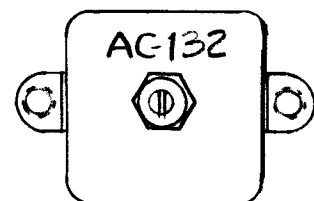
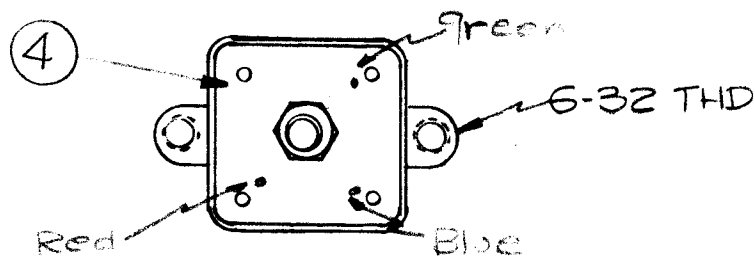
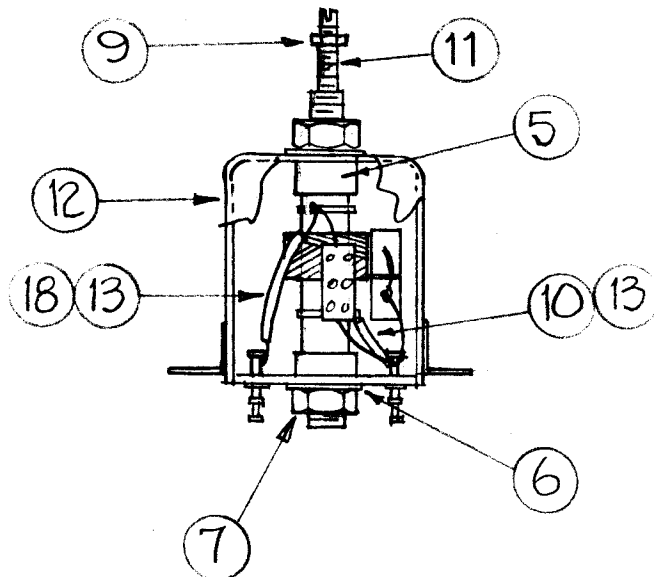


A-1970 E

STAMP CAN AS SHOWN 1/8 HIGH BLACK GOTHIC. NOTE - STAMP TMC INSIGNIA AND APPROVAL ON SIDE OF CAN.



CEMENT COIL FORMS TO BUSHINGS WITH GL-103.



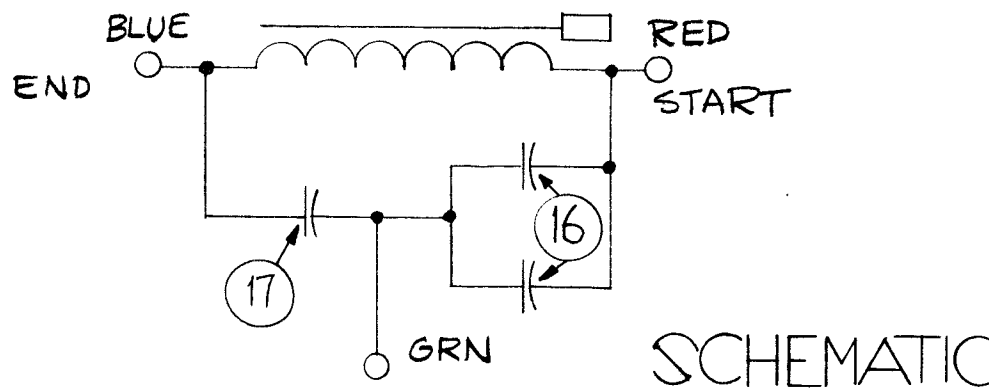
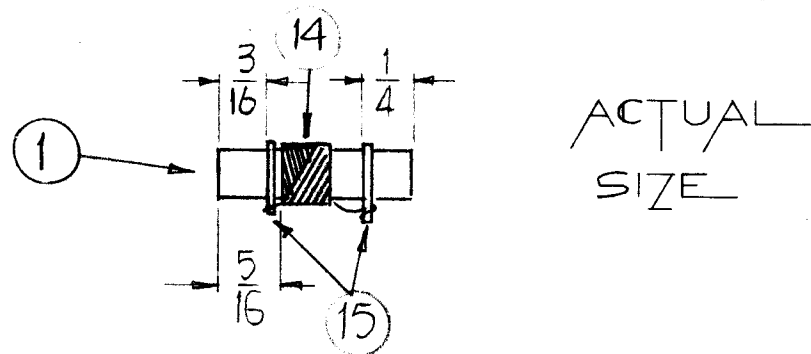
COLOR CODE TERMINAL BOARD AS SHOWN.

WINDING MACHINE DATA

Cam Gear 105
Driver Gear 69
Cam .250

WINDING MACHINE 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.



TEST DATA (W/OUT CORE)

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

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

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
X 18	PX-104-3-.022	Sleeving	Red
1 17	CM15F151JO3	Capacitor, Fixed, Mica	
2 16	CM15F511JO3	Capacitor, Fixed, Mica	
2 15	TE-153-1	Terminal, Ring Type	
X 14	WI-107-17	Wire, Magnet #36 DSB	
X 13	WL-100-8	Wire, Buss-Bar #24	
1 12	A-1950-4	Can Assembly	
1 11	CI-116-5	Core Tuning	Red
X 10	PX-104-6-.022	Sleeving	Blue
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	Insulex, U85	
X 2	GL-103	Cement, Duco	
1 1	CF-122-1.00	Coil, .250 O.D.	

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

AC-132, COIL ASS'Y

GAHS IMC AMPLIFIER TUNING

STOCK SIZE

MATERIAL

TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
		D. R. J.	A. W. J.	A. J. J.
FINISH & SPEC. NO.		ELEC. DES. APP. MECH. DES. APP.		A-1970 E

ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
E	IT.17 WAS CM15B151J IT.16 WAS CM15B511J	11.1.66	17128	WAO	JCB	
D 1	ON TEST DATA "L" WAS 140 ± 4 μh	6-7-61	5013	M. G. F.	JCB	
C 2	ON TEST DATA Q WAS 40 MIN WAS 9:40	4-3-61	4569	W. A. F.	JCB	
B 2	ON WINDING DATA #2 ADDED WORD APPROX END WINDING AT 160 TURNS WAS 170	12/1/60	3767	D. M. J.	JCB	
A 1	L WAS 170 μh (165 TO 175) SCHEMATIC REVISED (COLOR)	11/1/60	3354	D. M. J.	JCB	

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

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