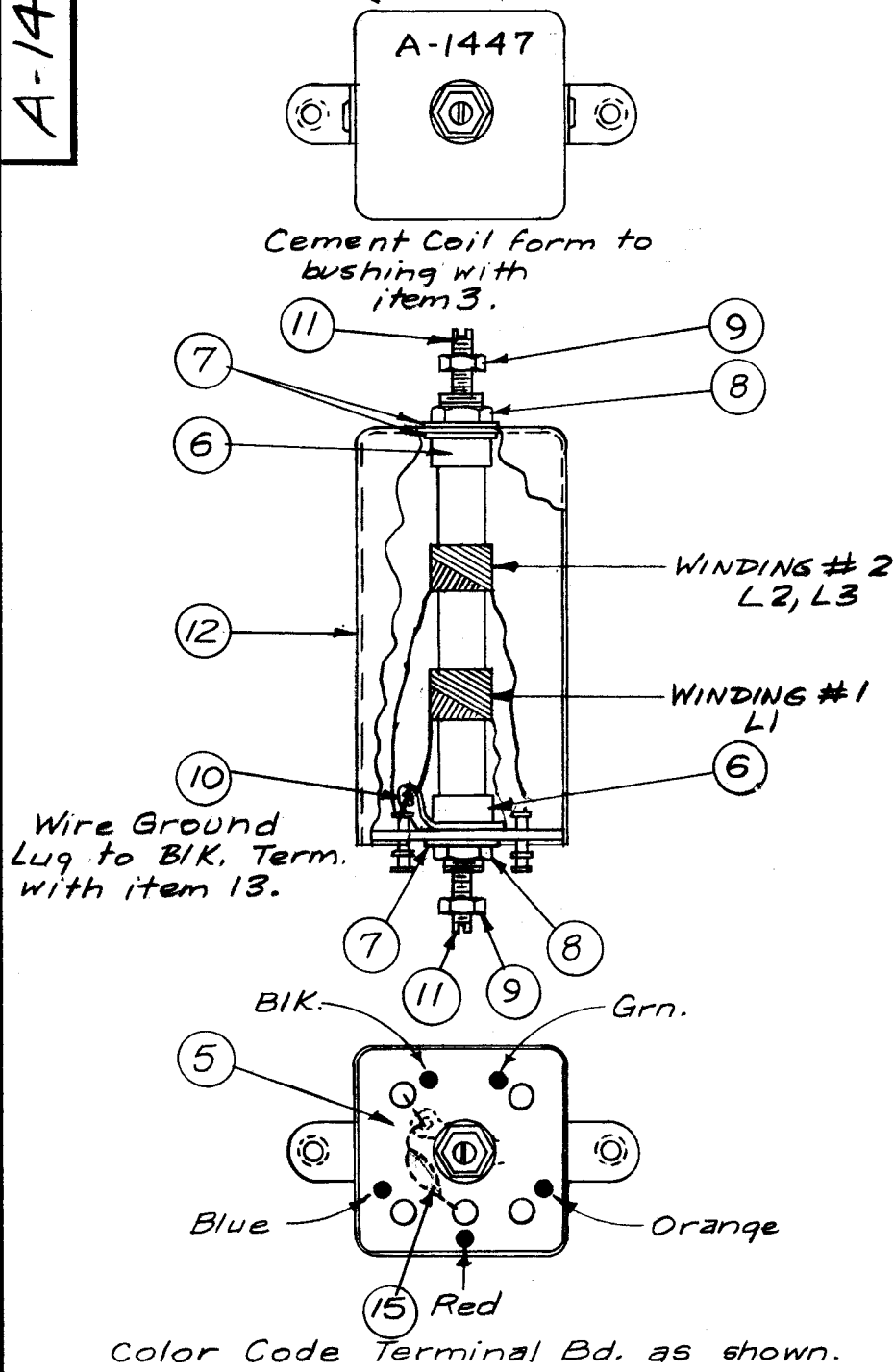


A-1447C

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



Winding Machine Data

Cam Gear 105
 Driver Gear 69
 Cam .250

Winding Data

1. Start Winding #1 9/16" from end of form.
2. End Winding #1 at 60 turns.
3. Keep all leads approx. 3" long.
4. Stake lead to coil form with GL-103 (item 3).
5. Start Winding #2 1/16" from end of Winding #2.
6. Bring out tap at 62 turns.
7. End Winding #2 at 120 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.

