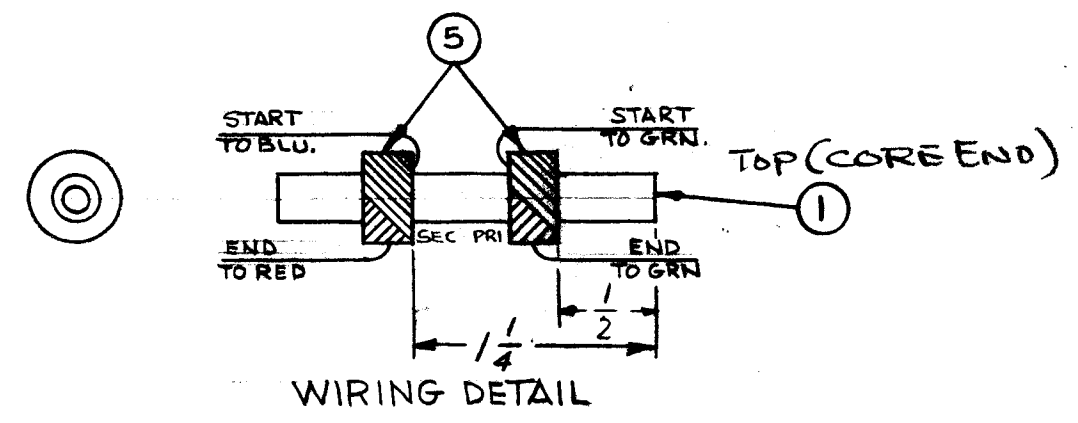
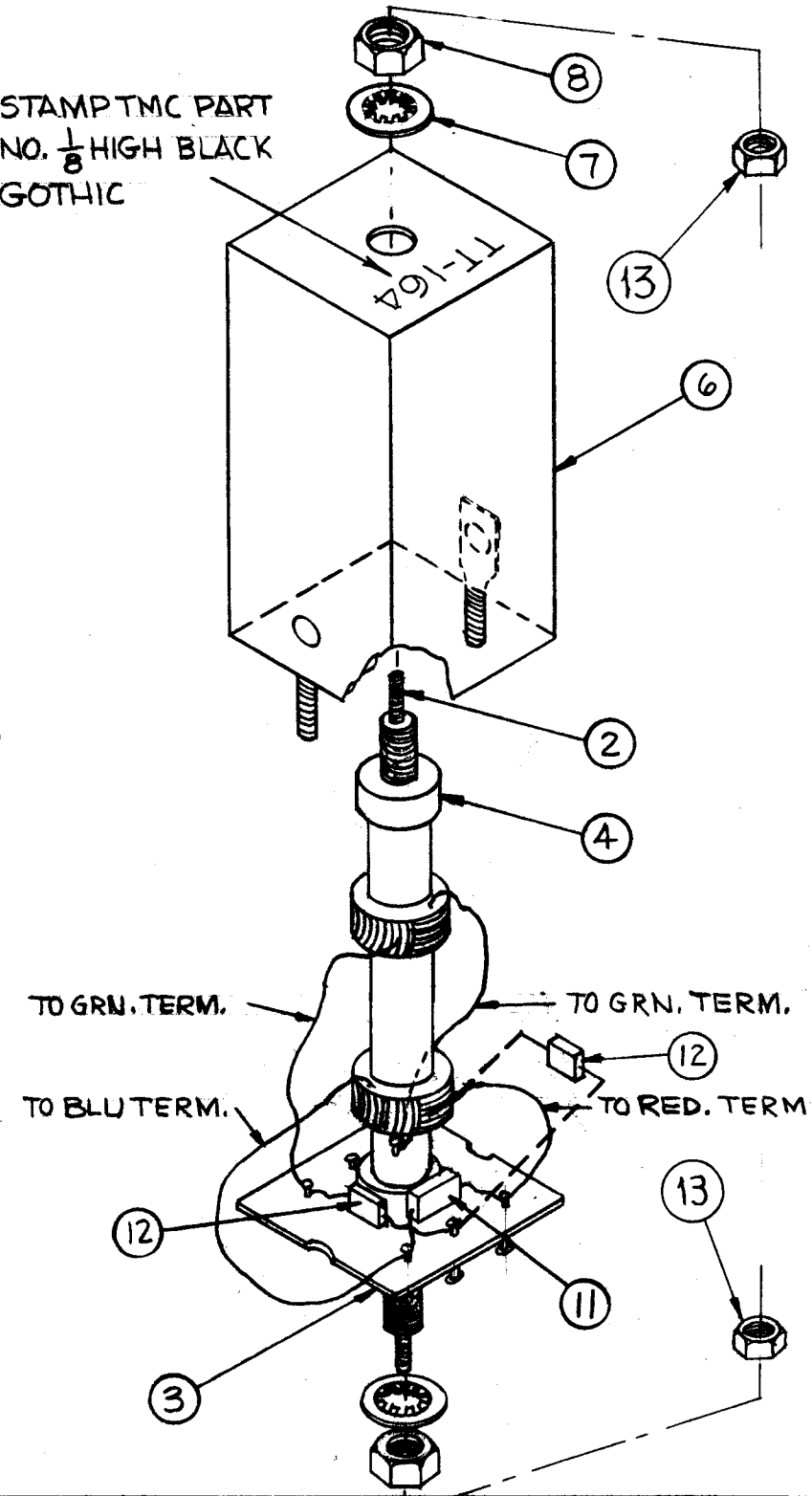


