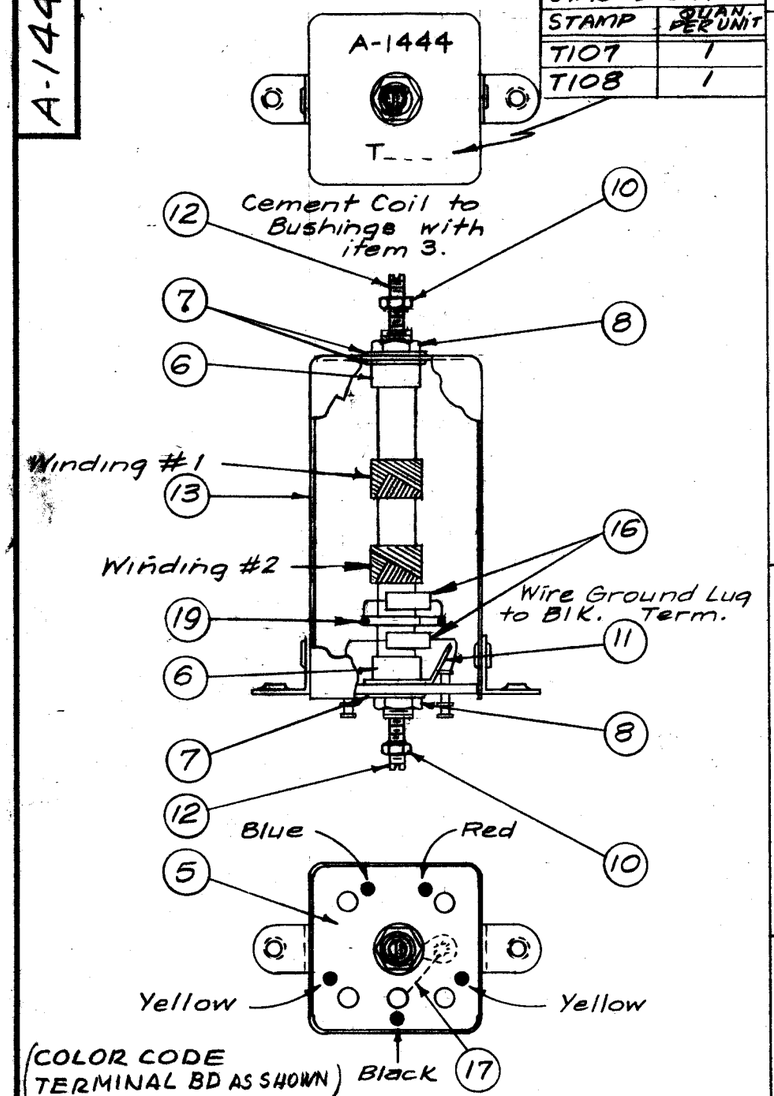
J

A-1444

Stamp Can as Shown - 1/8 high black Gothic.
Note - Stamp TMC Insigna & Approval on Side of Can.

SYMBOL STAMP	
STAMP	QUAN. PER UNIT
T107	1
T108	1



(COLOR CODE TERMINAL BD AS SHOWN)

Winding Machine Data.

Cam Gear 105
Driver Gear 69
Cam .250

Winding Data

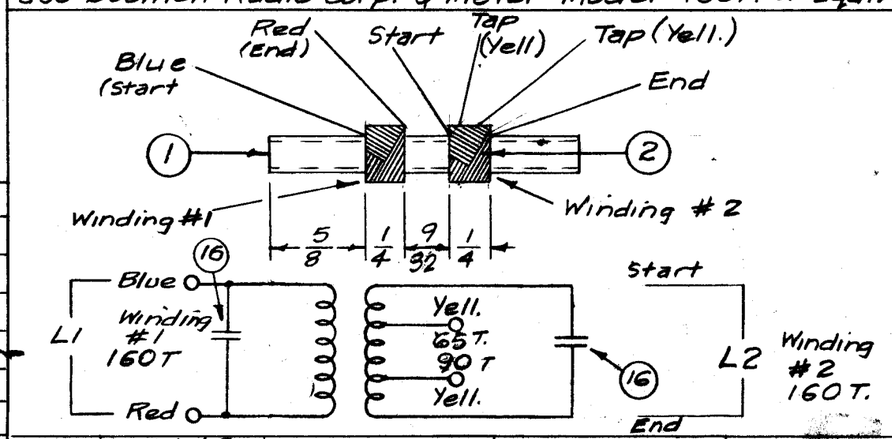
1. Start Winding #1, 5/8" from end of form.
2. End Winding #1 at 160 turns.
3. Keep all leads approx. 3" long.
4. Stake leads to coil form with GL-103 (item 3)
5. Start Winding #2 9/32" from end of Winding #1.
6. Bring out tap at 65 turns and 90 turns.
7. End Winding #2 at 160 turns.
8. Stake leads to coil form.
9. Bake for 1/2 hour at 215° F.
10. Immediately apply coating of GL-104-2 (item 4)
11. Bake hard for 1/2 hour at 215° F.
12. Test as below.
13. Assemble as shown at left.

