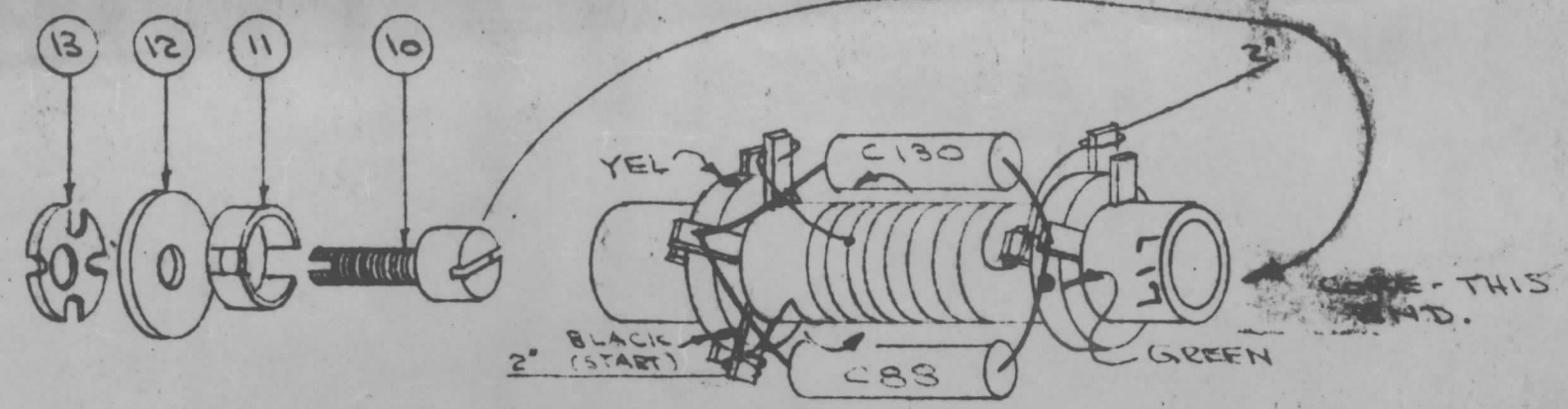
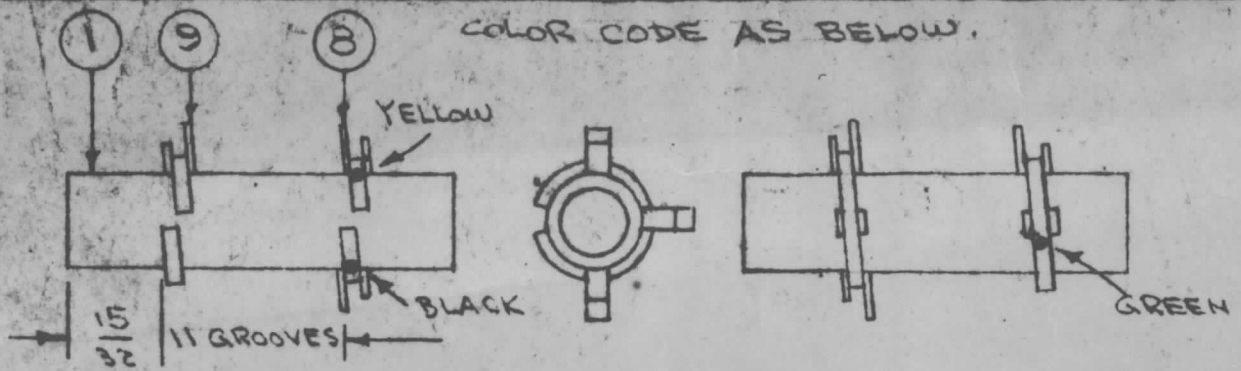


A-902



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.

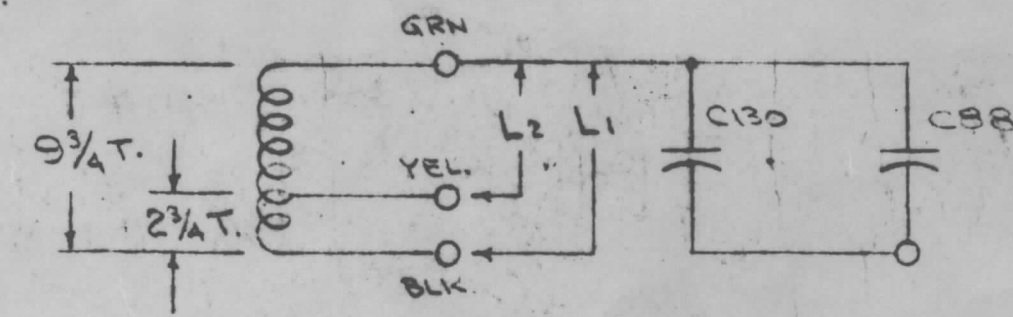
WINDING DATA

- 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.

TEST DATA W/O CORE

L1 - 0.76 μ h (0.68 - 0.84) L2 - 0.50 μ h (0.45 - 0.55)
 Q - 225 OR GREATER
 F 25 MC
 USE BOONTON Q METER 160A OR EQUIV.

USE FOR
MARK I SERIES
ONLY



FREQ. RANGE 17.355 - 24.755 MC
 MARK I

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.

X	14	GU-111	CEMENT, "INSA-LUTE"	
1	13	FS-112	FASTENER	
1	12	WA-125	WASHER, FIBER	
1	11	NT-113	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-10A-2	INSULEX, U85	
1	5	CCASSY 331J	CAPACITOR, FIXED	C88
1	4	CC35GG101J	" "	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			
STOCK SIZE		OSC. COIL ASSY. L17	
MATERIAL		BAND 5	GPR-90
TYPE & TEMPER. HEAT TREAT. SPEC.		CBS 42/36	WIDE
DRAWN		P.I.X.	FINAL APPROVAL
FINISH & SPEC. NO.			A-902

REVISED & REDRAWN	1/2/56	7	JAL	P.L.X.	A.J.J.	
ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES		SCALE:				
DEC. DIM. ±		MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.				
FRAC. DIM. ±		REMOVE ALL BURRS AND SHARP EDGES				
ANGULAR DIM. ±						

1	GPR-90	297		8-2-56
REQ. PER UNIT	MODEL	PROJECT NO.	ASSY. NO.	DATE
USED ON				