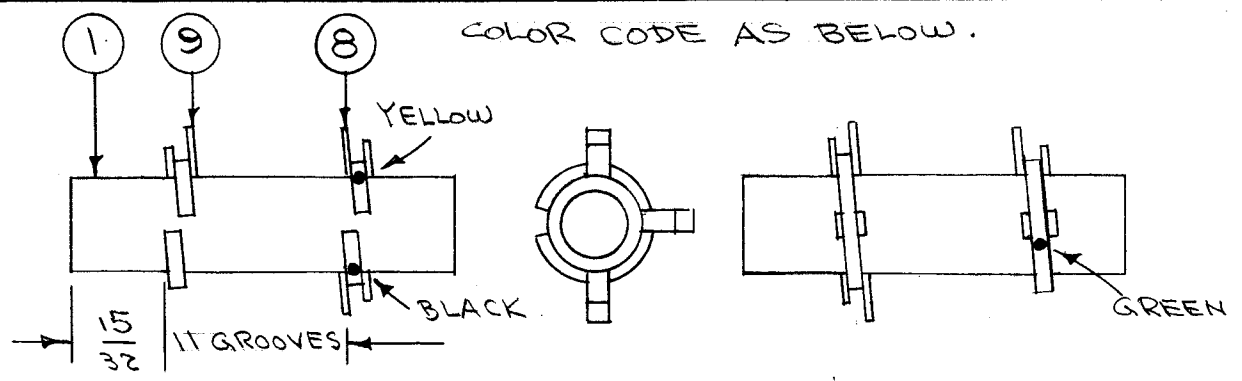
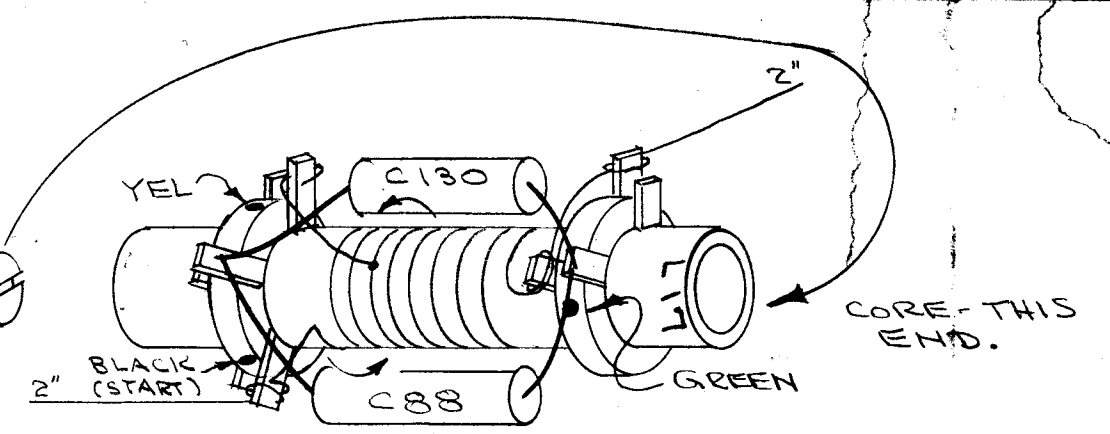
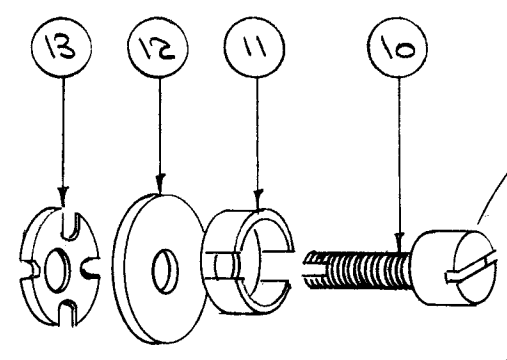


A-1356 D



COLOR CODE AS BELOW.



COIL FORM ASSY.

- 1- SPLIT THE TERMINAL RINGS.
- 2- CEMENT RINGS TO COIL FORM WITH ITEM 6 IN POSITION SHOWN ABOVE. NOTE THAT RINGS ARE ON TOP OF AND FOLLOW A GROOVE. (LUGS AND AREA BETWEEN LUGS MUST BE FREE OF U-85.)
- 3- BAKE FOR 1 HOUR AT 300° F. COOL AT ROOM TEMPERATURE.

