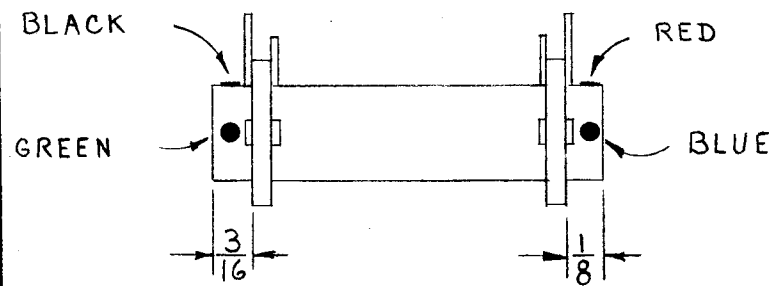


B  
A-1898



**COIL FORM ASS'Y.**

- 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	48
RACK DRIVER	80
CAM	.125
CAM GEAR	49
DRIVER GEAR	95

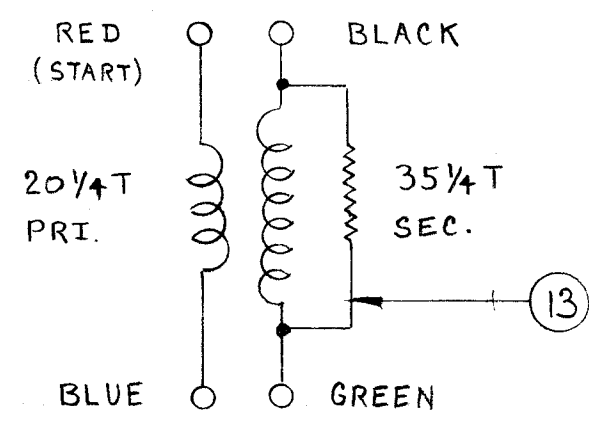
**WINDING DATA**

- 1- SECONDARY- STARTING AT BLACK LUG, CLOSE WIND 35 1/4 TURNS OF ITEM 2, END AT GREEN LUG.
- 2- PRIMARY- STARTING AT RED LUG, UNIVERSAL WIND 20 1/4 TURNS OF ITEM 6, END AT BLUE LUG.
- 3- STAKE LEADS TO COIL FORM WITH ITEM 3. STRIP TIN & SOLDER CONNECT LEADS AS SHOWN
- 4- BAKE FOR 1/2 HOUR AT 215° F.
- 5- SATURATE COILS WITH ITEM 4. BAKE FOR 1/2 HOUR AT 215° F.
- 6- REPEAT STEP 5
- 7- SOLDER TEST LEADS (APPROX. 1/4" # 22 BUSS BAR) TO LUGS. TEST AS BELOW. REMOVE TEST LEADS.

