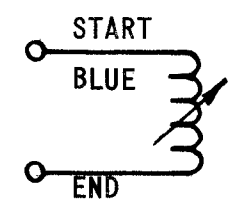
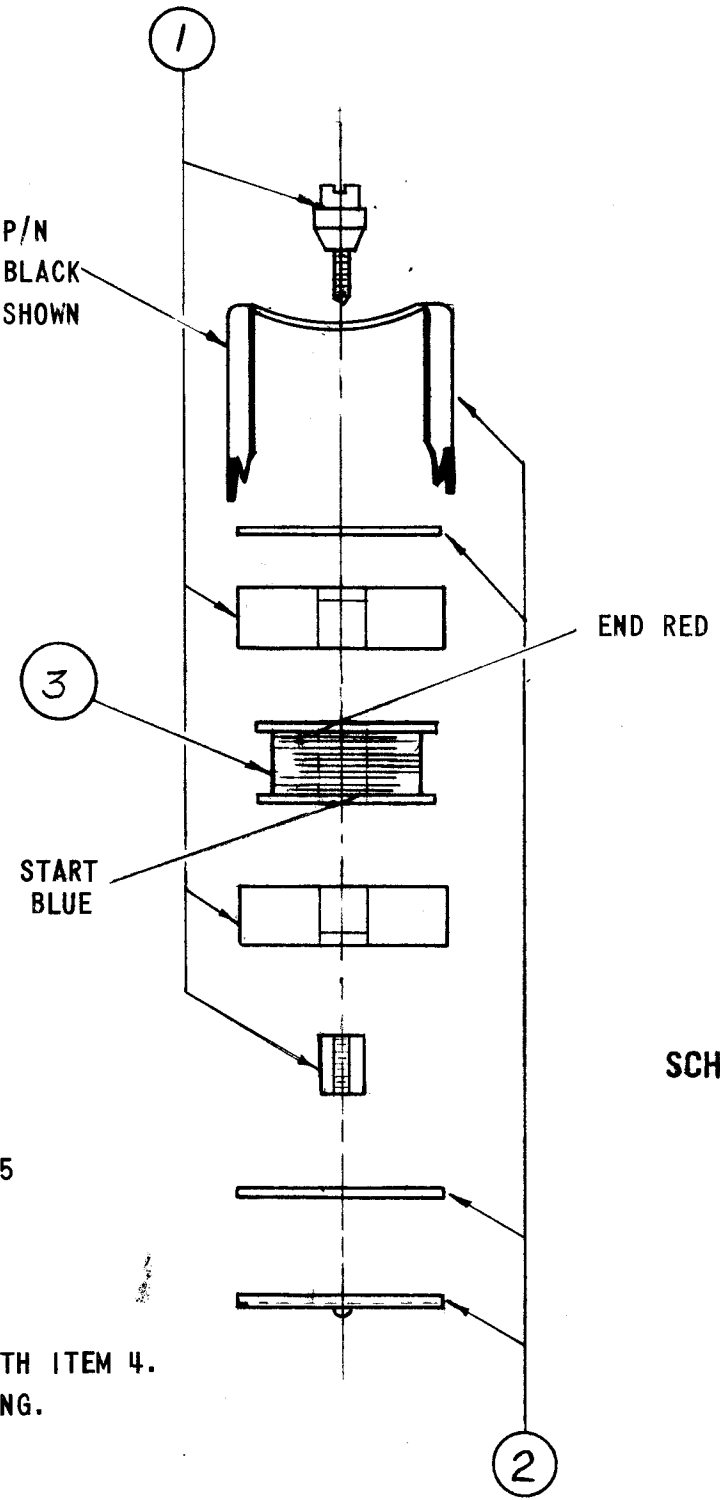


