

A-2351 B

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COIL DATA

SPECIFICATIONS	PRIMARY
Cam	.250
Cam Gear	105
Cam Driver	69
IND (uh) +5%	600
Q	48 - 58
Coil Res. Ω	24
Frequency (KC)	790
Cond. (uuf)	180 & 2200
Resis. (Ω)	- -

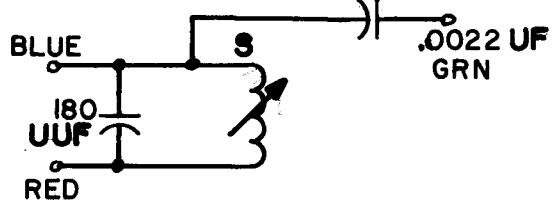
WINDING DATA

Turns	320
Wire	38 Osc.

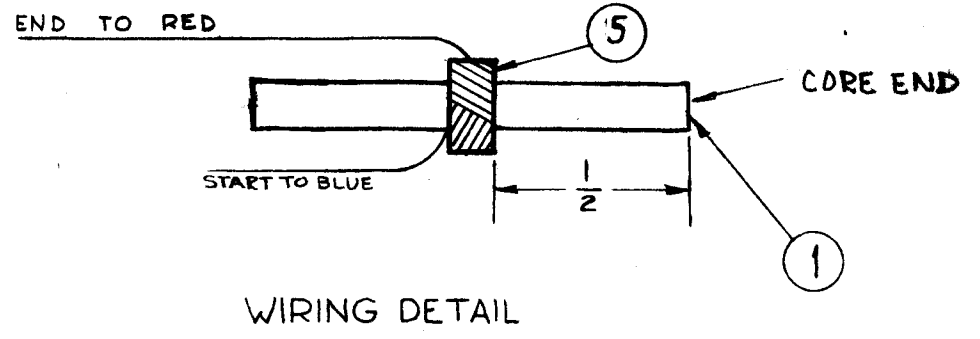
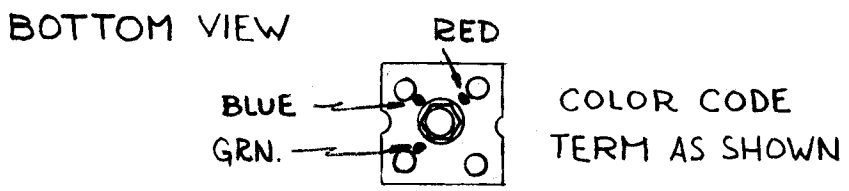
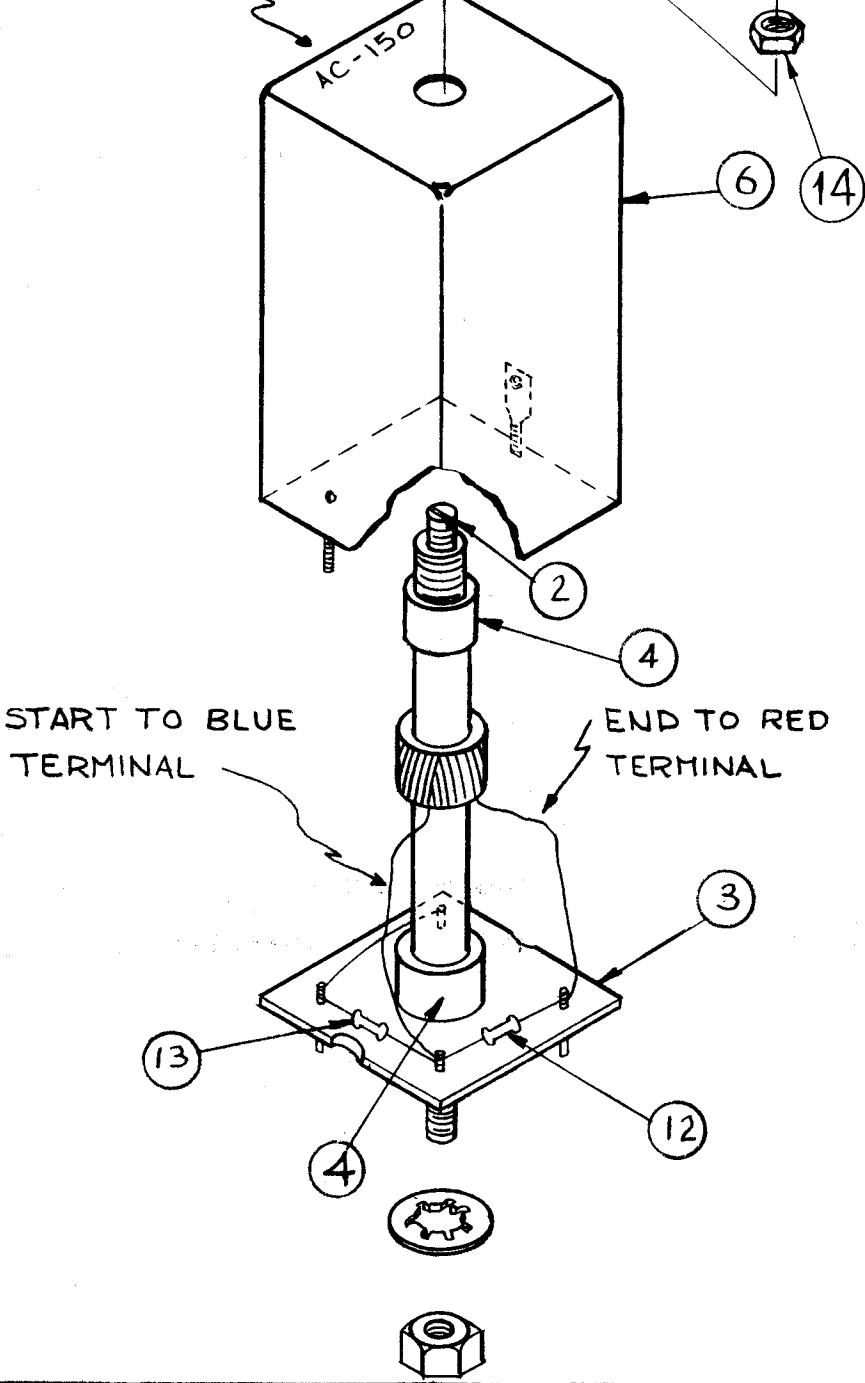
WINDING INSTRUCTIONS