Test Data (without Core)

Winding #1 L1 (Blue ~~Red~~) - 140 TO 155 microhenries. Q = 45 or Greater. Freq. = 790 Kc.

Winding #2 L2 (Start-End) 140 TO 150 microhenries. Q = 45 or Greater. Freq. = 790 Kc.

Use Boonton Radio Corp. Q Meter Model 160A or Equiv.



ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
J		L1 WAS 145 TO 155 UH ON L2 145 UH DEL	6-26-76	21426	G.O.L.	CV	CV
H		DELE. IT. 14; ADD. IT. 19; REV. WINDING, TEST & SCHEM.	3/26/66	15842	H.C.A.		
G		ON WINDING DATA "158" WAS "166" "67" WAS "70" "94" WAS "96" ON SCHEM. DELE. IT. 15	7-2-65	14390	H.L.A.		
F	1	IT. 15 (RC20GF223K) DELETED.	2-25-65	13564	J.L.		
E	1	NOTE: NO LONGER USED REPLACED BY T100 DELE.	6/16/64	11591	A.M.		

TOLERANCES — SCALE: — 2-941

DEC. DIM. ±
FRAC. DIM. ±
ANGULAR DIM. ±

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

REQ. PER UNIT	MODEL	PROJECT NO.	SYMBOL NO.	DATE
1 Ea.	SEE-1 & 2		T107, T108	8-1-57

USED ON

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
1	19	TE181-2	Terminal, Ring Type	
	18			
X	17	WL-100-7	Wire, Buss	
2	16	CM20D162G	Capacitor, Fixed, Mica	
	15	DELETED		
	14	DELETED		
1	13	A-1440	Can Ass'y.	
2	12	CI-116-6	Core, Tuning	Yell.
1	11	TE-104-3	Lug	
2	10	NTH0348BC6	Nut, Hex.	
X	9	BS-100	Solder, Soft	
2	8	NTH0832BC8	Nut, Hex.	
3	7	LWI08MRC	Lockwasher, Int.	
2	6	SM-140-2	Bushing, Coil Mtg.	
1	5	PX-380	Terminal Board	
X	4	GL-104-2	Insulex, U85	
X	3	GL-103	Cement, Duco	
X	2	WI-107-17	Magnet Wire, DSC (Size 36)	
1	1	CF-122-2.062	Coil Form, .250 O.D.	

STOCK SIZE

MATERIAL

TYPE & TEMPER — HEAT TREAT. SPEC.

FINISH & SPEC. NO.

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

TRANSFORMER, 270 Kc
T107, T108

DRAWN	CHECKED	FINAL AP
H 8/1/57		

14

A-1444 J

Stamp Can as Shown - 1/8 high black Gothic.
Note - Stamp TMC Insigna & Approval on Side of Can.

