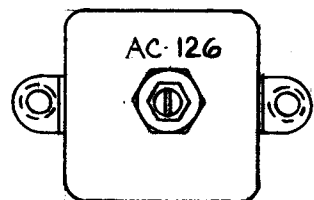
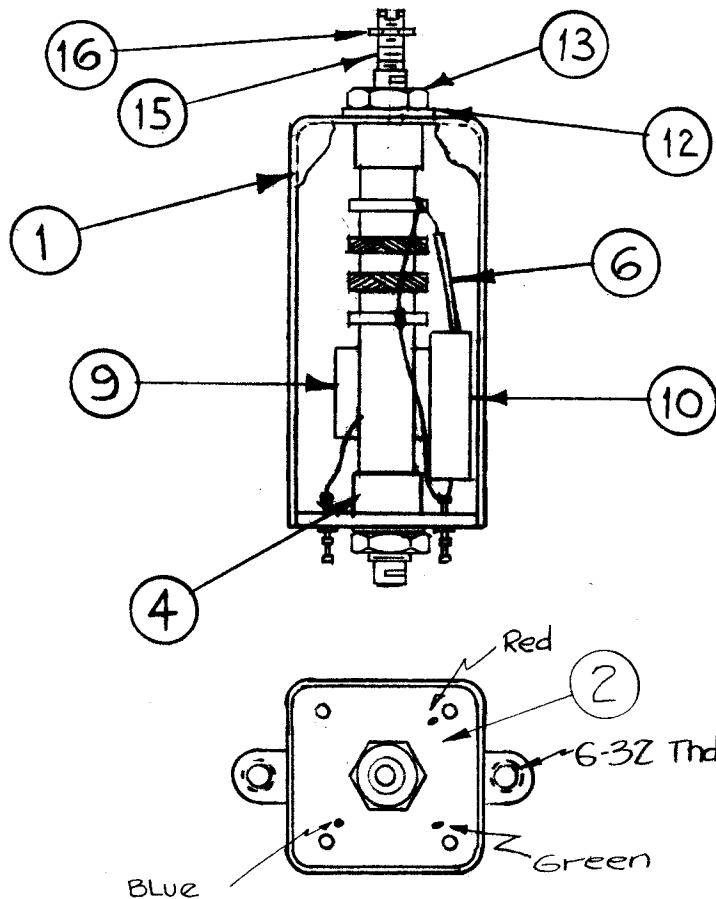


A-1955 H

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



CEMENT COIL FORMS TO BUSHINGS WITH GL-103



COLOR CODE TERMINAL BOARD AS SHOWN.

H		IT-10 WAS CM30D302G IT-9 WAS CM20C681K	11-1-66	17128	Wtw		
G	1	UPDATED	12/16/62	10473			
F	1	ITEM 3 WAS CF-117-2.00	7-12-62	6928			
E	1	Item 3 WAS CF-117-1.07	11-14-61	5835	GH		
D	2	ADDED TOL. DIM & NOTE TO TOL. CHART ON TEST DATA L WAS 540UH (I 15)	5-3-61	4806	W.H.F.		
C	5	ITEM 1 WAS A-1950-2					
	4	ITEM 3 WAS CF-117-1.0					
	3	ITEM 10 WAS CC-100-21					
	2	ITEM 11 RIVAN WAS 1	3-11-61	A395	W.H.F.		
	1	ACTUAL SIZE OF ARMY ORIGINAL DRAWING ON ACTUAL SIZE DWG. 1/4" DIA DELETED 1/8" DIA ADDED. WINDS START 4ENHANCED ON SCHEMATIC-FINISH WAS 3 END.	12/21/60	3797	DM		
B	2	Item 9 WAS CM20C681K					
A	1	Item 10 WAS CM20C162K	11-15-60	3479	RH		

