

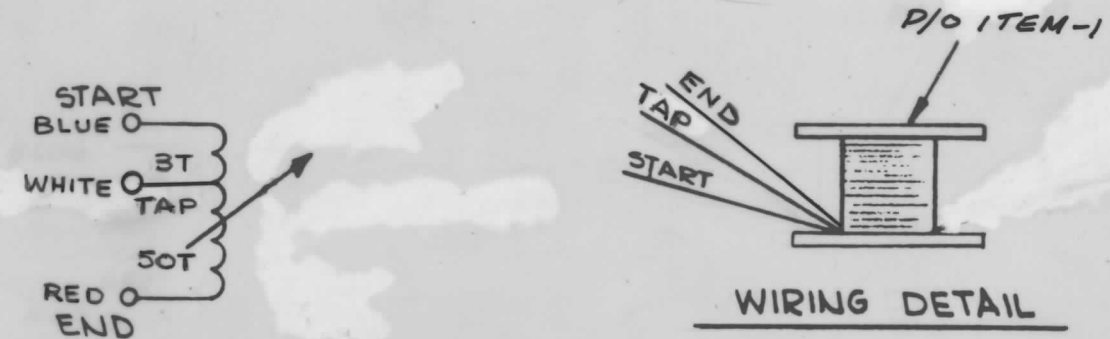
"Q" TEST FREQ.	"Q" MIN.	EXT. CAP. Q METER	NO. CODE	SYMBOL	INDUCTANCE 10KC BRIDGE
455 KHZ	65	3300 PF		T701	424H + 5-54H

A4420

REVISIONS					
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD APPD
0	ORIGINAL RELEASE FOR PRODUCTION	2-16-66			

WINDING PROCEDURE

- WIND 53 TURNS OF ITEM 3 ON ITEM 2, TAP 3 TURNS FROM START & STAKE WITH ITEM 4.
-
-
- 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 ITEM #2 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.
-
- STAMP TMC PART NO. AS SHOWN ABOVE.
- TEST INDUCTANCE, AND Q 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.
-
- TUNE THE CORE INTO THE COIL TO REACH THE INDUCTANCE AS SHOWN ABOVE.
- TEST COIL WITH "Q" METER 260A (FOR "Q" ONLY).
- SET THE TEST FREQUENCY AS SHOWN ABOVE. AND SET THE (MULTIPLY "Q" X) TO 1.
- TUNE THE INDUCTANCE DIAL. TO REACH THE MAX. READING ON THE "Q" METER.

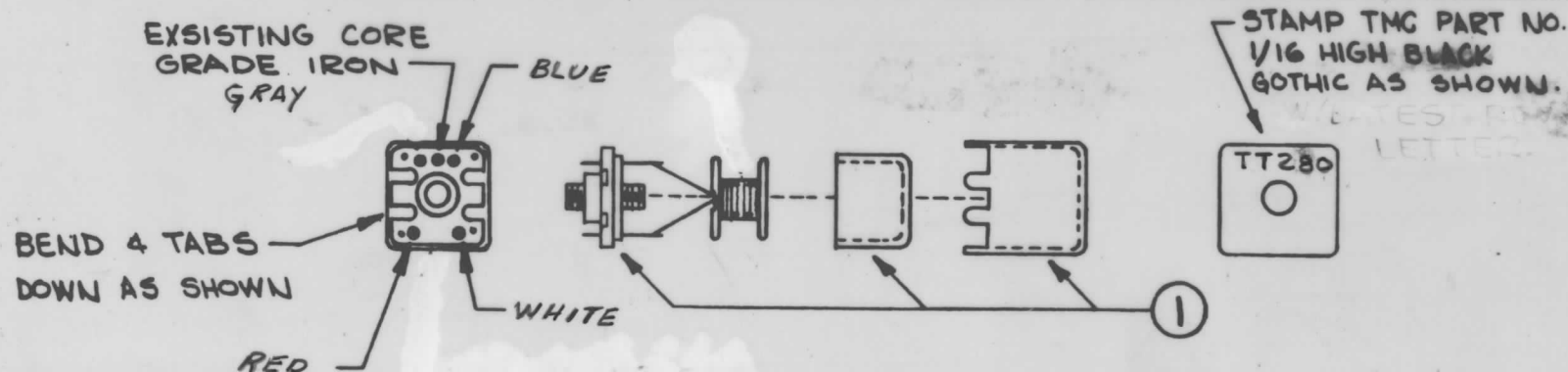


SCHEMATIC DIAGRAM

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	WI104-7/41SNQ3	WIRE, ELECTRICAL, LITZ	
	2			
1	1	CI-136-1	CORE, ADJUSTABLE TUNING	

LIST OF MATERIAL			
MATERIAL	FINISH	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		TITLE TT 280 TRANSFORMER, RF, ADJUSTABLE	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		DRAWN JL DATE 10-20-66	FINAL APPROVAL [Signature] DATE 2/14/66
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005		CHECKED [Signature] DATE 2-15-66	DATE 2-16-66
TOLERANCES ± 1/64 ANGLES ± 0° 30'		ELECT. DES. [Signature]	DATE
		MECH. DES.	DATE
		SHEET	
		REV. LTR.	



NOTES

1	CDN-3	A4351
Q'TY./UNIT	MODEL USED ON	ASS'Y. NO.
SCALE	CODE	
THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE OR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.		