

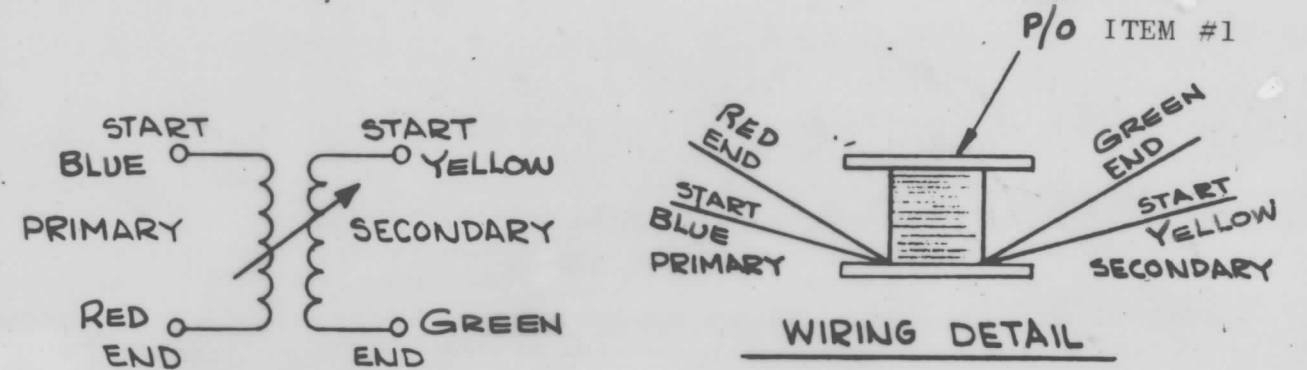
"Q" TEST FREQ.	"Q" MIN.	EXT. CAP. Q METER	NO. CODE	SYMBOL	INDUCTANCE
2.5 Mc	85	—	—		16.2 μ H \pm 1 μ H

REVISIONS					
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD APPD
X	EXPER. RELEASE	12-27-67	-X	HG	TTB
Ø	ORIGINAL RELEASE FOR PRODUCTION	8/7/69	Ø	W	

TT-294

WINDING PROCEDURE

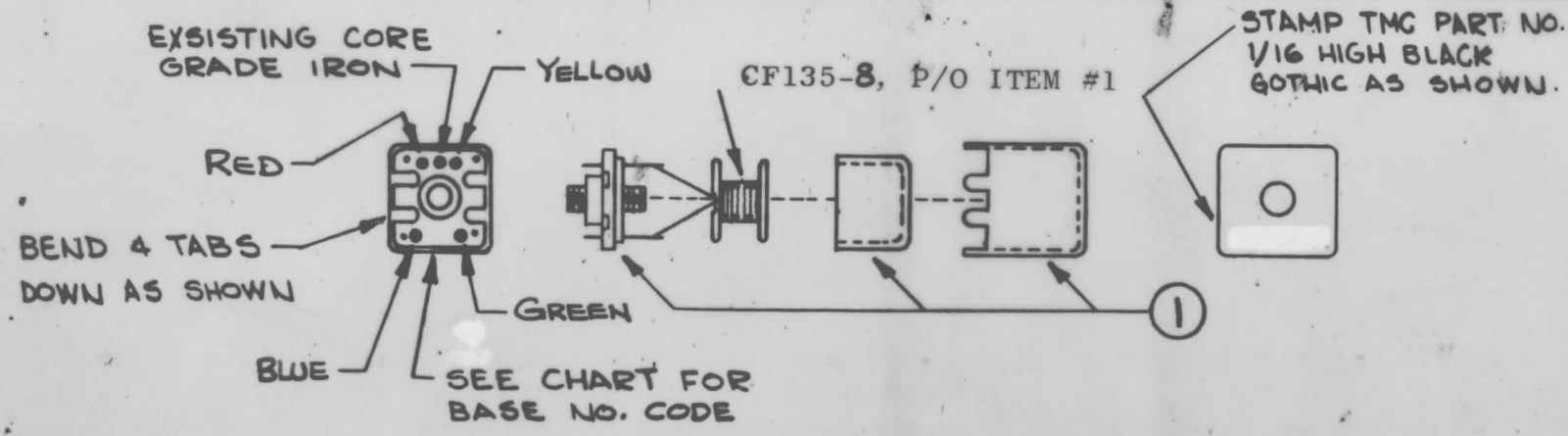
- PRIMARY WIND 44 TURNS OF ITEM 3 ON ITEM 1, STAKE WITH ITEM 4.
- SECONDARY- WIND 15 TURNS OF ITEM 2 OVER PRIMARY AND IN THE SAME DIRECTION STAKE WITH ITEM 4.
- SECONDARY WINDING MUST BREAK OUT FROM OPPOSITE SIDE OF PRIMARY.
- BAKE COIL FOR 15 MIN. AT 150°F, REMOVE FROM OVEN AND COAT COIL WITH ITEM #5.
- COLOR CODE TERMINALS ON BASE AS SHOWN.
- STRIP AND TIN LEADS TO WITHIN 1/4" OF COIL.
- PLACE BOBBIN 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.
- CODE THE BASE, AS PER CHART.
- STAMP TMC PART NO. 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.
- DELETED.
- TUNE THE CORE INTO THE COIL TO REACH THE INDUCTANCE, AS SHOWN ABOVE.
- TEST COIL WITH "Q" METER 260A.
- SET THE TEST FREQUENCY AS SHOWN ABOVE. AND SET THE (MULTIPLY "Q") TO 1.
- TUNE THE INDUCTANCE DIAL. TO REACH THE MAX. READING ON THE "Q" METER.



SCHMATIC 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 104-743 SNQS	WIRE, ELECTRICAL,	
X	2	WI 104-743 SNQS	WIRE, ELECTRICAL	
1	1	CI 136-2	CORE, ADJUSTABLE TUNING	



LIST OF MATERIAL

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

TRANSFORMER, RF, ADJUSTABLE IF T1

DRAWN	DATE	FINAL APPROVAL	DATE
CHECKED	DATE		8/7/69
ELECT. DES.	DATE	TT 294	
MECH. DES.	DATE		

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

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

TOLERANCES

1	CHGR-4	A4685
QTY./UNIT	MODEL USED ON	ASSY. NO.
SCALE	CODE	
	A	

NOTES

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