

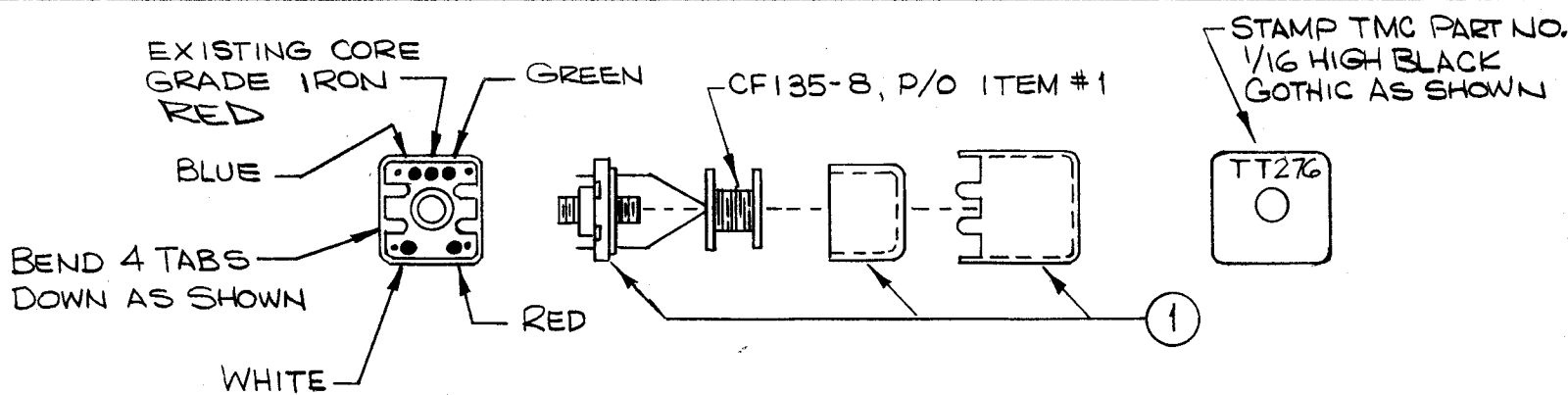
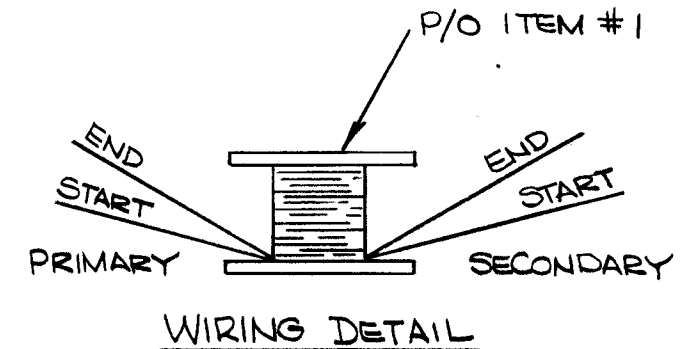
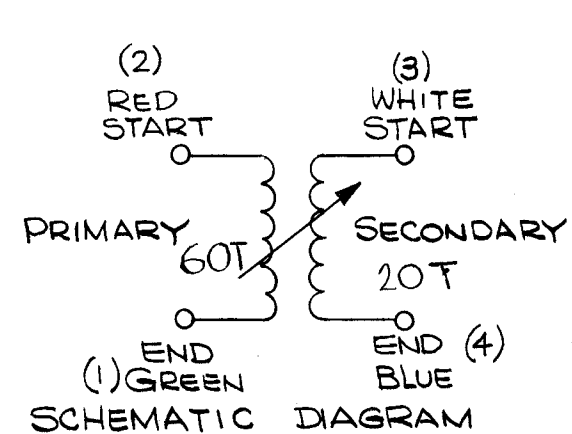
"Q" TEST FREQ.	"Q" MIN.	EXT. CAP. Q METER	SYMBOL 300	INDUCTANCE
300 Kc	105	5200pf	T3, T5, T7, T8	60 μ h @ 2.5 mc \pm 10%