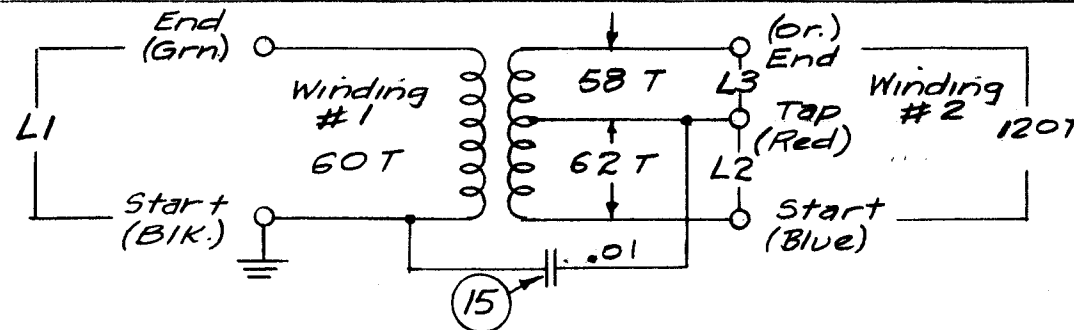
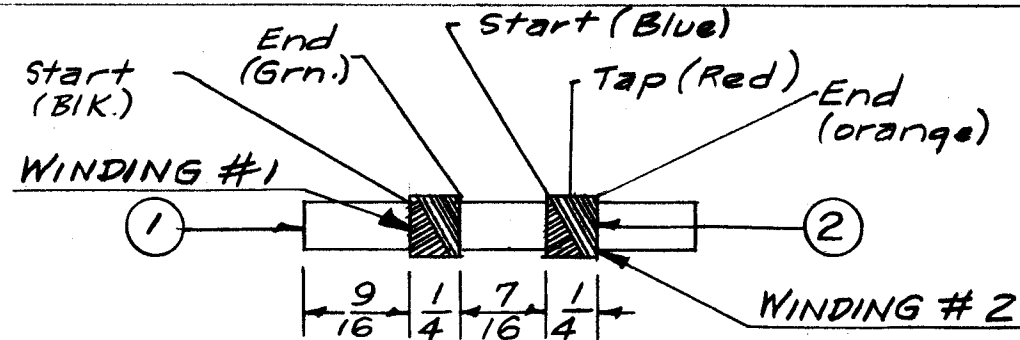
Test Data (w/o CORE)

Winding #1 L1 (Blk.-Grn.) 20 (19 to 21) μ hy.
 Q = 55 or Greater Freq. = 2.5 Mc.

Winding #2 L2 (Blue-Red) 22.5 μ hy Approx.
 Q = 45 or Greater Freq. = 2.5 Mc.

Winding #2 L3 (Orange-Red) 27 μ hy Approx.
 Q = 30 Approx. Freq. = 2.5 Mc

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



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 MAMARONECK, NEW YORK

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL	
1	15	CC-100-16	Capacitor, Fixed .01	
X	14	BS-100	Solder, Soft	
X	13	WL-100-7	Wire, Buss	
1	12	A-1440	Can Ass'y.	
2	11	CI-116-5	Core, Tuning	Red
1	10	TE-104-3	Lug	
2	9	NTH034BBC6	Nut, Hex.	
2	8	NTH0B32BC8	Nut, Hex.	
3	7	LW108MRC	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-104-541-5CQS	Wire, Litz	
1	1	CF-122-2.062	Coil Form, .250 OD	

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
C	1	ON TEST DATA ALL FREQ. WERE 2AMC	6-7-61	5022	W.A.F.	<i>[Signature]</i>	
B	2	Q WAS 45 OR GREATER	8/12/58	423	A.C.	<i>[Signature]</i>	AMB
A	1	item 15 Added	9/19/57	1	16	<i>[Signature]</i>	AMB

TOLERANCES: SCALE: 1-10 37

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.	ASS'Y. NO.	DATE
1	SBE-1	7109	8-8-57	

USED ON

STOCK SIZE	MATERIAL	TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
				16 8/15/57	<i>[Signature]</i>	<i>[Signature]</i>
						A-1447 C

THE TECHNICAL MATERIEL CORP.
 MAMARONECK, NEW YORK
 TRANSFORMER, 2-4 Mc,
 MF MOD.