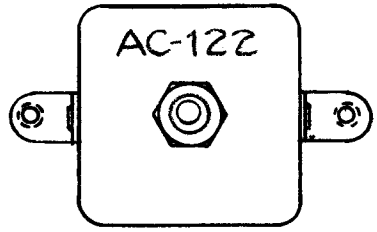
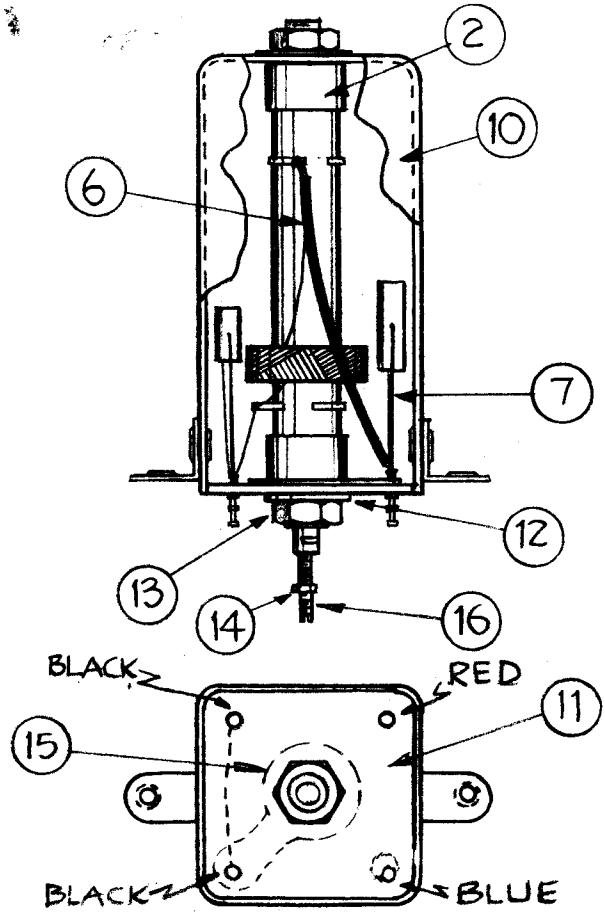


A-1893

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



CEMENT COIL FORM TO BUSHING WITH ITEMS



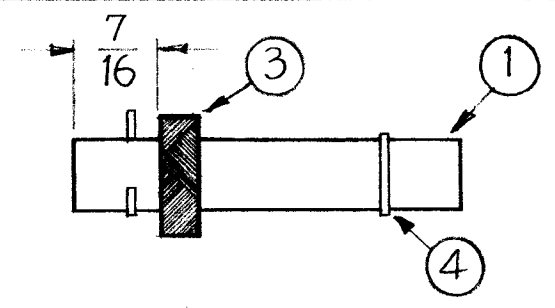
COLOR CODE TERMINAL BOARD AS SHOWN

**WINDING MACHINE DATA**

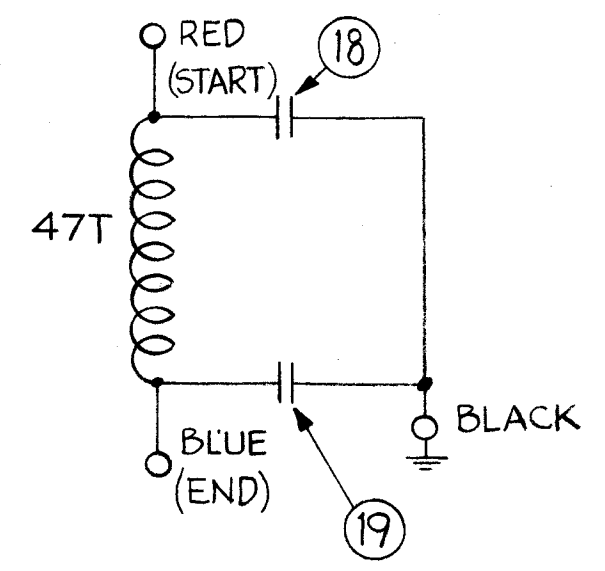
Cam Gear 104  
Price Gear 68  
Cam .187

**WINDING DATA**

1. Start winding 7/16 form end of form.
2. End winding at 47 turns.
3. Keep all leads approximately 3" long.
4. Stake leads to coil form W/GL-103.
5. Assemble ring terminals (Item 4) on form as shown and stake W/GL-104-2 (Item 8). Position rings as shown.
6. Fasten ends of WI-104-541 (Item 3) to ring terminals.
7. Bake unit for 1/2 hour at 215° F.
8. Coat windings and ring terminals W/GL-104-2.
9. Bake hard for 1/2 hour at 215° F.
10. Test as shown below.
11. Assemble as shown.



COLOR CODE FOR TERMINAL BOARD SHOWN BELOW



TEST DATA (W/OUT CORE)  
L = 25 Microhenries + 3 uh  
Q = 40 or Greater  
Freq. = 2.5 MC.  
  
Use Boonton Radio Corp. Q Meter Model 160 A Or Equiv.

1	19	CM35F822603	CAPACITOR, FIXED
1	18	CM20F102603	CAPACITOR, FIXED
X	17	BS-100	SOLDER, SOFT
1	16	CI-109-7	CORE, TUNING
1	15	TE-104-5	TERMINAL, COCHING
1	14	NTH0632BN8	NUT, HEX.
2	13	NT-102	NUT, HEX.
2	12	LWI25MRN	LOCKWASHER
1	11	PX-547	TERMINAL BOARD
1	10	A-1513	CAN ASSEMBLY
X	9	GL-104-2	INSULEX U 85
X	8	GL-103	CEMENT DUCO
X	7	PX-104-7-034	INSULATION, SLEEVING
X	6	PX-104-6-022	INSULATION, SLEEVING
X	5	WL-100-8	WIRE, BUSS BAR #24
2	4	TE-153-2	TERMINAL, RING
X	3	WI-104-541 DSQS	WIRE, MAGNET, 5/41 LITZ
2	2	SM-145	BUSHING, COIL MOUNTING
1	1	CF-117-2.0	COIL FORM 3/8" OD

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
<b>THE TECHNICAL MATERIEL CORP.</b> MAMARONECK, NEW YORK			
AC-122 ASSEMBLY TRANSFORMER IMC			
TYPE & TEMPER		HEAT TREAT. SPEC.	FINISH & SPEC. NO.
DRAWN		CHECKED	FINAL APPROVAL
ELEC. DES. APP.		MECH. DES. APP.	A-1893 C

C	B/U UPDATED (18619)	2.1.67	17767	WHD	QC	QC	
B	IT. 13 WAS NTH2528BN14	9-12-66	16837	RME	QC	QC	
A	3 Item 7 Was PX-100-8-034 2 Item 6 Was PX-100-6-022 1 All Hardware Was Cadmium Plated	3-6-62	6425	LG	QC	QC	
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES			SCALE:				
DEC. DIM. ±			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.				
FRAC. DIM. ±			REMOVE ALL BURRS AND SHARP EDGES				
ANGULAR DIM. ±							

REQ. PER UNIT	MODEL	PROJECT NO.	ASSY. NO.	DATE
	CSS-1			5-3-60
USED ON				