

A-2350

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COIL DATA

SPECIFICATIONS	PRIMARY
Cam	.250
Cam Gear	107
Cam Driver	70
IND (uh)	285 - 315
Q	85 - 100
Coil Res. Ω	5.6
Frequency (kc)	790
Cond. (uuf)	1000 & 100
Resis. (Ω)	

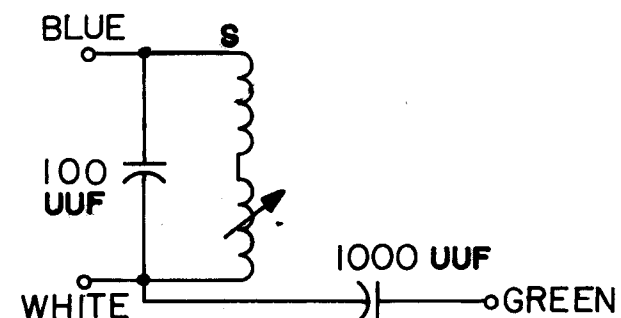
WINDING DATA

Wire	12/43
Turns	2 pi 135/pi

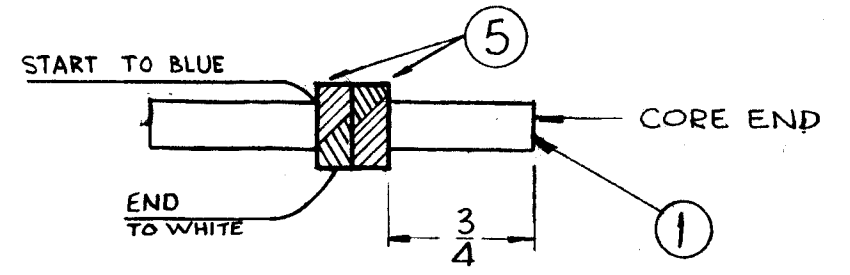
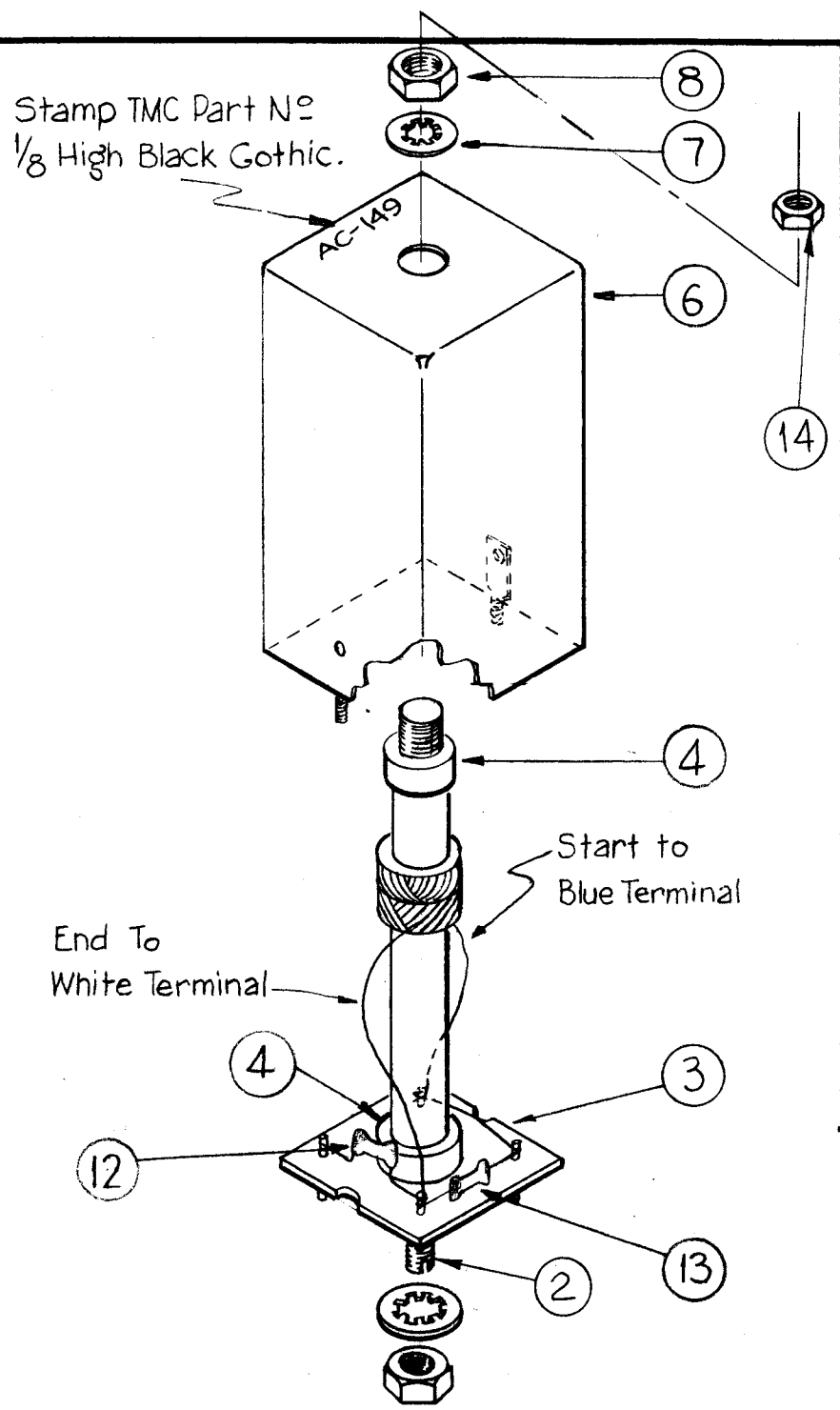
WINDING INSTRUCTIONS