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STAMP	QUAN. PER UNIT
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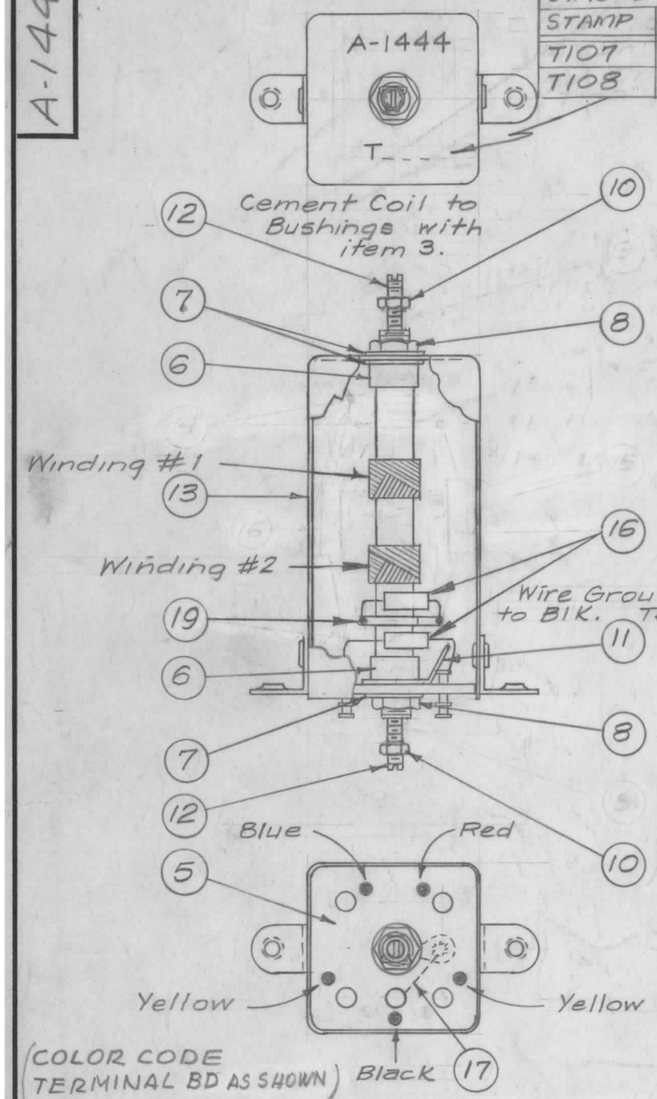
T108	1



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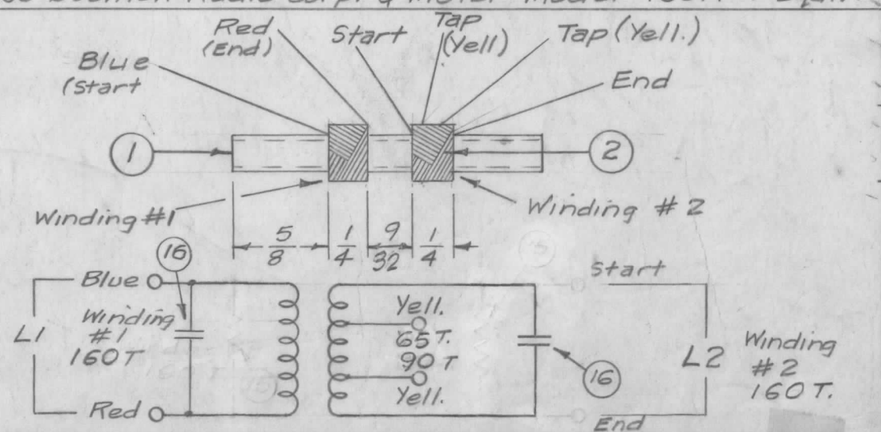

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
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	18			
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2	16	CM20D162G	Capacitor, Fixed, Mica	
	15	DELETED		
	14	DELETED		
1	13	A-1440	Can Ass'y.	
2	12	CI-116-6	Core, Tuning	Yell.
1	11	TE-104-3	Lug	
2	10	NTH0348BC6	Nut, Hex.	
X	9	BS-100	Solder, Soft	
2	8	NTH0832BC8	Nut, Hex.	
3	7	LWI08MRC	Lockwasher, Int.	
2	6	SM-140-2	Bushing, Coil Mtg.	
1	5	PX-380	Terminal Board	
X	4	GL-104-2	Insulex, U85	
X	3	GL-103	Cement, Duco	
X	2	WI-107-17	Magnet Wire, DSC (Size 36)	
1	1	CF-122-2.062	Coil Form, .250 O.D.	

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G		ON WINDING DATA "158" WAS "166"; "67" WAS "70", "94" WAS "96"; ON SCHEM. DELE. IT. 15	7-2-65	14390	HLA		
F	1	IT. 15 (RC20GF223K) DELETED.	2-25-65	13564	R.F.		
E	1	NOTE: NO LONGER USED REPLACED BY T1100 DELE.	6/16/64	11591	A.M.		

TOLERANCES

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FRAC. DIM. ±
ANGULAR DIM. ±

SCALE:

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USED ON

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MATERIAL

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MAMARONECK. NEW YORK

TRANSFORMER, 270 Kc
T107, T108

DRAWN	CHECKED	FINAL AP
W 8/1/57	HLA	ABB
2B	RWB	A-14

ELEC. DES. APP. | MECH. DES. APP.