

A-2253

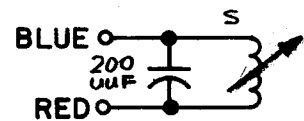
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COIL DATA	
Specifications	Primary
Cam	.250
Cam Gear	102
Cam Driver	69
Ind. (uh)	30-36
Q	35-45
Coil Res. Ω	3.8
Freq. (Mc)	2.5
Cond. (uuf)	200
Res. Ext.	---
WINDING DATA	
Turns	75
Wire	#38 DSC

Winding Instructions:

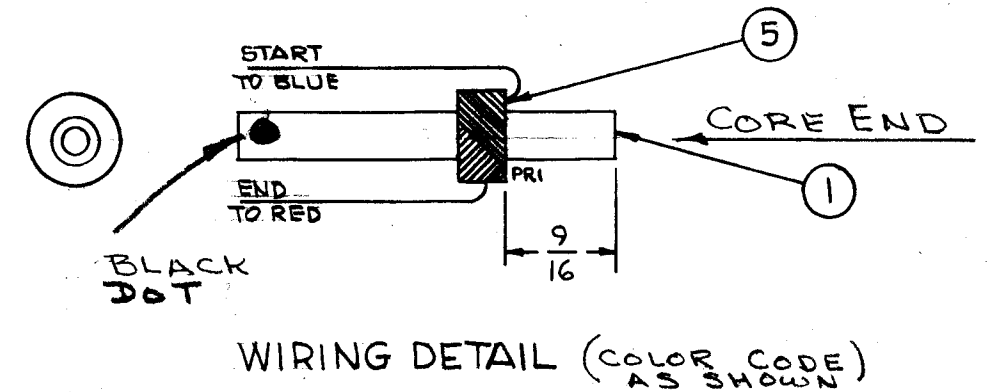
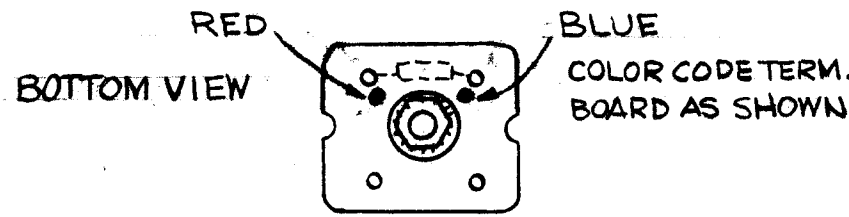
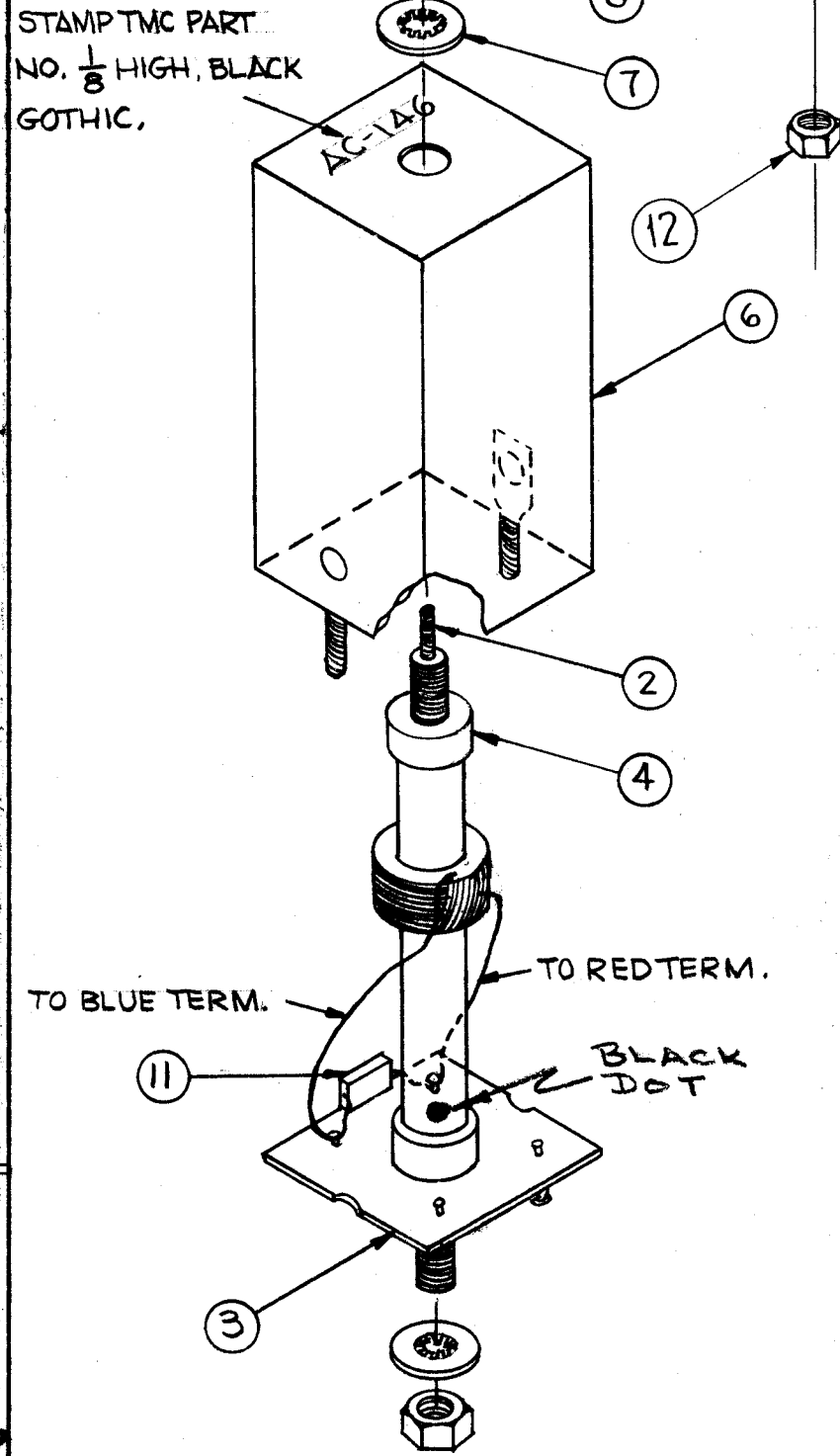
1. Wind primary first 75 turns of Item 5, starting 9/16" from end. Stake ends with Item 9.
2. Color Code Coil Base as shown.
3. Strip and tin leads. Solder them to proper color-coded terminals on base.
4. Measure Q, Ind, Res. w/o core.
5. Bake for 20 minutes at 215°F. Saturate coil with Item 10.
6. Solder component Leads to terminals.
7. Assemble as per drawing and place in can.