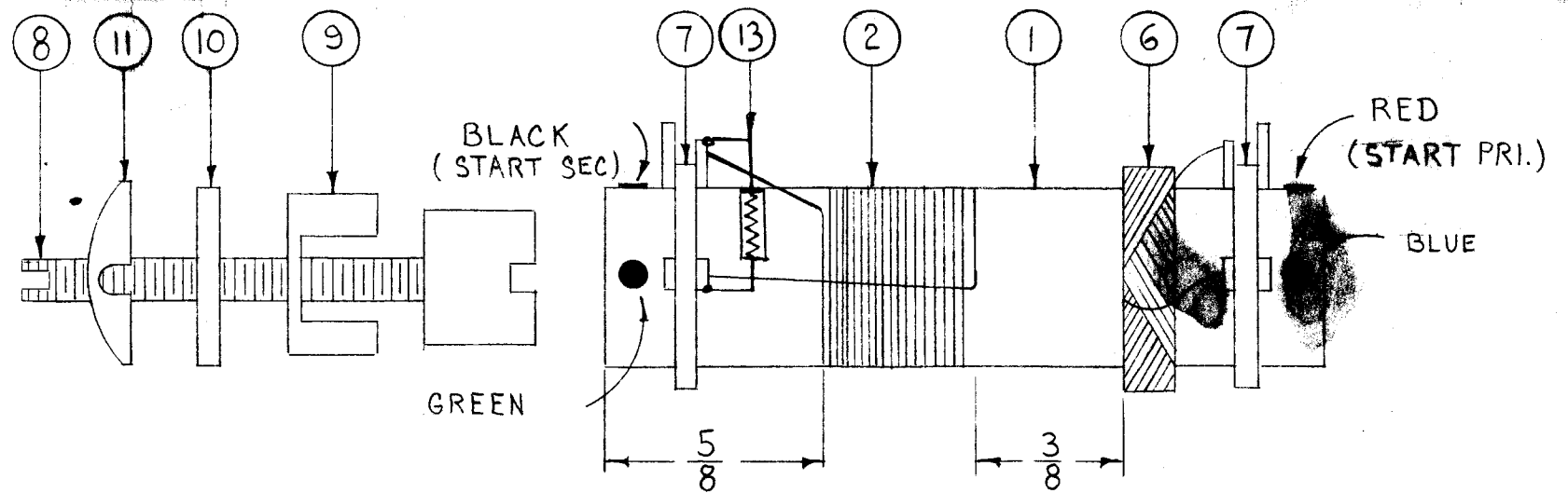
**TEST DATA % CORE**

WINDING	* L uh	* Q	F
PRI.	9.0 (8.5-9.5)	55 OR GREATER	7.9 MC
+ SEC.	9.7 (9.2-10.2)	85 " "	2.5 MC

\* USE BOONTON Q METER 160 A OR EQUIVALENT.  
+ MEASURE "Q" w/O ITEM 13



FREQ. RANGE 3.2 - 5.6 MC.



NOTE - COIL MUST BE INSTALLED IN CHASSIS BEFORE ITEM 8-9-10-11 ARE CEMENTED TO COIL FORM WITH ITEM 12.

FOR IDENTIFICATION STAMP NUMBER TT-108 ON COIL FORM IN ANY CONVENIENT SPOT.

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
1	13	RC 20GF103J	RESISTOR, FIXED, COMP.	RI09
X	12	GL-111	ADHESIVE	
1	11	FS-112	FASTENER	
1	10	WA-125-2	WASHER, FIBER	
1	9	NT-112	NUT, SPEED	
1	8	CI-109-10	CORE	
2	7	TE-146-2A	TERMINAL, RING	
PRI.	X	6	WI-107-17	WIRE, MAGNET, #36 DSC
	X	5	BS-100	SOLDER, SOFT
	X	4	GL-102	ADHESIVE, Q-MAX.
	X	3	GL-103	ADHESIVE, DUCO
SEC.	X	2	WI-107-11	WIRE, MAGNET, #30 DSC
	1	1	CF-112	FORM, COIL

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
<b>THE TECHNICAL MATERIEL CORP.</b> MAMARONECK, NEW YORK				
STOCK SIZE				
MATERIAL				
TT-108 ASS'Y				
TRANSFORMER, R.F. TUNED, BAND 3				
TYPE & TEMPER		HEAT TREAT. SPEC.		FINAL APPROVAL
DRAWN		CHECKED		
FINISH & SPEC. NO.		ELEC. DES. APP.		MECH. DES. APP.

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
B	1	ITEM 13 WAS RC 20GF103K	9-27-66	16899	G.DL	QCB	MC
A	1	IN BUILD UP, ITEM (13) SYM. ADDED, DESCRIPTIONS MOD.	8-14-63	9759	AK	JAY	LG

TOLERANCES: DEC. DIM. ±, FRAC. DIM. ±, ANGULAR DIM. ±  
SCALE: MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

1	GPR-90RXD	L9	5-2-60
REQ. PER UNIT	MODEL	PROJECT NO.	DATE
USED ON			