WINDING DATA

- NOTE - ALL WIRE USED MUST BE FREE OF KINKS.
- 1- WRAP ITEM 2 AROUND BLACK LUG. WIND ON TIGHTLY IN GROOVES 9 3/4 TURNS. END WITH WRAP AROUND ON GREEN LUG AND DRESS LEAD TO NEXT LUG AS SHOWN. (ALLOW 2" LEAD EACH END FOR TEST PURPOSES.)
 - 2- WRAP ITEM 3 AROUND YELLOW LUG. SOLDER TAP TO COIL AT 2 3/4 TURNS FROM START.
 - 3- COAT WINDING & RINGS WITH ITEM 6. (LUGS & WIRE ON LUGS MUST BE FREE OF U-85).
 - 4- BAKE FOR 1 HOUR AT 300° F. COOL AT ROOM TEMPERATURE.
 - 5- SOLDER CONNECT LEADS AS SHOWN.
 - 6- SOLDER CONNECT CAPACITORS IN PLACE AS SHOWN. KEEP LEADS SHORT BUT DO NOT ALLOW CAPACITORS TO TOUCH A LUG. TIC CAPACITORS TO COIL WITH ITEM 15, SEAL KNOTS WITH ITEM 16.

NOTE - COIL MUST BE INSTALLED IN CHASSIS BEFORE ITEMS 10-11-12-13 ARE CEMENTED TO COIL FORM WITH ITEM 14.

FOR IDENTIFICATION, STAMP THE NUMBER L17 ON THE COIL FORM IN ANY CONVENIENT SPOT.

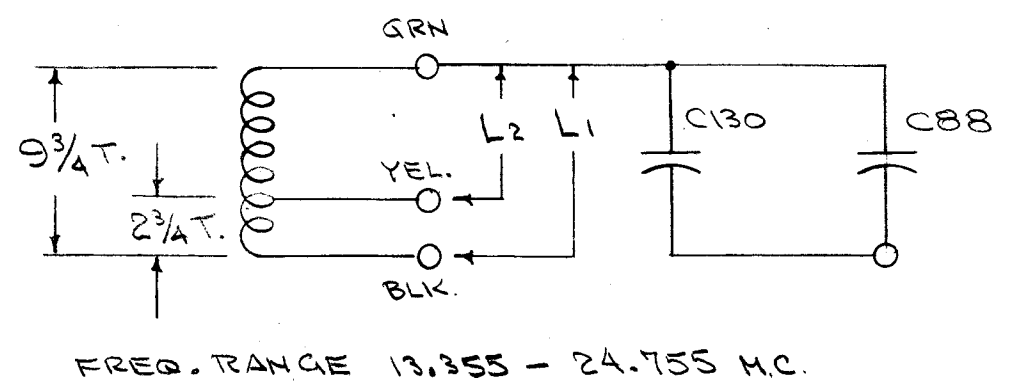
TEST DATA w/o CORE

L1 - 0.76 μ h (0.68 - 0.84) L2 - 0.50 μ h (0.45 - 0.55)
 Q - 195 OR GREATER
 F 25 MC

USE FOR MARK II SERIES ONLY

X	16	GL-103	CEMENT, DUCO	
X	15	CD-101-1 MW	CORD, LACING	
X	14	GL-111	CEMENT, "INSA-LUTE"	
1	13	FS-112	FASTENER	
1	12	WA-125-2	WASHER, FIBER	
1	11	NT-112	NUT, SPEED	
1	10	CI-109-12	CORE	
1	9	TE-146-2A	TERMINAL RING	
1	8	TE-146-3	" "	
X	7	BS-100	SOLDER, SOFT	
X	6	GL-104-2	INSULEX, U85	
1	5	CCASSH 331J	CAPACITOR, FIXED	C88
1	4	CC32SH101J	" "	C130
X	3	WL-100-7	WIRE, BUSS BAR #22	
X	2	WL-100-6	" " " #20	
1	1	PX-323	COIL FORM	

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
COIL, RF, TUNED, OSCILLATOR, BAND 5			
TYPE & TEMPER		HEAT TREAT. SPEC.	DRAWN
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.
DATE		FINAL APPROVAL	



FREQ. RANGE 13.355 - 24.755 MC.

D	IT 15 WAS CD101-3MM	10/19/66	17040	RME	JCB	
C	"Q" 195 WAS 225.	11/16	15224	R.V.	JCB	
B	3 TITLE CHANGED	5/19/60	227	Cy	JCB	
A	1 Items 15, 16 & note added.	2/3/59	737	J.C.B.	JCB	

TOLERANCES		SCALE:	
DEC. DIM. ±	FRAC. DIM. ±	MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES	
ANGULAR DIM. ±		1	GPR-90-RXD
		1	GPR-90
			L17
			5-23-60
			11/5/56

REQ. PER UNIT	MODEL	PROJECT NO.	SYMBOL NO.	DATE

DATE	11/5/56	TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
				P.L.K.		A. J. J.
						A-1356 D