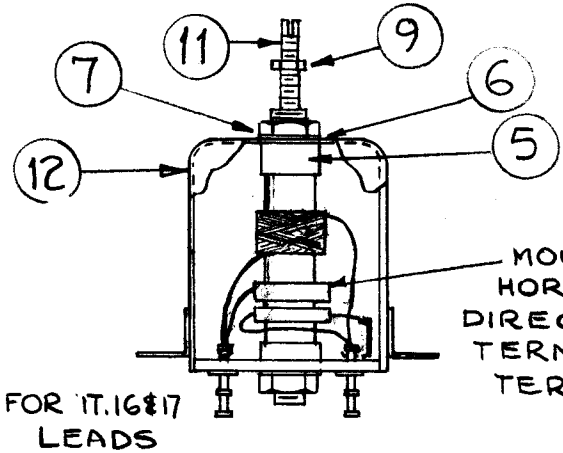


A-1969 E

STAMP CAN AS SHOWN 1/8 HIGH BLACK GOTHIC. NOTE ~ STAMP TMC IN SIGNIA & APPROVAL ON SIDE OF CAN.

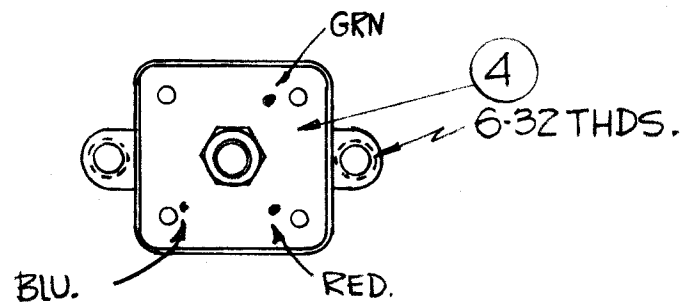


CEMENT COIL FORM TO BUSHINGS WITH GL-103.



MOUNT IT.16 & IT.17 HORIZONTALLY DIRECTLY TO TERM. BOARD TERMINALS.

FOR IT.16 & IT.17 LEADS



WINDING MACHINE DATA (FOR PI WINDING)

Cam Gear 105  
Driver Gear 69  
Cam .250

WINDING DATA

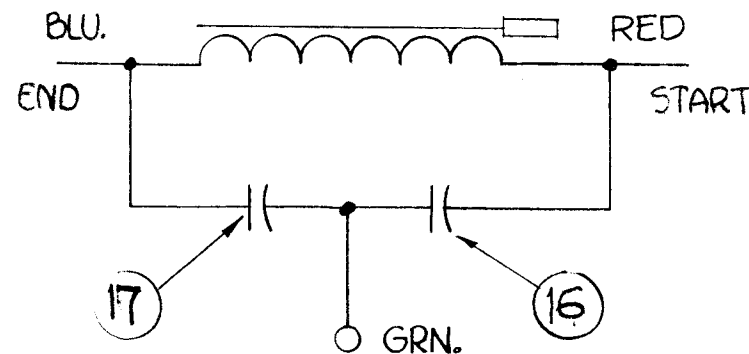
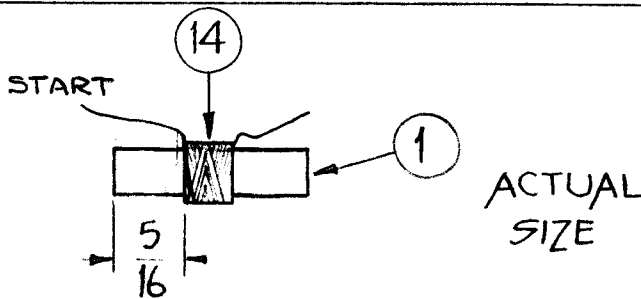
1. Start winding 5/16" from end of form.
2. End winding at 160 turns.
3. Keep all leads approximately 3" long.
4. Stake leads to coil form with GL-103.
5. Bake for 1/2 hour at 215° F.
6. Immediately apply coating of GL-104-2.
7. Bake hard for 1/2 hour at 215° F.
8. Test as shown in test data.
9. Assemble as shown at left.

TEST DATA (W/OUT CORE)

L = 140 μh ± 10%  
Q = 40 MINIMUM  
Freq = 790 KC

Use Boonton Radio Corporation Q Meter Model 160 A Or Equivalent.

	18	DELETED		
1	17	CM15F111J03	Capacitor, Fixed, Mica	
1	16	CM15F511J03	Capacitor, Fixed, Mica	
	15	DELETED		
X	14	WI-107-17	Wire, Magnet #36 DSC	
	13	DELETED		
1	12	A-1950-4	Can. Assembly	
1	11	CI-116-5	Core Tuning	Red
	10	DELETED		
1	9	NTH0348BN6	Nut, Hex	
X	8	BS-100	Solder, Soft	
2	7	NTH0832BN10	Nut, Hex	
2	6	LWI08MRN	Lockwasher, Int.	
2	5	SM-140-2	Bushing, Coil Mtg.	
1	4	PX-585-1	Terminal Board	
X	3	GL-104-2	Insulox, U85	
X	2	GL-103	Cement, Duco	
1	1	CF-122-1.00	Coil Form .250 O.D.	



E		IT.16 WAS CM15B111J IT.17 WAS CM15B511J IT.18 (PX104-3-.022 DEL)	10.24.66	17079	WHW	<i>[Signature]</i>
D	4 3 2 1	WINDING DATA & PIC. UPD. IT.15 TE-153-1 DELETED IT.13 WL-100-B DELE. IT.10 PX-104-6-.022 DELE.	9.3.64	12182	AB	<i>[Signature]</i>
C	1	ON TEST DATA "L" WAS 140 ± 10%	6-7-61	5013	W.F.	<i>[Signature]</i>
B	2 1	Test Data Minimum added to Q Winding Data: Approx added to Z	3.30.61	4530	DM	<i>[Signature]</i>
A	2 1	END WINDING @ 160 Turns was 170. L WAS 170 μh (165 TO 175)	12/14/60	3767	DM	<i>[Signature]</i>
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER
TOLERANCES		SCALE:				

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

1	CHG-1	OSC		9-14-60
REQ. PER UNIT	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
USED ON				

**THE TECHNICAL MATERIEL CORP.**  
MAMARONECK, NEW YORK

**AC-131 COIL ASS'Y.**

GUB IMC TANK

TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.	
				A-1969 E