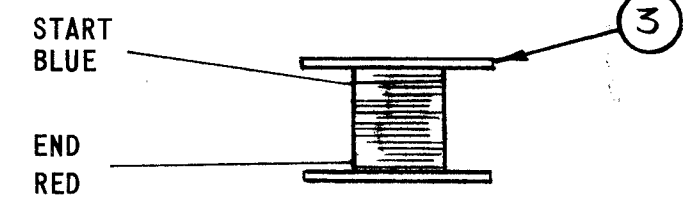
TMC P/N	TURNS REQ (APPROX)	INDUCT uH ±4%	"Q" MIN	"Q" TEST FREQ.
AC220-1	31-1/2	100.0	250	790 Kc
-2	25-1/2	73.0	25	2.5 Mc
-3	21-1/2	51.0	35	
-4	20-1/2	46.0	35	
-5	19-1/2	41.0	38	
-6	19-1/2	39.0	38	
-7	16-1/2	30.5	38	
-8	15-1/2	25.0	38	
-9	14-1/2	21.0	38	
-10	12-1/2	17.5	35	
-11	12-1/2	16.7	35	2.5 Mc

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.NO	DRAFT	CHKD APPD
	X	EXPERIMENTAL RELEASE	9/29/67		C.V.	<i>[Signature]</i>
	Ø	ORIG. RELEASE FOR PROD	1-17-69	Ø	R.G.	<i>[Signature]</i>

STAMP TMC P/N
3/32 HIGH BLACK
GOTHIC AS SHOWN



SCHEMATIC DIAGRAM



WIRING DIAGRAM

WINDING PROCEDURE

1. WIND REQ. TURNS (SEE CHART) OF ITEM 6 ON ITEM 3, STAKE WITH ITEM 5
2. KEEP ALL LEADS 1-1/2" LONG.
3. STRIP AND TIN ALL LEADS TO WITHIN 3/4" OF COIL.
4. COLOR CODE ALL LEADS AS SHOWN IN WIRING DETAIL.
5. BAKE COIL FOR 15 MINUTES AT 150°F. REMOVE FROM OVEN AND COAT WITH ITEM 4.
6. PLACE ITEM 3 INSIDE OF ITEM 1 AND ASSEMBLE AS PER ASSEMBLY DRAWING.
7. BEND THE 4 SMALL TABS DOWN, TOWARD CENTER OF COIL.
8. STAMP TMC P/N AS SHOWN. (SEE CHART)
9. TEST INDUCTANCE AND "Q" AS SHOWN ABOVE. SET INDUCTANCE FIRST.
10. BAKE COMPLETE ASSEMBLY FOR 1 HOUR AT 212°F.
11. REMOVE COMPLETED ASSEMBLY FROM OVEN AND ALLOW TO COOL TO ROOM TEMPERATURE.
12. REPEAT STEP #9..
13. TUNE THE CORE INTO THE COIL TO REACH THE INDUCTANCE AS SHOWN ABOVE.
14. TEST COIL WITH "Q" METER TYPE 260A.
15. WAX CORE IN PLACE AFTER SETTING.
16. INSERT DROP OF ITEM 4 INTO AIR GAP TO SECURE ITEM 3.

REQ'D ITEM	PART NUMBER	DESCRIPTION	SYM.
X 7	BS100	SOLDER, TIN ALLOY	
X 6	W1104-1141SNQS	WIRE, ELECTRICAL, MAGNET LITZ	
X 5	GL103	ADHESIVE-N-CEL	
X 4	GL130	ADHESIVE-Q-DOPE	
I 3	CF135-9	FORM, COIL	
I 2	CU158-1	RETAINER	
I 1	CI137-8	CORE, ADJUSTABLE. TUNING	

0. POSE LIST OF MATERIAL

I	LFE-I	ASS'Y NO.
QTY / UNIT	MODEL USED ON	
APPLICATION		
	CODE	
	A	

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	FINAL APPROVAL <i>[Signature]</i>	DATE 1-17-68
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	FRACTIONS 1/64 ANGLES 0° -30'	MECH. DES. <i>[Signature]</i>
ELECT. DES. <i>[Signature]</i>	CHECKED <i>[Signature]</i>	DATE 1/17/68
MATERIAL	DRAWN <i>[Signature]</i>	DATE 10/3/67
FINISH		

THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
COIL, RF, ADJUSTABLE			
SIZE B	CODE IDENT. NO. 82679	DWG NO. AC 220	ISSUE Ø
SCALE	SHEET		OF