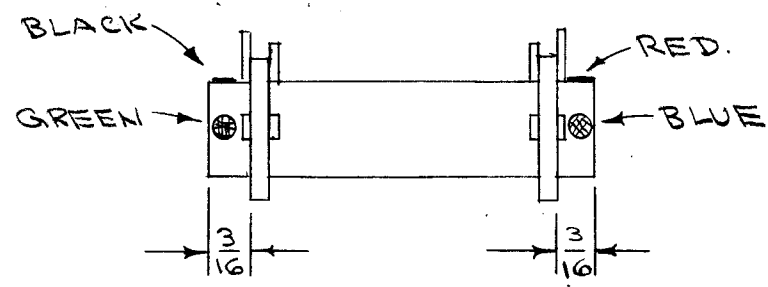


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**COIL FORM ASSY.**

- 1- CEMENT TERMINAL RINGS TO COIL FORM WITH ITEM 3 IN POSITION SHOWN ABOVE.
- 2- COLOR CODE COIL FORM AS ABOVE.

**WINDING MACHINE DATA.**

- PINION GEAR - 25
- RACK GEAR - 100
- DISENGAGE 1:1 IDLER GEAR FROM CAM GEAR.

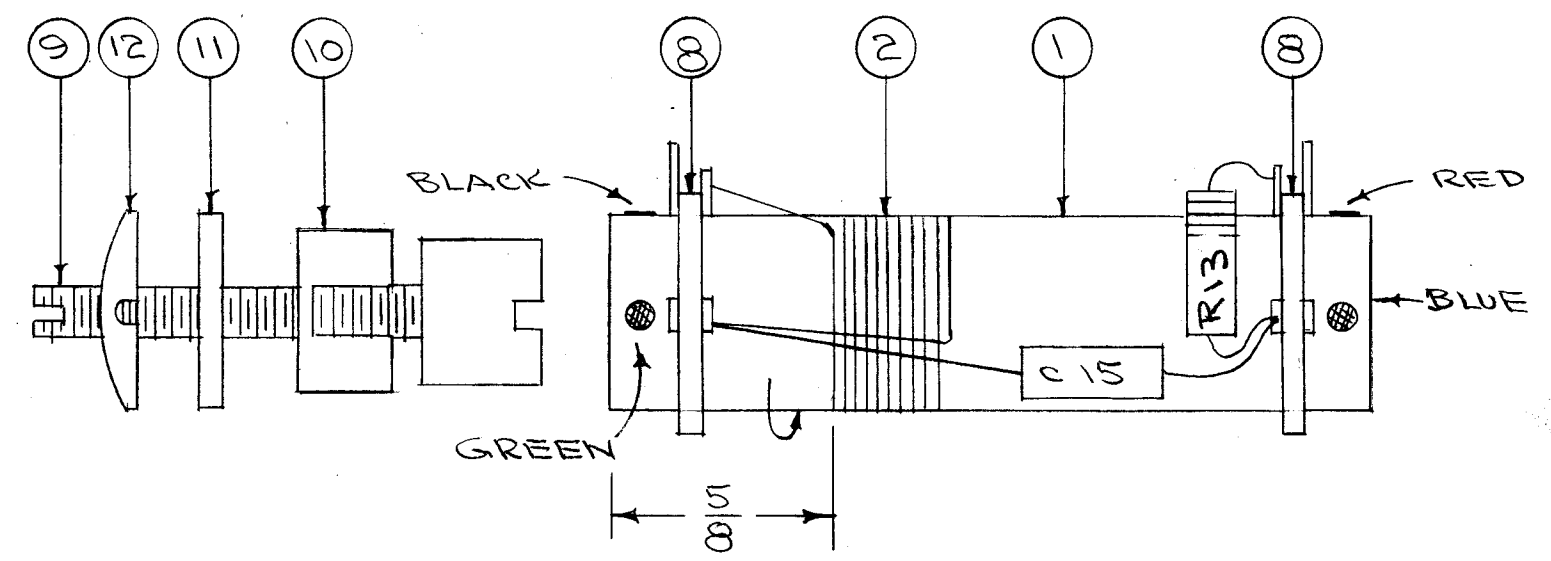
**WINDING DATA.**

- 1- STARTING AT BLACK LUG SPACE WIND 10 1/4 TURNS OF ITEM 2, ENDING AT GREEN LUG.
- 2- STAKE LEADS TO COIL FORM WITH ITEM 3.
- 3- STRIP, TIN & SOLDER LEADS TO LUGS AS SHOWN.
- 4- BAKE FOR 1/2 HOUR AT 215°F.
- 5- SATURATE COIL WITH ITEM 4 AND BAKE FOR 1/2 HOUR AT 215°F.
- 6- REPEAT STEP 5.
- 7- SOLDER TEST LEADS (APPROX. 1/4" OF #22 BUSS) TO LUGS. TEST AS PER CHART BELOW. REMOVE TEST LEADS.
- 8- SOLDER CAPACITOR & RESISTOR IN PLACE AS SHOWN.

