

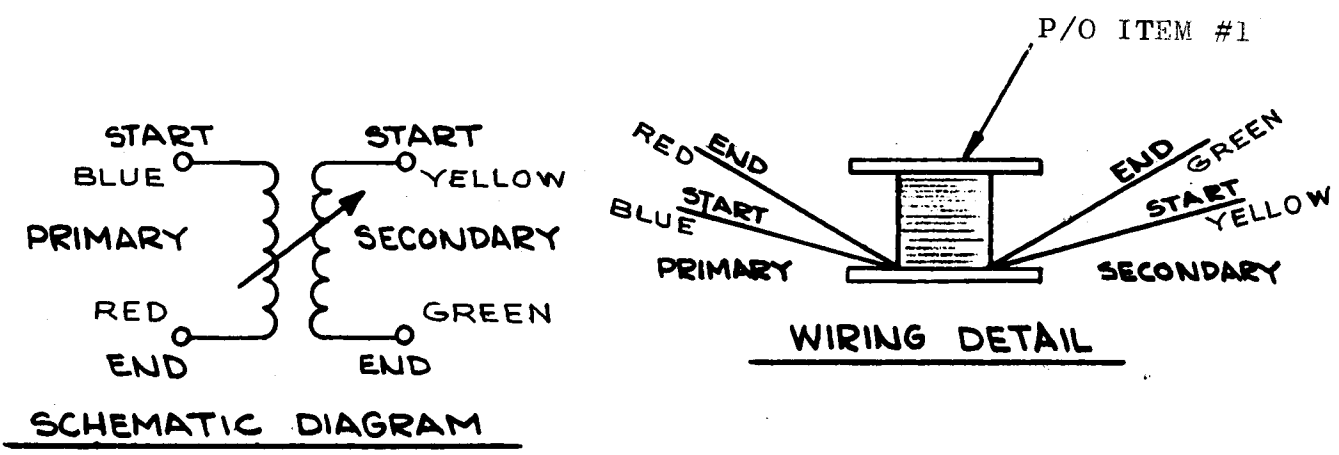
"Q" TEST FREQ.	"Q" MIN.	EXT. CAP. Q METER	NO. CODE	SYMBOL	INDUCTANCE 10KC BRIDGE
6 MC	50	—H—	—H—	—H—	7.96 μ H \pm .25 μ H

A3904

REVISIONS					
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD APPD
X	EXPER. RELEASE	10-20	X	PC	
Ø	ORIGINAL RELEASE FOR PRODUCTION	4-20-65	Ø	J.S.	

WINDING PROCEDURE

1. PRIMARY WIND 32 TURNS OF ITEM 2 ON ITEM 1, STAKE WITH ITEM 4.
2. SECONDARY- WIND 10 TURNS OF ITEM 3 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. ~~DELETED~~
12. STAMP TMC PART NO. AS SHOWN ABOVE.
13. TEST INDUCTANCE, AND Q AS SHOWN ABOVE. SET INDUCTANCE FIRST
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. 13.
17. TEST COIL WITH A 1/4% 10KC UNIVERSAL BRIDGE.(INDUCTANCE ONLY)
18. TUNE THE CORE INTO THE COIL TO REACH THE INDUCTANCE AS SHOWN ABOVE.
19. TEST COIL WITH "Q" METER 260A(FOR "Q" ONLY).
20. SET THE TEST FREQUENCY AS SHOWN ABOVE. AND SET THE (MULTIPLY "Q" X) TO 1
21. TUNE THE INDUCTANCE DIAL. TO REACH THE MAX. READING ON THE "Q" METER.



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 141-34-2	WIRE, ELECTRICAL,	
X	2	WI 141-34-5	WIRE, ELECTRICAL	
1	1	CI-136-2	CORE, ADJUSTABLE TUNING	

M. GELLMAN		LIST OF MATERIAL																								
MATERIAL	<i>[Signature]</i>	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK																								
FINISH	<i>[Signature]</i>	TITLE TT 230 TRANSFORMER, R.F. ADJUSTABLE																								
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	<table border="1"> <tr> <td>DRAWN</td> <td>DATE</td> <td>FINAL APPROVAL</td> <td>DATE</td> </tr> <tr> <td><i>[Signature]</i></td> <td>10-20-62</td> <td><i>[Signature]</i></td> <td></td> </tr> <tr> <td>CHECKED</td> <td>DATE</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>	DRAWN	DATE	FINAL APPROVAL	DATE	<i>[Signature]</i>	10-20-62	<i>[Signature]</i>		CHECKED	DATE							<table border="1"> <tr> <td>ELECT. DES.</td> <td>DATE</td> <td rowspan="2">A3904</td> </tr> <tr> <td>MECH. DES.</td> <td>DATE</td> </tr> <tr> <td></td> <td></td> <td>Ø</td> </tr> </table>	ELECT. DES.	DATE	A3904	MECH. DES.	DATE			Ø
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