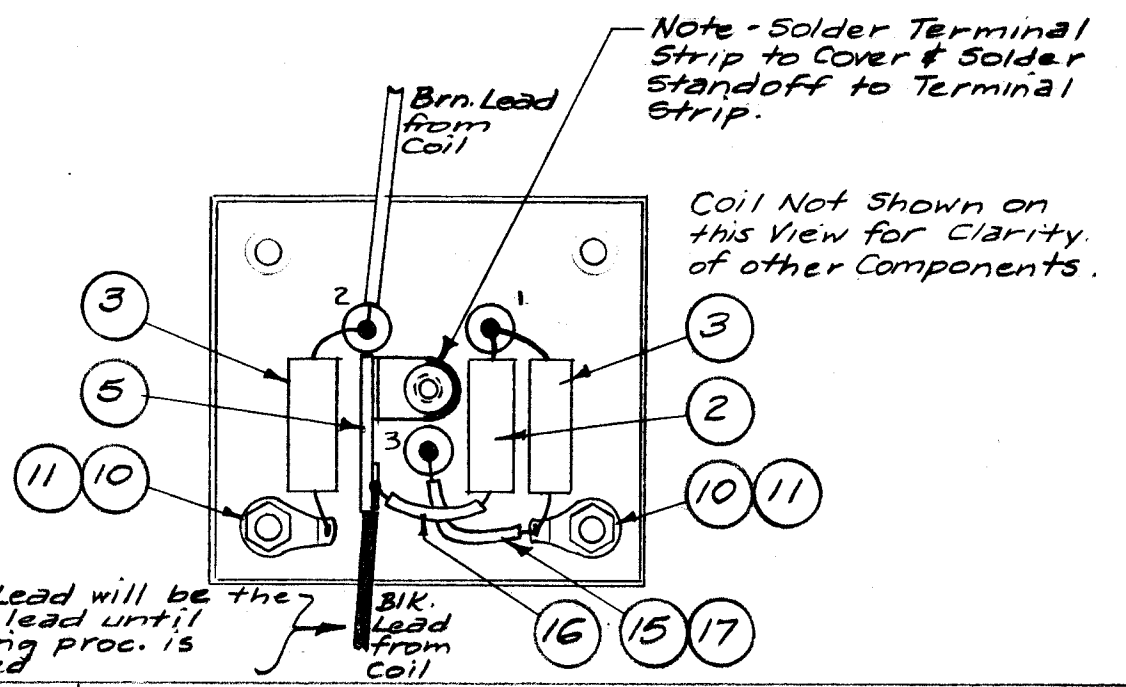
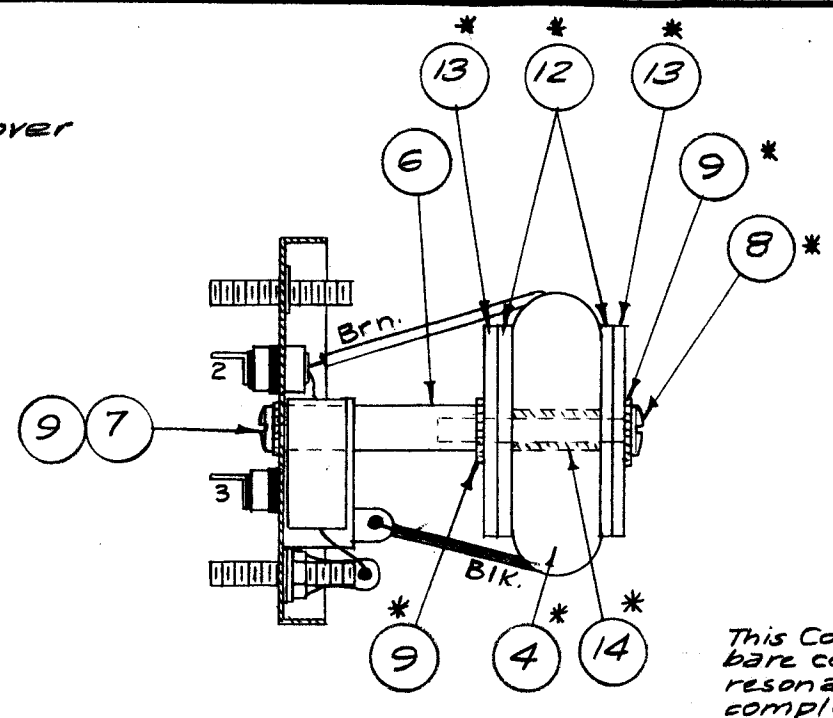
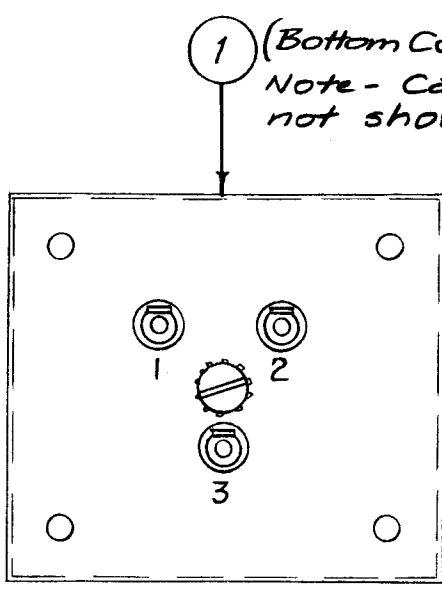