A-2257 H

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COIL DATA		
Specifications	Primary	Secondary
Cam	.250	.250
Cam Gear	107	107
Cam Driver	70	70
Ind (uh)	2.55-3.12	2.55-3.12
Q	GREATER THAN 48	GREATER THAN 48
Coil Res. Ω	0.35	0.35
Freq. (Mc)	7.9	7.9
Cond. UUF	2 X 2000	1000
Res. Ext.	---	---
WINDING DATA		
Turns	21	21
Wire	#12/43	#12/43

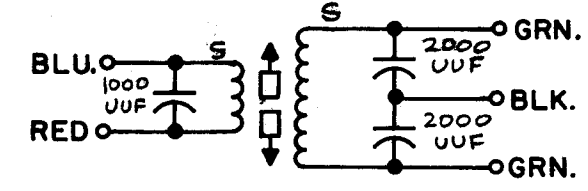
STAMP TMC PART NO. $\frac{1}{8}$ HIGH BLACK GOTHIC



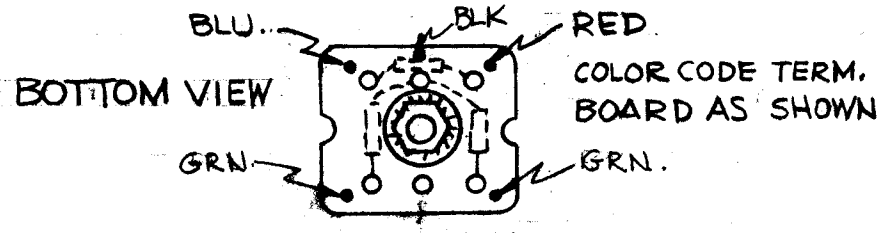
Winding Instructions:

1. Wind primary first 21 turns of Item 5, starting 1/2" from end. Stake ends with Item 9.
2. Wind secondary 21 turns of Item 5, starting 1/4" from end. Stake ends with Item 9.
3. Color code coil base as shown.
4. Strip and tin leads. Solder them to proper color-coded terminals on base.
5. Measure Q, Ind, Res., w/o core.
6. Bake for 20 minutes at 215°F. Saturate coil with Item 10.
7. Solder component leads to terminals.
8. Assemble as per drawing and place in can.

SCHEMATIC DIAGRAM



S-INDICATES START OF WINDING



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
X	14	BS100	SOLDER, TIN ALLOY	
2	13	NTH0348BN6	Nut, Hex	
2	12	CM112F202D5S	Capacitor, Fixed, 2000 UUF	
1	11	CM112F102D5S	Capacitor, Fixed, 1000 UUF	
X	10	GL-102	Q-Dope	
X	9	GL-103	Duco	
2	8	NTH0832BN8	Nut, Hex	
2	7	LW108MRN	Lockwasher, Int.	
1	6	A-3029-1	Can Ass'y.	
X	5	WI-104-1243SC-QS	Wire, Litz #12/43	
2	4	SM-140-2	Bushing, Coil, Mtg.	
1	3	PX-610-1	Term. Board, Trans, 6 lugs	
2	2	CI-126-1	Core, Tuning	
1	1	CF-122-1.93	Coil Form, .250 O.D.	

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
			GELMAN	
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
TT-164 ASSY.				
TYPE & TEMPER		HEAT TREAT. SPEC.		FINISH & SPEC. NO.
ELEC. DES. APP.		MECH. DES. APP.		

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
H	IT. II WAS CM112E102D3C, IT. I WAS CM112E202D3C	2-28-67	17844	WRA	CS	

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

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	SECTION	ASSY. NO.	DATE
1	HER-1/C			12-8-61
USED ON				