

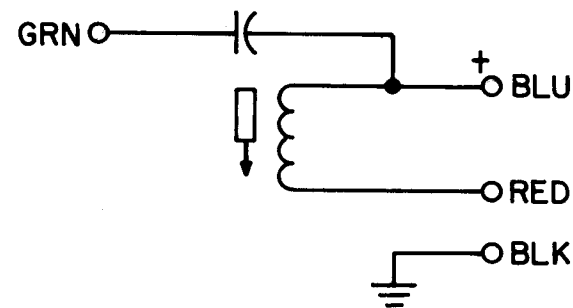
B  
A-2245

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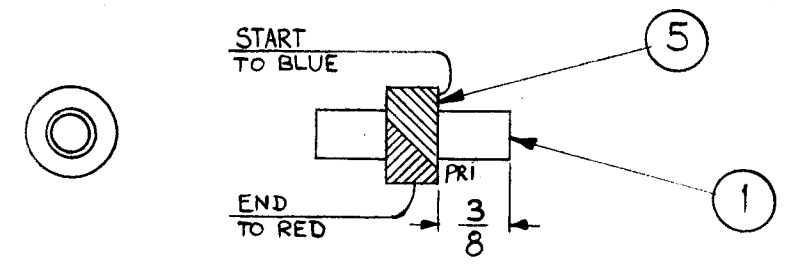
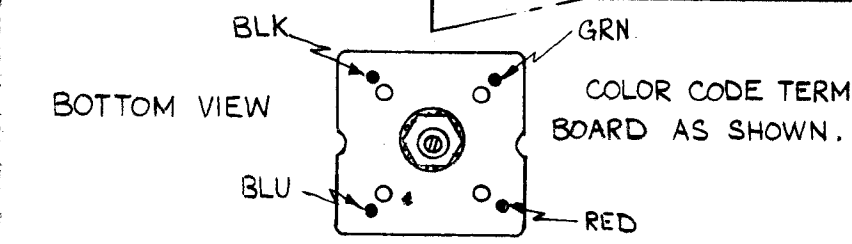
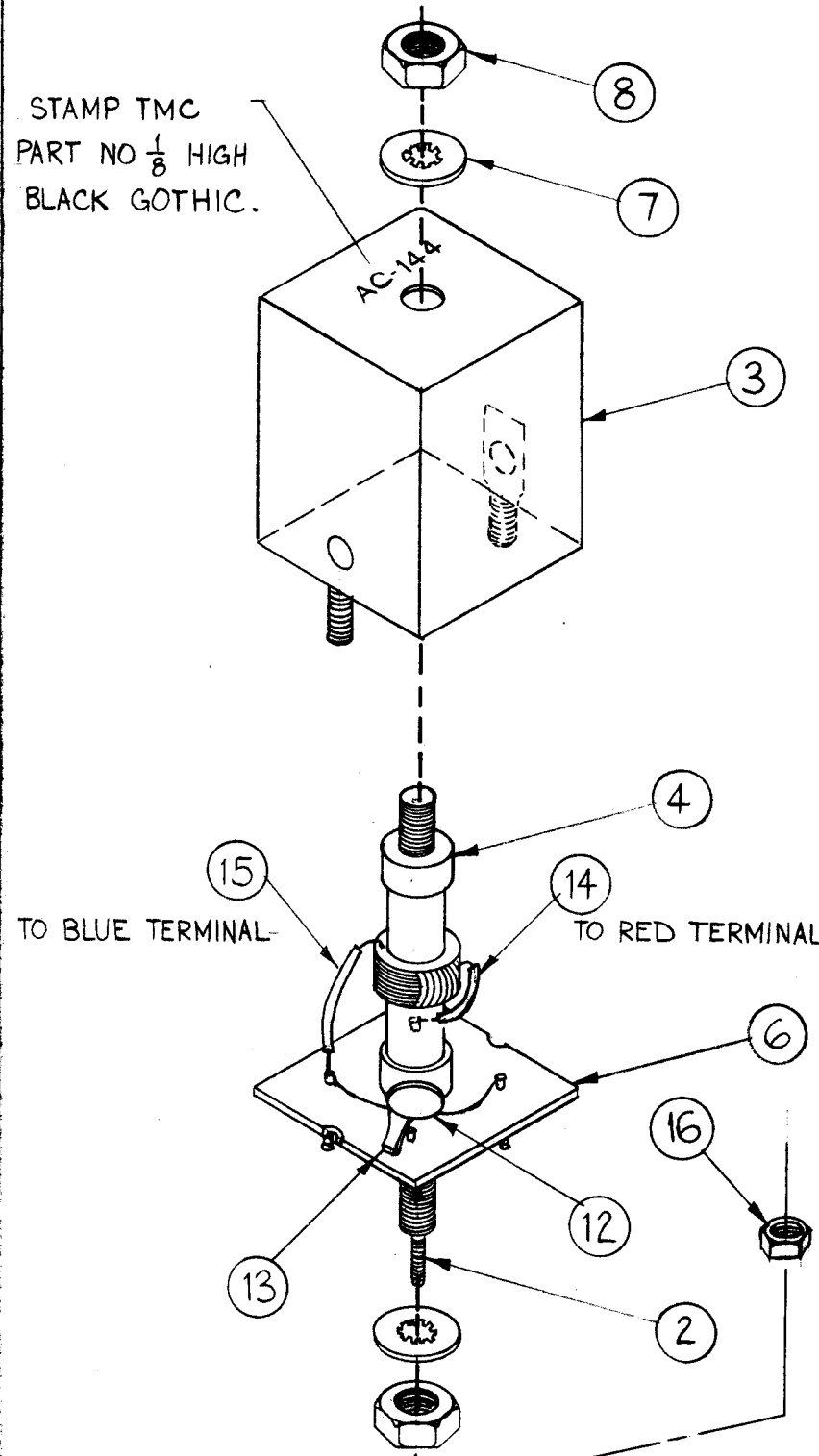
COIL DATA	
SPECIFICATIONS	PRIMARY
CAM	.250
CAM GEAR	107
CAM DRIVER	70
IND (uh)	55-65
Q	45 or better
COIL RES	2
TEST FREQ (MC)	2.5
CAPACITOR (PF)	4000
WINDING INSTRUCTIONS	
URNS	100
WIRE	12/43 Q.S. LITZ

