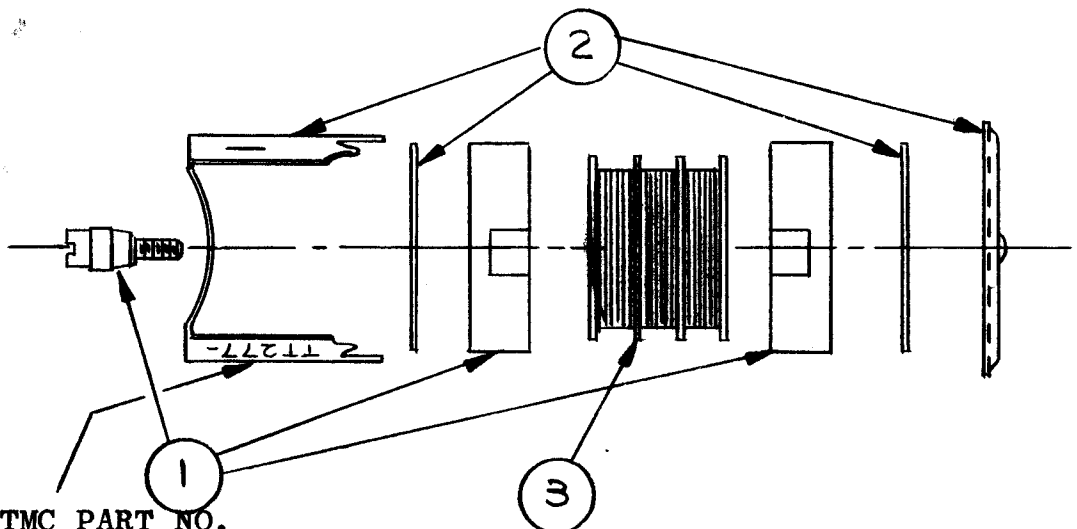


"Q" TEST FREQ.	"Q" MIN.	EXT. CAP. Q METER	NUMBER CODE	SYMBOL	INDUCTANCE
355 kHz	275			T 301 T 402	2.74mH ± .08mH

B
A4417

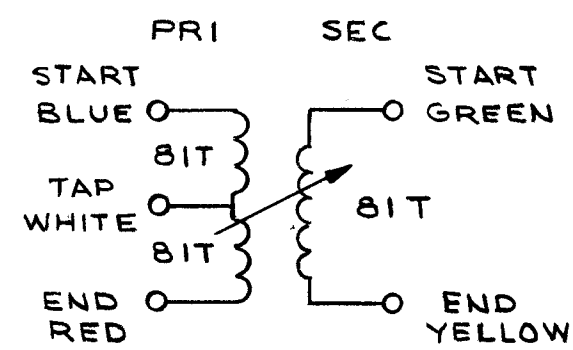
REVISIONS						
BYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
Ø	ORIGINAL RELEASE FOR PRODUCTION	2-16-66	Ø	MLY		JLO
A	-.08mH WAS -8 (INDUCTANCE)	6-23-67	18245	HLL	MLY	RH
B	CHG. W/1104-5/43 TO W/1104-3/43	4/16/71	20328	GE	Q	QEL



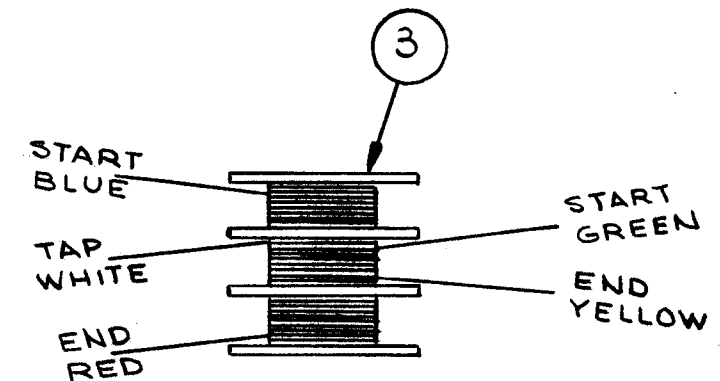
STAMP TMC PART NO. 3/32 HIGH BLACK GOTHIC AS SHOWN W/LATEST REV. LETTER.

WINDING PROCEDURE

- PRIMARY, WIND 162 TURNS (81 TURNS EACH, ON END SECTIONS OF THREE SECTION BOBBIN. BRING OUT CENTER TAP) OF ITEM 6 ON ITEM 3. STAKE WITH ITEM 5.
- SECONDARY, WIND 81 TURNS OF ITEM 6 ON ITEM 3. STAKE WITH ITEM 5.
- KEEP ALL LEADS 1 1/2" LONG.
- STRIP AND TIN ALL LEADS TO WITHIN 3/4" OF COIL.
- COLOR CODE ALL LEADS AS SHOWN IN WIRING DETAIL.
- BAKE COIL FOR 15 MINUTES AT 150° F. REMOVE FROM OVEN AND COAT COIL WITH ITEM 4.
- PLACE ITEM 3 INSIDE OF ITEM 1 AND ASSEMBLE AS PER ASSEMBLY DRAWING.
- BEND THE 4 SMALL TABS DOWN.
- STAMP TMC PART NO. AS SHOWN, W/LATEST REV LETTER.
- TEST INDUCTANCE AND "Q" AS SHOWN ABOVE.
- BAKE COMPLETED ASSEMBLY FOR 1 HOUR AT 212° F.
- REMOVE COMPLETED ASSEMBLY FROM OVEN AND ALLOW TO COOL TO ROOM TEMPERATURE.
- REPEAT STEP # 11.
- TUNE THE CORE INTO THE COIL TO REACH THE INDUCTANCE AS SHOWN ABOVE.
- TEST COIL WITH "Q" METER TYPE 260A (FOR "Q" ONLY).
- SET THE TEST FREQUENCY AS SHOWN ABOVE, AND SET THE (MULTIPLY "Q" BY) TO 2.
- TUNE THE INDUCTANCE DIAL, TO REACH THE MAX. READING ON THE "Q" METER.



SCHEMATIC DIAGRAM



WIRING DIAGRAM

REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
X	7	BS100	SOLDER, TIN ALLOY	
X	6	W1104-3/43 SNQS	WIRE, ELECTRICAL, LITZ	
X	5	GL103	ADHESIVE-N-CEL	
X	4	GL130	ADHESIVE-Q-DOPE	
1	3	CF195-14	FORM, COIL, 4 FLANGE	
1	2	CU 158-2	RETAINER	
1	1	CI197-5	CORE, ADJUSTABLE, TUNING	

POSE

LIST OF MATERIAL

MATERIAL		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
FINISH					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		DRAWN J. LESHINSKI CHECKED [Signature] ELECT. DES. [Signature] MECH. DES.		DATE 2/10/66 DATE 2-15-66 DATE 2-16-66	
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005		FRACTIONS ± 1/64 ANGLES ± 0° 30'		FINAL APPROV. [Signature] DATE 2/16/66 SHEET A 4417	
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.		TOLERANCES		REV. LTR. B	

NOTES

1	CDN-3	A-4954
1	CDN-3	A-4950
Q'TY./UNIT	MODEL USED ON	ASS'Y. NO.
SCALE	CODE	