1. Wind primary first 320 turns of Item 5, starting 1/2" from end. Stake ends with Item 9.
2. Color code coil base as shown.
3. Strip and tin leads. Solder them to proper color coded terminals on base.
4. Measure Q, IND, Res, without core.
5. Bake for twenty minutes at 215°F. Saturate coil with Item 10.
6. Solder component leads to terminals.
7. Assemble as per drawing and place in can.

(S) INDICATES START OF WINDING



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



REQ.	ITEM	PART NO.	M. GELLMAN DESCRIPTION	SYMBOL
1	14	NTH0348BN6	Nut, Hex	
1	13	CC-100-11	Capacitor, Fixed, Ceramic Disc	
1	12	CM-111-D181H5	Capacitor, Fixed, Mica	
X	11	BS-100	Solder, Soft	
X	10	GL-102	Q-Dope	
X	9	GL-103	Duco	
2	8	NTH-0832BN8	Hex Nut	
2	7	LWI-08MRN	Lockwasher, Internal	
1	6	A-3029-1	Can Assembly	
X	5	WI-107-19	Magnet Wire	
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.	

B	ITEM 14 ADDED TO DWG	11/13/63	10412	MD	MLT	WBB
A	ITEM 1, 2, 4 ADDED TO WIRING DETAIL	8-14-62	7040	G.S.	MLT	WBB
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES

TOLERANCES ON FRACTIONS $\pm 1/64$ DECIMALS $\pm .005$ ANGLES $\pm 1/20^\circ$

SCALE: $\frac{1}{4}$

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	HNF-1			3-20-62
USED ON				

STOCK SIZE	MATERIAL	TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED	FINAL APPROVAL
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK						
AC-150 COIL ASSEMBLY						
				<i>G. Gellman</i>	<i>A. W.</i>	<i>BP</i>
				<i>WBB</i>		
				A-2351 B		