1. Wind first pi of primary 135 turns of Item 5, starting 3/4" from end. Do not cut wire.
2. Wind second pi of primary 135 turns of Item 5. Stake ends with Item 9.
3. Slide second pi against first pi.
4. Color code coil base as shown.
5. Strip and tin leads. Solder them to proper color coded terminals on base.
6. Measure Q, Ind, Res, without core.
7. Bake for 20 minutes at 215 F. Saturate coil with Item 10.
8. Solder component leads to terminals.
9. Assemble as per drawing and place in can.

SCHEMATIC DIAGRAM (9) Indicates Start of Winding.

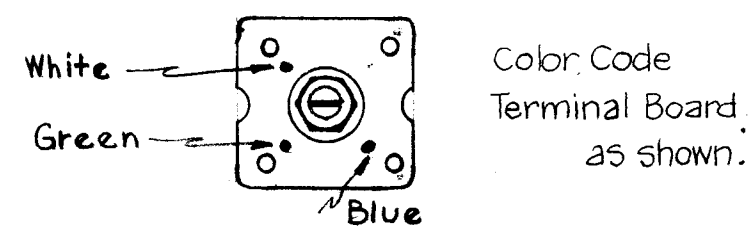


Stamp TMC Part No
1/8 High Black Gothic.



WIRING DETAIL

REQ.	ITEM	PART NO.	M. GELLMAN DESCRIPTION	SYMBOL
1	14	NTH0348BN6	Nut, Hex	
1	13	CM-111D101H5S	Capacitor, Fixed, Mica	
1	12	CM-112D102H5S	Capacitor, Fixed, Mica	
X	11	BS-100	Solder, Soft	
X	10	GL-102	Q-Dope	
X	9	GL-103	Duco	
2	8	NTH-0832BN6	Hex Nut	
2	7	LWI08MRN	Lockwasher, Internal	
1	6	A-3029-1	Can Assembly	
X	5	WI-104-1243SCQS	Wire, Litz	
2	4	SM-140-2	Bushing, Coil Mounting	
1	3	PX-635-1	Term. Board, Transf. 4 Lugs	
1	2	CI-116-17	Core, Tuning	
1	1	CF-122-1.93	Coil Form .250 O.D.	



BOTTOM VIEW

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
D	ON SCHEM. ARROW RELOC. ON PIC. #2 CALLOUT REL	7.23.64	11256	ASB		
C	ITEM 14 ADDED TO DWG	11/13/63	10412	310		

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS $\pm 1/64$ DECIMALS $\pm .005$ ANGLES $\pm 1/2^\circ$

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	ASS'Y. NO.	DATE
1	MNF-1			
1	HNF-1			3-14-62

USED ON

STOCK SIZE	MATERIAL	TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK						
AC-149 COIL ASSEMBLY						
FINISH & SPEC. NO. ELEC. DES. APP. MECH. DES. APP.						
A-2350 D						