

A-2349 B

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COIL DATA

SPECIFICATIONS	PRIMARY	SECONDARY
Can	.25	.25
Can Gear	105	105
Can Driver	69	69
IND (uh)	300 - 315	300 - 315
Q	100 - 110	100 - 110
Coil Res. Ω	5	5
Freq. (KC)	790	790
Cond. (uuf)	1,000	1,000
Resis. (Ω)		12,000

WINDING DATA

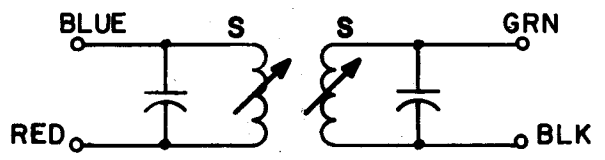
Turns	210	210
Wire	12/43	12/43

WINDING INSTRUCTIONS

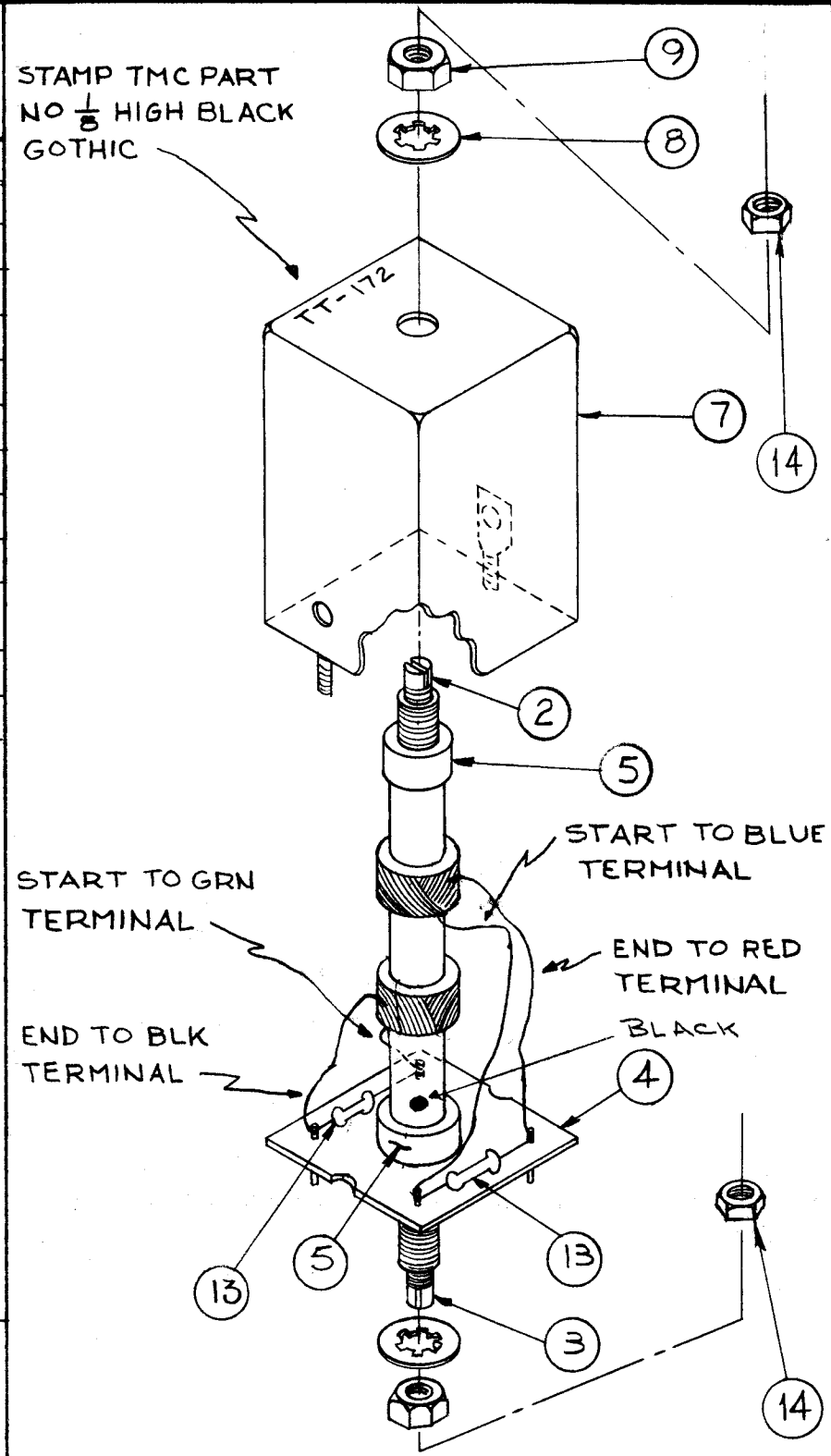
1. Wind primary first 210 turns of Item 6, starting 5/8" from end. Stake ends with Item 10.
2. Wind secondary 210 turns of Item 6, starting 3/16" from end of primary. Stake ends with Item 10.
3. Color code coil base as shown.
4. Strip and tin leads. Solder them to proper color coded terminals on base.
5. Measure Q, IND, Res., without core.
6. Bake for twenty minutes at 215°F. Saturate coil with Item 11.
7. Solder component leads to terminals.
8. Assemble as per drawing and place in can.