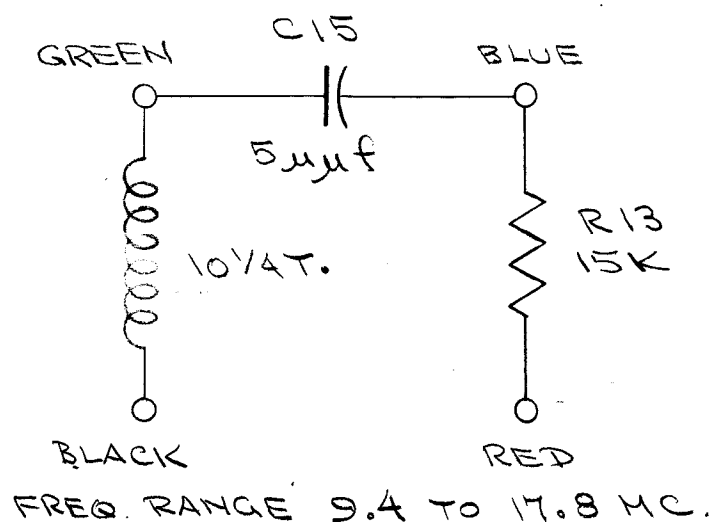
**TEST DATA w/o CORE**

- L - 1.1 (1.04 - 1.16) μh
- Q - 115 OR GREATER
- F - 7.9 MC

USE BOONTON Q METER 160 A OR EQUIVALENT.



NOTE: COIL MUST BE INSTALLED IN CHASSIS BEFORE ITEMS 9-10-11-12 ARE CEMENTED TO COIL FORM WITH ITEM 13. FOR IDENTIFICATION STAMP NUMBER (L11) ON COIL FORM IN ANY CONVENIENT SPOT.



FREQ. RANGE 9.4 TO 17.8 MC.

X	13	GL-111	CEMENT, "INSA-LUTE"	
1	12	FS-112	FASTENER	
1	11	WA-125-2	WASHER, FIBER	
1	10	NT-112	NUT, SPEED	
1	9	CI-109-7	CORE	
2	8	TE-146-2A	TERMINAL RING	
1	7	RC42GF153J	RESISTOR, FIXED	R13
1	6	CM15C050J03YY	CAPACITOR, "	C15
X	5	BS-100	SOLDER, SOFT	
X	4	GL-102	Q, MAX	
X	3	GL-103	CEMENT	
X	2	WI-107-5	WIRE, MAGNET 24 DSC	
1	1	CF-112	COIL FORM	

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
<b>THE TECHNICAL MATERIEL CORP.</b> MAMARONECK, NEW YORK			
<b>TRANSFORMER, RF</b> <b>TUNED, BAND 5</b>			
MATERIAL		DATE: 7/30/56	DRAWN: P.L.X.
TYPE & TEMPER		HEAT TREAT. SPEC.	CHECKED: [Signature]
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
H		ITEM 6 WAS CC21SL050C	3-30-67	18057	LA.K.	[Signature]	[Signature]
G	3	CHANGE TITLE	5				
	2	NT-112 WAS NT-113	19 60	2271	Cy	[Signature]	[Signature]
	1	WA125-2 WAS WA-125					
F	2	L WAS 1.1 (1.05-1.15)	11/15/56	6	LG	P.L.X.	A.J.J.
	1	Q WAS 125					
E	1	REDRAWN COMPLETE REVISION	7/30/56	5	COO	P.L.X.	A.J.J.

TOLERANCES		SCALE:
DEC. DIM. ±		1 GPR-90-RXD
FRAC. DIM. ±		1 GPR-90
ANGULAR DIM. ±		REQ. PER UNIT

REQ. PER UNIT	MODEL	PROJECT NO.	SYMBOL NO.	DATE
1	GPR-90-RXD		L11	5-23-60
1	GPR-90	297	L11	7-30-56
1				

USED ON

A 965 H