

A 2252

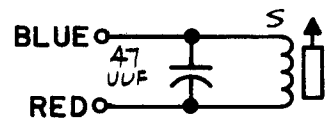
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COIL DATA	
Specifications	Primary
Cam	.250
Cam Gear	102
Cam Driver	69
Ind. (uh)	101 - 111
Q	40
Coil Res. Ω	6.5
Freq. (Kc)	790
Cond. (UUF)	47
Res. Ext.	---
WINDING DATA	
Turns	140
Wire	#38 DSC

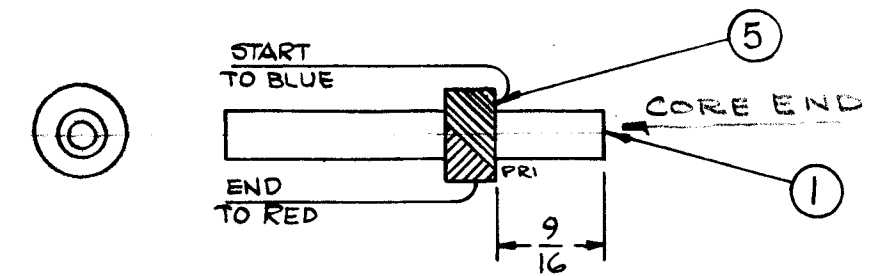
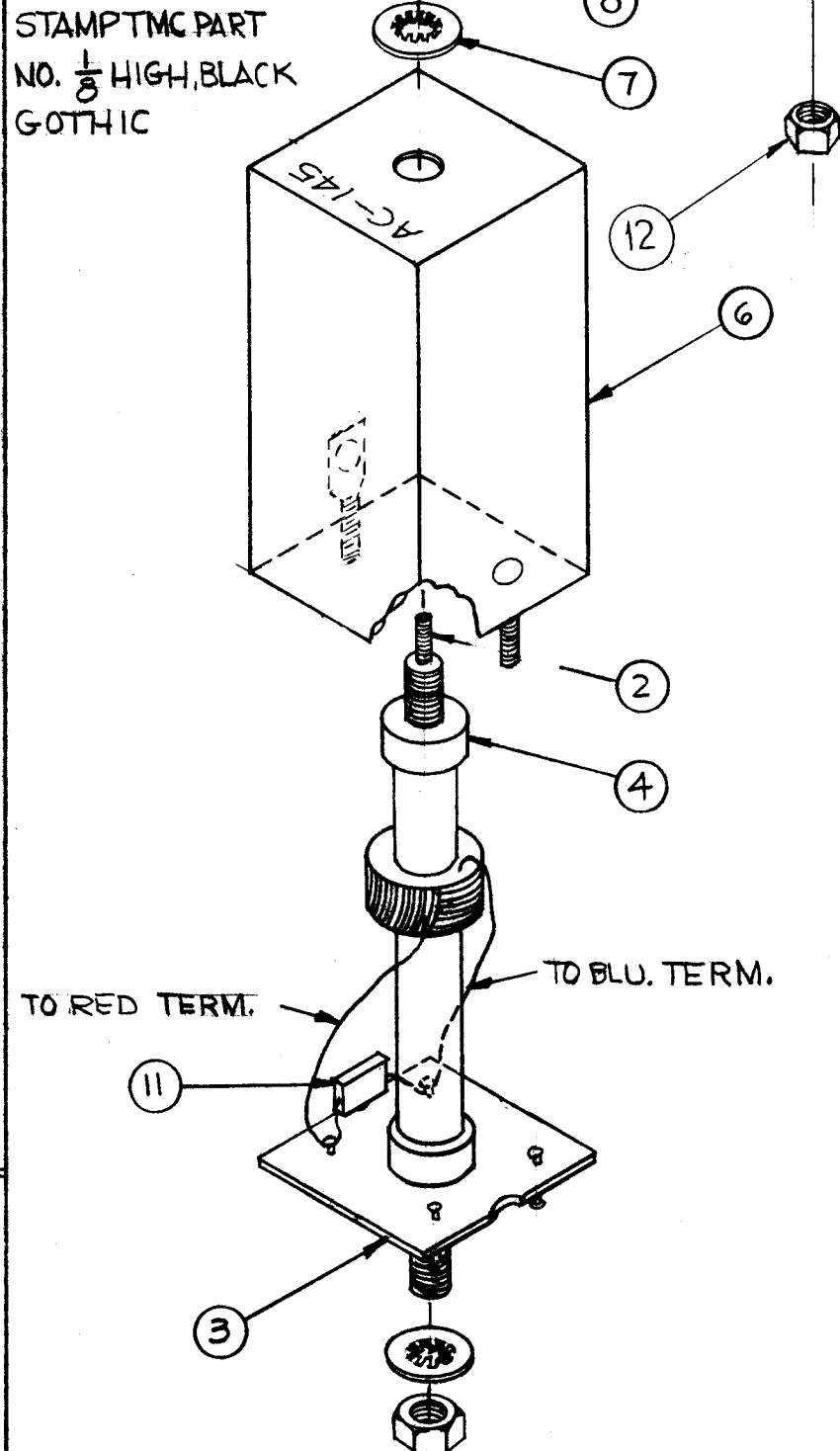
Winding Instructions:

1. Wind primary first 140 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 220°F. Saturate coils with Item 10.
6. Solder component leads to terminals.
7. Assemble as per drawing and place in can.

SCHEMATIC DIAGRAM

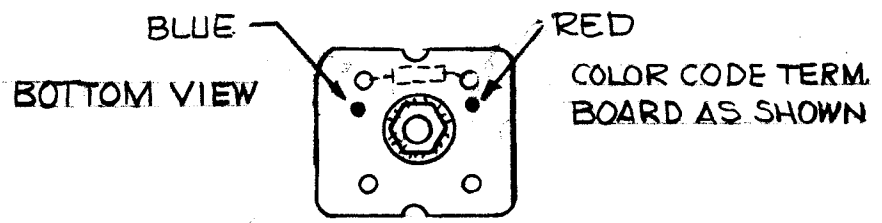


S - INDICATES START OF WINDING



WIRING DETAIL

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
X	13	BS100	SOLDER, TIN ALLOY	
1	12	NTH0348BN8	Nut, Hex	
1	11	CM111E470G5S	Capacitor, Fixed, 47 UUF	
X	10	GL-102	Q-Dope	
X	9	GL-103	Duco	
2	8	NTH0832BN8	Nut, Hex	
2	7	LWI08MRN	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-116-6	Core, Tuning	
1	1	CF-122-1.93	Coil Form, .250 O.D.	



SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
D	IT. 11 WAS CM111E470HSC	2-28-67	17844	MR		
C	ITEM 13 ADDED	8-4-64	12047	LB		
B	101-111uh WAS 106	11/16/63	10621			
A	ITEM 12 ADDED TO DWG	11/14/63	10412			

UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES
 TOLERANCES ON FRACTIONS $\pm 1/64$ DECIMALS $\pm .005$ ANGLES $\pm 1/20^\circ$
 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	ASSY. NO.	DATE
1	HER-1/C			12-8-61

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
GELLMAN				
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
AC-145 ASSY.				
TYPE & TEMPER		HEAT TREAT. SPEC.		FINISH & SPEC. NO.
DRAWN		CHECKED		FINAL APPROVAL
ELE. DES. APP.		MECH. DES. APP.		