SCHEMATIC DIAGRAM

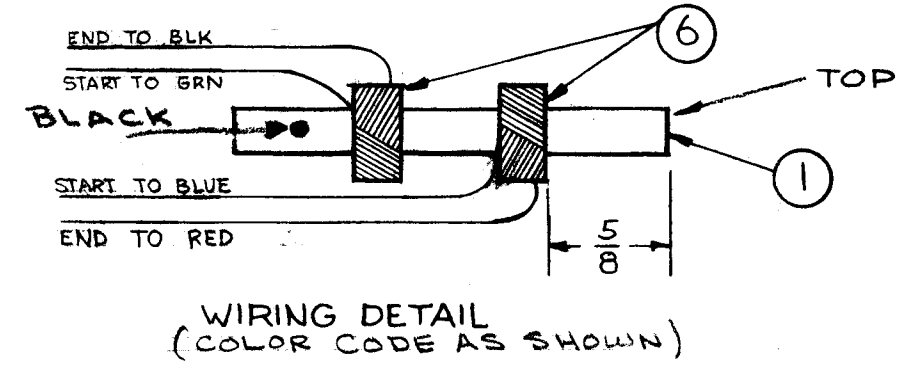
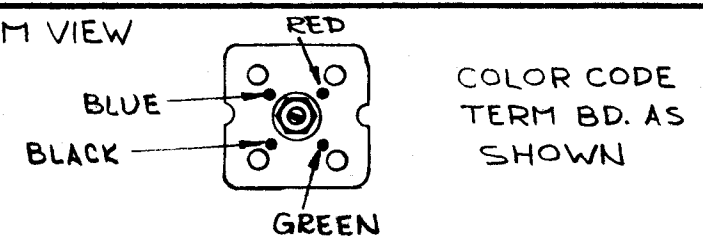
(S) INDICATES START OF WINDING



STAMP TMC PART NO 1/8 HIGH BLACK GOTHIC



BOTTOM VIEW



REQ.	ITEM	PART NO.	M. GELLMAN DESCRIPTION	SYMBOL
2	14	NTH034 5BN6	Nut, Hex	
2	13	CM-111-D102	Capacitor, Fixed, Mica	
X	12	BS-100	Solder, Soft	
X	11	GL-102	Q-Depe	
X	10	GL-103	Duco	
2	9	NTH-0832BN6	Nut, Hex	
2	8	LWI-08MRN	Lockwasher, Internal	
1	7	A-3029-1	Can Assembly	
X	6	WI-104-1243SCQS	Wire, Litz	
2	5	SM-140-2	Bushing, Coil Mounting	
1	4	PX-635-1	Term. Board, Transf. 4 Lugs	
1	3	CI-116-17	Core, Tuning	
1	2	CI-116-6	Core, Tuning	
1	1	CF-122-1.93	Coil Form .250 O.D.	

B	ITEM 14 ADDED TO DWG	11/14/63	10412	EDD	MA	10/16
A	ITEM (4) WAS PX-635	2-7-63	8202	EF	X	16
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.

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

SCALE:
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

1	HNF-1			3-20-62
REQ. PER UNIT	MODEL	SECTION	ASS'Y. NO.	DATE
				USED ON

REQ.	ITEM	PART NO.	M. GELLMAN DESCRIPTION	SYMBOL
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
TT-172 TRANSFORMER ASS'Y (TRANS I F TUNED)				
MATERIAL				
TYPE & TEMPER		HEAT TREAT. SPEC.		FINAL APPROVAL
FINISH & SPEC. NO.		ELEC. DES. APP.		MECH. DES. APP.

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