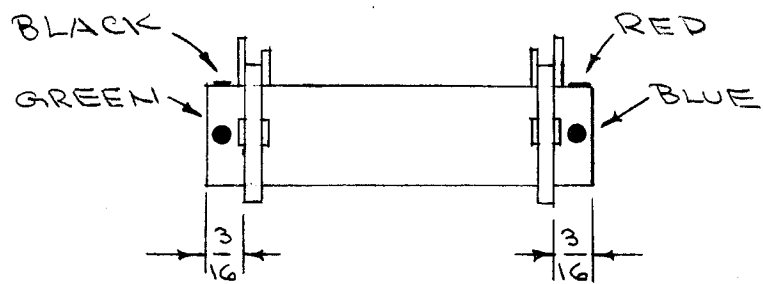


H
106
A



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

RACK GEAR - 40
RACK DRIVER - 100

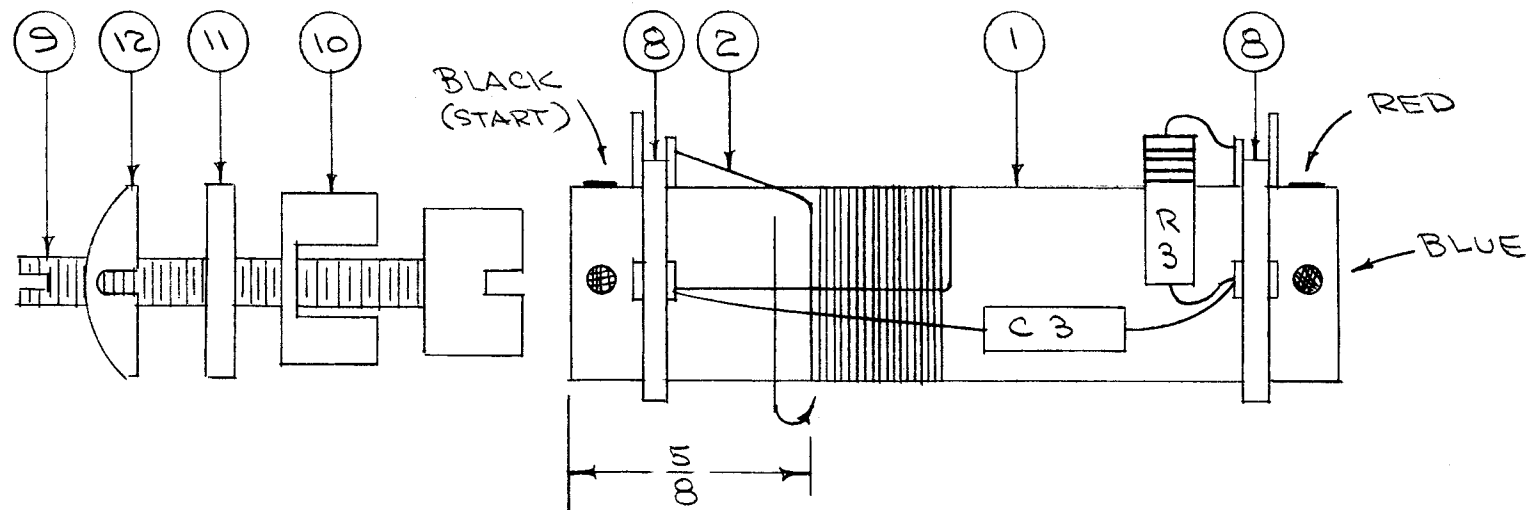
WINDING DATA

- 1- STARTING AT BLACK LUG, 19/4 SPACE WOUND TURNS OF ITEM 2 ENDING ON GREEN LUG.
- 2- STAKE LEADS TO COIL FORM WITH ITEM 3.
- SOLDER LEADS TO LUGS AS SHOWN.
- 3- BAKE FOR 1/2 HOUR AT 215°F.
- 4- SATURATE COIL WITH ITEM 4. BAKE FOR 1/2 HOUR AT 215°F.
- 5- REPEAT STEP 4.
- 6- SOLDER CONNECT CAPACITOR & RESISTOR AS SHOWN.
- 7- SOLDER CONNECT TEST LEADS TO LUG. (APPROX 1/4" #22 BUSS BAR). TEST AS BELOW. REMOVE TEST LEADS.

TEST DATA w/o CORE

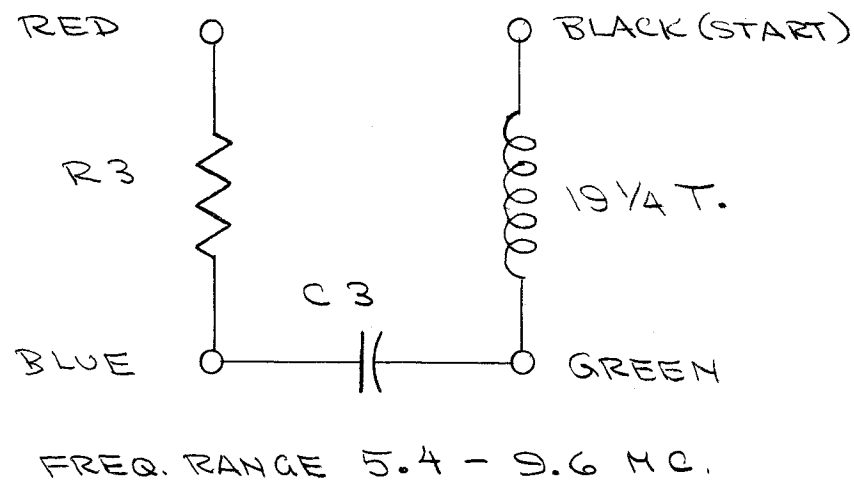
L - 3.4 μ h (3.2 - 3.6)
Q - 120 OR GREATER
F - 7.9 MC

USE BOONTON Q METER 160A 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 THE NUMBER L4 ON THE COIL FORM IN ANY CONVENIENT SPOT.



FREQ. RANGE 5.4 - 9.6 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	CM15C050J03YY	CAPACITOR, FIXED	C3
1	6	RC20GF472J	RESISTOR, FIXED	R3
X	5	BS-100	SOLDER, SOFT	
X	4	GL-102	Q MAX	
X	3	GL-103	CEMENT, DUCO	
X	2	WI-107-11	WIRE, MAGNET #30DSC	
1	1	CF-112	COIL FORM	

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
TRANSFORMER, RF, TUNED, BAND 4			
MATERIAL		STOCK SIZE	
TYPE & TEMPER		HEAT TREAT. SPEC.	
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
H		ITEM 7 WAS CM15C050J03YY	7-11-75	21246	GLD	CL	CL
G		ITEM 7 WAS CC21SLOSOC	3-30-67	18057	L.A.K.	CL	CL
F	3	CHANGE TITLE	5-19-60	227	Cy	JCB	MD
E	2	NT-112 WAS NT-113					
E	1	WA-125-2 WAS WA125					
E	1	L WAS 3.35 (3.18-3.52)	11/15/56	5	KG	P.L.K.	A.J.J.
D	1	REF 120 WAS 134	7/31/56	4	COO	P.L.K.	A.J.J.
		COMPLETE REVISION					

1	GPR-90-RXD			5-23-60
1	GPR-90	297	L4	7-31-6
REQ. PER UNIT	MODEL	PROJECT NO.	SYMBOL NO.	DATE
USED ON				