WINDING DATA

1. WIND PRIMARY (ITEM 5) STARTING 3/8 FROM END. STAKE ENDS WITH GL-103 (ITEM 9)
2. COLOR CODE BASE AS SHOWN.
3. STRIP & TIN LEADS. SOLDER THEM TO CORRECT COLOR CODED TERMINALS AS INDICATED
4. MEASURE Q, IND, RES. w/O CORE.
5. BAKE FOR 15 MIN AT 220°F. SATURATE COILS WITH ITEM 10.
6. SOLDER COMPONENT LEADS TO PROPER COLOR-CODED TERMINALS ON BASE. SOLDER & TRIM GROUND LUG (ITEM 13) TO BLK. TERMINAL.
7. ASSEMBLE AS PER ASSEMBLY DRAWING, PLACE IN CAN.



SCHEMATIC DIAGRAM



WIRING DETAIL

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
1	16	NTH0348BN6	NUT, HEX	
X	15	PX-104-6-.085	INSULATION, SLEEVING	BLUE
X	14	PX-104-3-.085	INSULATION, SLEEVING	RED
1	13	TE-104-3	TERMINALS, LOCKING	
1	12	CC-100-9	CAPACITOR, FIXED CERAMIC	
X	11	BS-100	SOLDER, SOFT	
X	10	GL-102	Q-DOPE	
X	9	GL-103	DUCO	
2	8	NTH0832BN8	HEX, NUT	
2	7	LWI08MRN	LOCKWASHER, INTERNAL	
1	6	PX-635	TERMINAL BOARD TRANSF, 4 LUGS	
X	5	WI104-1243SC-QS	WIRE 12/43 QUICK SOLDER LITZ	
2	4	SM-140-2	BUSHING, COIL MTG.	
1	3	A-3029-2	CAN ASS'Y	
1	2	CI-116-6	CORE, TUNING	
1	1	CF-122-1.0	COIL FORM .250 O.D.	

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
<b>THE TECHNICAL MATERIEL CORP.</b> MAMARONECK, NEW YORK AC-144 ASS'Y. 250 KC COIL FOR CONTROLLED OSC/AMPL				
STOCK SIZE MATERIAL				
TYPE & TEMPER		HEAT TREAT. SPEC.		FINISH & SPEC. NO.
DRAWN		CHECKED		FINAL APPROVAL
ELEC. DES. APP.		MECH. DES. APP.		A-2245

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
B	ITEM 16 ADDED TO DWG	11/14/63	10412	HD		
A	1 REQ. WAS 3 REQ. ON AFC-2	1-31-62	6281	RF		

UNLESS OTHERWISE SPECIFIED:  
 DIMENSIONS ARE IN INCHES  
 TOLERANCES ON FRACTIONS ± 1/64 DECIMALS ± .005 ANGLES ± 1/20

SCALE: DO NOT SCALE  
 MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.  
 REMOVE ALL BURRS AND SHARP EDGES

AFC-2 12-6-61