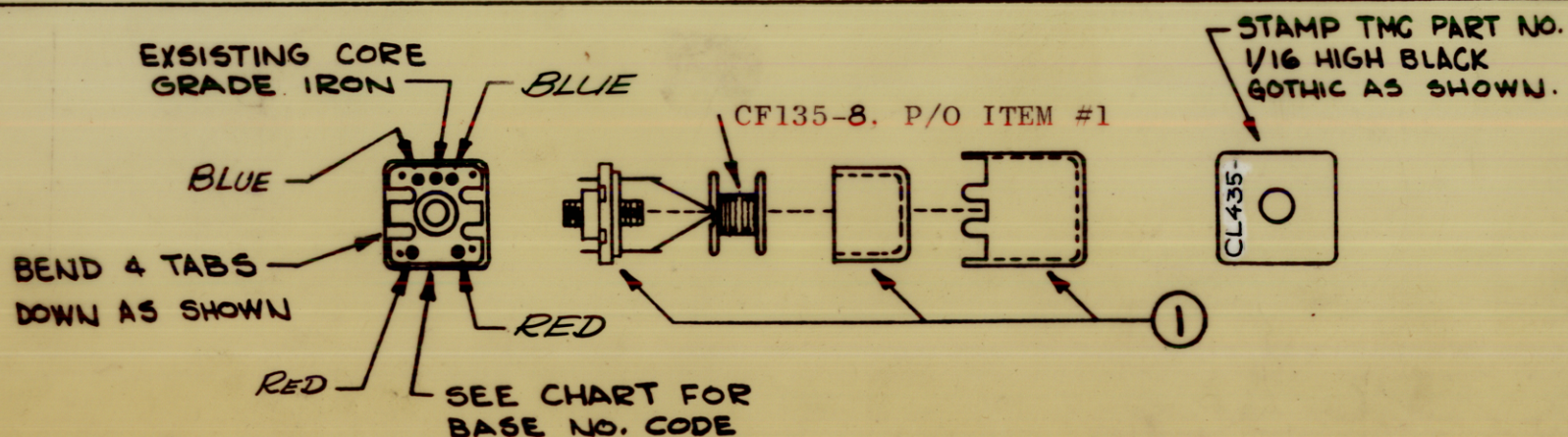


TMC P/N	*NO OF TURNS	"Q" TEST FREQ.	"Q" MIN	EXT CAR. Q METER	ITEM 3	LOAD RESISTOR	INDUCTANCE "Q" METER
CL435-1	130	790Kc	75		WI104-12/43SNQS	18K	150μ W/SLUGFLUSH
CL435-2	25	7.9Kc	50		WI104-3/41-SNQS	82K	6μ W/SLUG FLUSH

WINDING PROCEDURE

- 1- WIND * 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. (WITH SLUG FLUSH)
- 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. WITH LOAD RESISTOR ACROSS SECONDARY
- 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.



BEND 4 TABS DOWN AS SHOWN

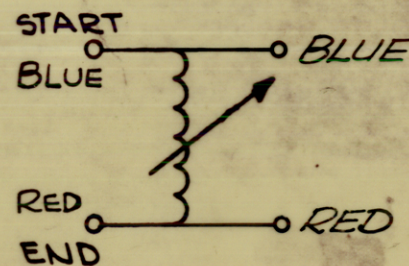
SEE CHART FOR BASE NO. CODE

1	MTR-1	PC471
QTY./UNIT	MODEL USED ON	ASS'Y. NO.
SCALE	CODE	

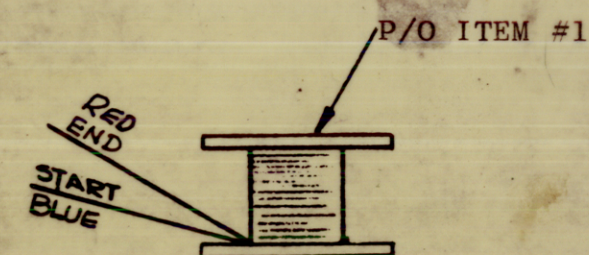
NOTES

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REVISIONS						
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPR
X	EXPER. RELEASE	10/24/68		HZ		
Ø	ORIG. RELEASE FOR PROD.	10/28/68	Ø	R.G.		
A	COMPL. REVISED	1/2/69	19175	KH		FB
B	CHG TMC STAMP CL435 WAS CL374	3/2/69	19339	GE		OP.



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	SEE CHART	WIRE, ELECTRICAL,	
1	1	CI-136-2	CORE, ADJUSTABLE TUNING	

POSE LIST OF MATERIAL

MATERIAL: _____

FINISH: _____

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

TITLE: COIL, RF, ADJ.

DRAWN: HZ	DATE: 10/20/68	FINAL APPROVAL: [Signature]	DATE: [Blank]
CHECKED: [Signature]	DATE: 10/23/68		
ELECT. DES. [Signature]	DATE: 10/28/68		
MECH. DES. [Signature]	DATE: [Blank]		

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

DECIMALS	FRACTIONS
.X ± .05	± 1/64
.XX ± .01	ANGLES
.XXX ± .005	± 0° 30'

CL435

SHEET: [Blank] REV. LTR. B