WINDING PROCEDURE

1. PRIMARY WIND 60 TURNS OF ITEM 3 ON ITEM 1, STAKE WITH ITEM 4.
2. SECONDARY WIND 20 TURNS OF ITEM 2 OVER PRIMARY AND IN THE SAME DIRECTION STAKE WITH ITEM 4
3. SECONDARY WINDING MUST BREAK OUT FROM OPPOSITE SIDE OF PRIMARY.
4. BAKE COIL FOR 15 MIN. AT 150°F, REMOVE FROM OVEN AND COAT COIL WITH ITEM #5.
5. COLOR CODE TERMINALS ON BASE AS SHOWN.
6. STRIP AND TIN LEADS TO WITHIN 1/4" OF COIL.
7. PLACE BOBBIN OVER SLUG ON BASE, TAKING CARE TO POSITION NOTCHES ON RAISED PART OF BASE.
8. SOLDER ALL LEADS TO PROPER COLOR-CODED TERMINALS ON BASE.
9. ASSEMBLE AS PER ASSEMBLY DRAWING, PLACE IN CASE; BEND THE 4 TABS DOWN IN THE NOTCHES.
10. DO NOT CUT OFF THE TWO LONG TABS.
11. STAMP TMC PART NO. AS SHOWN ABOVE.
12. REMOVE EXISTING SLUG FROM CI-136-2 AND REPLACE WITH CI-121-2.
13. TEST INDUCTANCE, AND "Q" AS SHOWN ABOVE.
14. BAKE COMPLETED ASSEMBLY FOR ONE HOUR AT 212°F.
15. REMOVE COMPLETED ASSEMBLY FROM OVEN AND ALLOW TO COOL TO ROOM TEMPERATURE.
16. REPEAT STEP NO. 12.
17. TUNE THE CORE INTO THE COIL TO REACH THE INDUCTANCE AS SHOWN ABOVE.
18. TEST COIL WITH "Q" METER 260A (FOR "Q" ONLY).
19. SET THE TEST FREQUENCY AS SHOWN ABOVE AND SET THE (MULTIPLY "Q") TO X1
20. TUNE THE INDUCTANCE DIAL TO REACH THE MAX. READING ON THE "Q" METER.

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REVISIONS						
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
X1	IT. 7 ADDED. NOTE & PICTORIAL CLARIFIED	9-16-65	+	E		
	ORIGINAL RELEASE FOR PRODUCTION	10-5-65	+	E		
A	U/O QTY. WAS 3, AX596 ADDED, T8 ADD TO 3VM COL.	12/19/65	5417	H.V.		
B	PRI WAS 51T; SEC WAS 17T	12/20/66	17529	UFW		



REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
1	7	CI 121-2	SLUG FERRITE	
X	6	BS100	SOLDER, SOFT	
X	5	GL130	ADHESIVE, Q-DOPE	
X	4	GL103	ADHESIVE, N-CEL	
X	3	WI104-2041-SNQS	WIRE, ELECTRICAL, LITZ	
X	2	WI141-32-5	WIRE, ELECTRICAL	
1	1	CI136-2	CORE, ADJUSTABLE TUNING	

POSE LIST OF MATERIAL

MATERIAL: —

FINISH: —

TITLE: THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK

TT-276 TRANSFORMER, RF, TUNED

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

DECIMALS: .X \pm .05, .XX \pm .01, .XXX \pm .005

FRACTIONS: \pm 1/64, ANGLES: \pm 0° 30'

TOLERANCES

DRAWN: H. Austin, DATE: 8-19-65

CHECKED: [Signature], DATE: 9/16/65

ELECT. DES. DATE: [Signature]

MECH. DES. DATE: [Signature]

FINAL APPROVAL: [Signature], DATE: 10/5/65

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SHEET: [Blank]

REV. LTR. [Blank]

NOTES

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