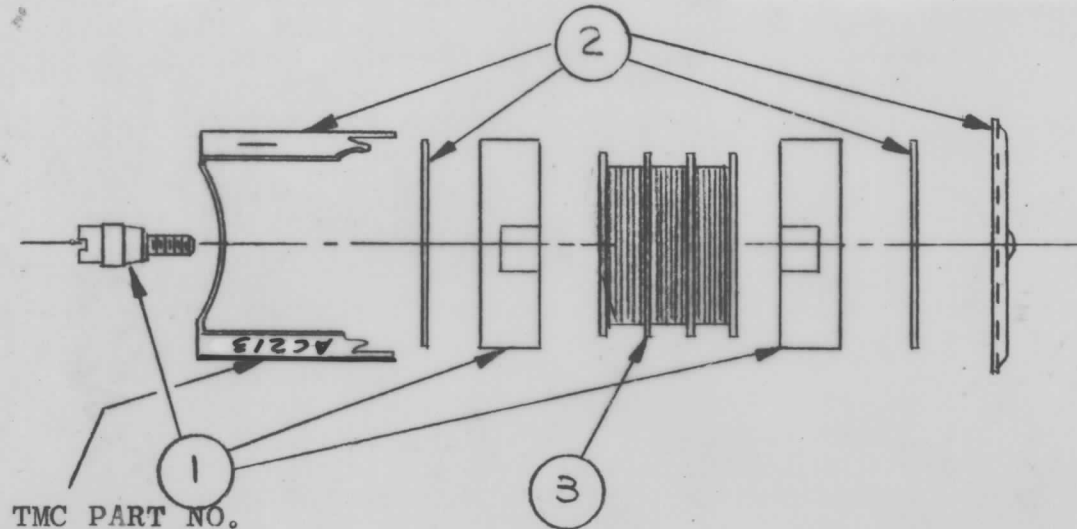


"Q" TEST FREQ.	"Q" MIN.	EXT. CAP. Q METER	NUMBER CODE	SYMBOL	INDUCTANCE	MIN IND	MAX IND
150 KHZ	200			L 403	16.0MH @79KHZ	15	17

A 4437 A

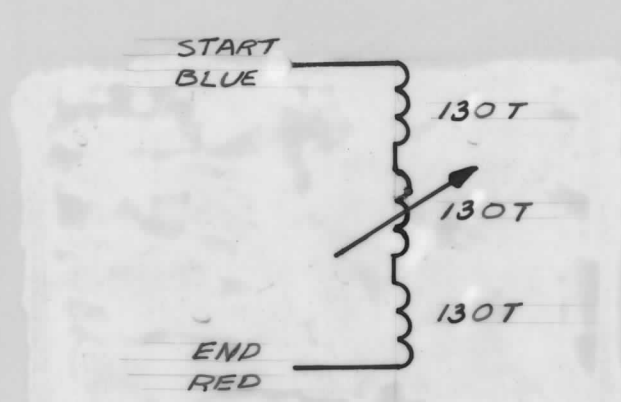
REVISIONS					
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	APPD
Ø	ORIGINAL RELEASE FOR PROD.	2/25/66			
A	CHART REVISED: "MIN & MAX IND" COLS ADDED "WINDING PROC" 390 TURNS WAS 330	6.27.66	16462	WJO	



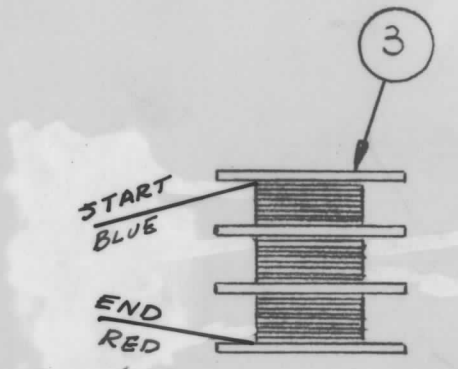
STAMP TMC PART NO.
3/32 HIGH BLACK
GOTHIC AS SHOWN
W/LATEST REV.
LETTER.

WINDING PROCEDURE

- WIND 390 TURNS APPROX. OF ITEM 6 ON ITEM 3, STAKE WITH ITEM 5.
- ITEM 3 IS A THREE SECTION BOBBIN, DIVIDE TURNS EVENLY BETWEEN EACH SECTION
- 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.



SCHMATIC DIAGRAM



WIRING DIAGRAM

REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
X	7	BS100	SOLDER, TIN ALLOY	
X	6	WI104-3/43 SNQS	WIRE, ELECTRICAL, LITZ	
X	5	GL103	ADHESIVE-N-CEL	
X	4	GL130	ADHESIVE-Q-DOPE	
1	3	CF135-14	FORM, COIL, 4 FLANGE	
1	2	CU 158-2	RETAINER	
1	1	CI137-5	CORE, ADJUSTABLE, TUNING	

POSE

LIST OF MATERIAL

MATERIAL	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
FINISH	AC 213 COIL, RF, ADJUSTABLE			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	DRAWN	DATE	FINAL APPROVAL	DATE
	J. LESHINSKI	2/21/66	[Signature]	2/24/66
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	CHECKED	DATE	A 4437	A
	[Signature]	2/21/66		
FRACTIONS ± 1/64 ANGLES ± 0° 30'	ELECT. DES.	DATE	SHEET	REV. LTR.
TOLERANCES	[Signature]	3-23-66		
	MECH. DES.	DATE		

NOTES

1	CDN-3	A-4350
Q'TY./UNIT	MODEL USED ON	ASS'Y. NO.
SCALE	CODE	
#	A	
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