SCHEMATIC DIAGRAM



S - INDICATES START OF WINDING

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
E	IT. 11 WAS CM111F201G5C	2-28-67	17844	MA	TR	
D	ITEM 13 ADDED	8-4-64	12047	WB	TR	
C	SEE EMN #10829 FOR CHG	2-5-64	10829	A.M.	TR	
B	ITEM 12 ADDED TO DWG	1/14/63	10412	AK	TR	
A	IN BOTTOM VIEW RED DOT WAS BLUE & BLUE DOT WAS RED.	9-3-63	9886	AK	TR	



REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
X	13	BS100	SOLDER, TIN ALLOY	
1	12	NTH0348BN6	Nut, Hex	
1	11	CM111F201G5C	Capacitor, Fixed, 200UUF	
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-107-19	Magnet Wire #38	
2	4	SM-140-2	Bushing, Coil, Mtg.	
1	3	PX-635-1	Term. Board, Trans., 4 Lugs	
1	2	CI-116-5	Core, Tuning	
1	1	CF-122-1.93	Coil Form, .250 O.D.	

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
AC-146 ASSY.				
MATERIAL				
STOCK SIZE				
FINISH & SPEC. NO.				
TYPE & TEMPER HEAT TREAT. SPEC.				
DRAWN CHECKED FINAL APPROVAL				
A-2253 E				

UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES
 TOLERANCES ON FRACTIONS ± 1/64 DECIMALS ± .005 ANGLES ± 1/2°
 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/N			12-8-61
USED ON				