A-1652 B



This Coil Lead will be the bare coil lead until resonating proc. is completed

**NOTICE TO PERSONS RECEIVING THIS DRAWING**

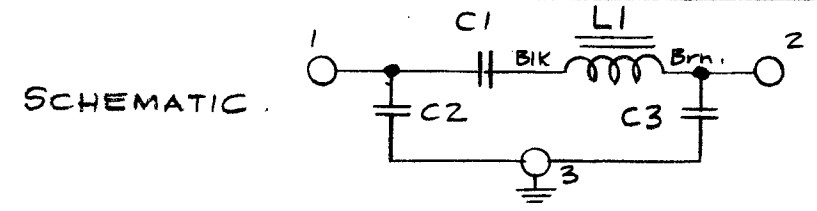
THE TECHNICAL MATERIEL CORPORATION claims proprietary right in the material disclosed hereon. This drawing is issued in confidence for engineering information only and may not be reproduced or used to manufacture anything shown hereon without permission from THE TECHNICAL MATERIEL CORPORATION to the user. This drawing is loaned for mutual assistance and is subject to recall at any time.

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MAMARONECK, NEW YORK

**PROCEDURE:**

1. Mount all components as shown except coil and Associated Hardware (Indicated by \*)
2. Coil must not be mounted in the fixed position shown until it has been resonated with the other components as per Specification S-418. (Steps III, IV, and V)
3. After completing Step 2, mount coil as shown.  
NOTE:  
Coil must be kept with components it was resonated with.
4. Solder all contacts.
5. Place coil and cover assembly into can.
6. Place Top Cover into Can.
7. Solder all around edge of both covers. (Outside surface must be smooth.)
8. Finish as follows:  
S-114 - Zinc Chromate Primer  
S-115 - Smooth Grey Enamel All surfaces except term. end
9. Stamp top of unit with "FX-157", in black Gothic.
10. Refer to S-418, Step VI, for Final Test

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
X	18	BS-100	SOLDER, SOFT	
7/8	17	PX-10 <sub>1</sub> -1-.022	INSULATION, SLEEVEING (SIZE 24)	
3/4	16	PX-10 <sub>1</sub> -4-.034	INSULATION, SLEEVEING (SIZE 20)	
X	15	WL-100-7	WIRE, BUSS (SIZE 22)	
5/8	14	PX-100-1-.148	INSULATION, SLEEVEING (SIZE 7)	
2	13	FW-100-2AL	WASHER, FLAT	
2	12	GA-140-1N8	GASKET, NEOPRENE	
2	11	NTH0632BN8	NUT, HEXAGON	
2	10	TE-104-2	LUG, LOCKING	
3	9	LWEO6MRN	LOCKWASHER, EXTERNAL	
1	8	SCBS0632BN22	SCREW, MACHINE	
1	7	SCBS0632BN6	SCREW, MACHINE	
1	6	TE-135-5	SPACER, THREADED, 1" LG.	
2	5	TM-117-1	TERMINAL STRIP	
1	4	CL-157	COIL, AF	L1
2	3	CN108C4702J	CAPACITOR, FIXED, MYLAR	C2, 3
1	2	CM30E362G	CAPACITOR, FIXED, MICA	C1
1	1	BX-175	CASE AND COVER	



ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
B	1	CN108C4702J (ITEM 3) WAS CN108C4700J	11-23-59	1587	DM	file	GB
A	1	Item 3 Part number added	11/18/59	1560	DM	file	GB

TOLERANCES: DEC. DIM. ±, FRAC. DIM. ±, ANGULAR DIM. ±

SCALE:  $\frac{1}{8}$

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	FX-157	TTG		2-26-59
USED ON				

TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
		RWP	AB	A-1652 B
FINISH & SPEC. NO.				
ELEC. DES. APP. MECH. DES. APP.				