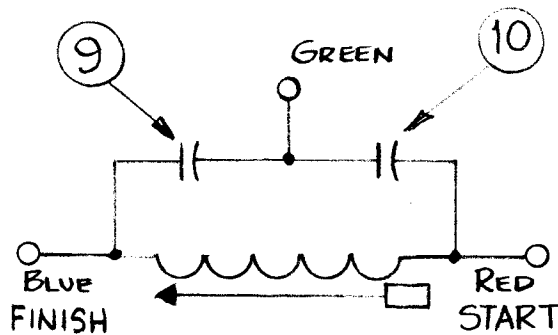
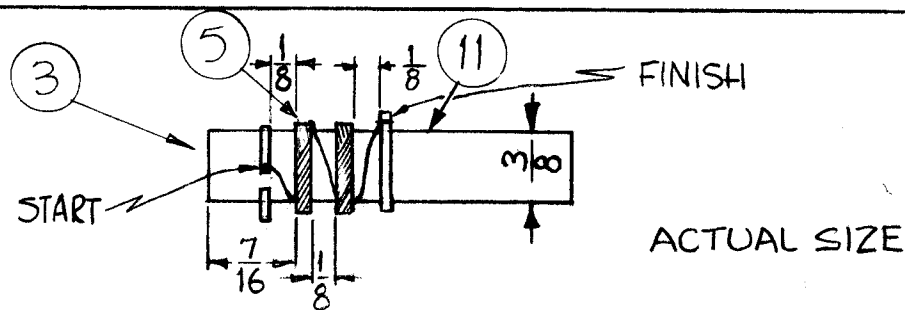
ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
		TOLERANCES	SCALE:				
		DEC. DIM. ±	MAXIMUM ALLOWABLE TOLERANCES HAVE				
		FRAC. DIM. ± 1/32 UNLESS OTHERWISE	BEEN DETERMINED AND ANY DEVIATIONS				
		ANGULAR DIM. ± SPECIFIED	WILL BE CAUSE FOR REJECTION.				
			REMOVE ALL BURRS AND SHARP EDGES				

WINDING MACHINE DATA (For PI Winding)

Cam Gear 49
Driver Gear 95
Cam .125

WINDING DATA

1. Start first PI winding 7/16 from end of form.
2. End winding at 125 turns.
3. Start second PI winding 1/8 from end of first PI. End at 125 turns.
4. Keep all leads approximately 3" long.
5. Stake leads to coil form with GL-103 (Item 7).
6. Assemble ring terminals (Item 11) on form as shown, and stake with GL-104-2 (Item 8).
7. Fasten ends of item 5 to ring terminals.
8. Bake unit for 1/2 hour at 215° F.
9. Coat windings and ring terminal with GL-104-2.
10. Bake hard for 1/2 hour at 215° F.
11. Test as shown in test data.
12. Assemble as shown.



TEST DATA (W/Out Core)

L = 540 uh ±10%
Q = 50 or Greater
Freq = 790 KC

USE BOONTON CORP. Q METER MODEL 160A OR EQUIV.

1	16	NTH0632BN8	Nut, Hex	
1	15	CI-109-7	Core, Tuning	Red
X	14	BS-100	Solder Soft	
2	13	NT-102	Nut, Hex	
2	12	LWI 25MRN	Lockwasher, Internal	
2	11	TE-153-2	Terminal, Ring	
1	10	CM30E 302G03	Capacitor Fixed	
1	9	CM20F681G03	Capacitor Fixed	
X	8	GL-104-2	Insullex, U85	
X	7	GL-103	Cement, Duo	
X	6	PX-104-3-.034	Insulation Sleeving	Red
X	5	WI-107-19	Wire Magnet #38 DSC	
2	4	SM-145	Bushing, Coil Mounting	
1	3	CF-117-1.07	Coil Form 3/8 O.D.	
1	2	PX-585-2	Terminal Board	
1	1	A-1950-3	Can Assembly	
REQ. ITEM		PART NO.	DESCRIPTION	SYMBOL

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

AC-126, COIL ASSEMBLY
250 KC OUTPUT

STOCK SIZE		MATERIAL		TYPE & TEMPER		HEAT TREAT. SPEC.		DRAWN		CHECKED		FINAL APPROVAL	
								D.M.P.		J.P.		A-1955 H	
FINISH & SPEC. NO.		ELEC. DES. APP.		MECH. DES. APP.									

1	HFS-1	AX-389	11-5-63	
1	CHG-2	DIVIDER	11-5-63	
1	CHG-1	DIVIDER	9-2-60	
REQ. PER UNIT	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
				USED ON