

A-3049 B

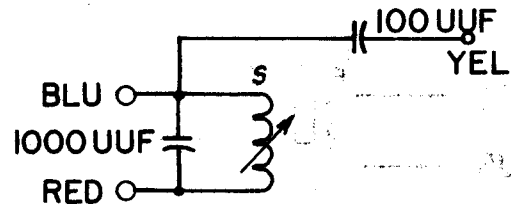
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**COIL DATA**

SPECIFICATIONS	PRIMARY
CAM	.250
CAM GEAR	#105
CAM DRIVER	#69
IND. (uh)	70-80
Q	40-50
COIL RES. $\Omega$	2.7
FREQ.	2.5 MC
COND. uuf	1000
WINDING DATA	
URNS	110
WIRE	#5/41 SNQS

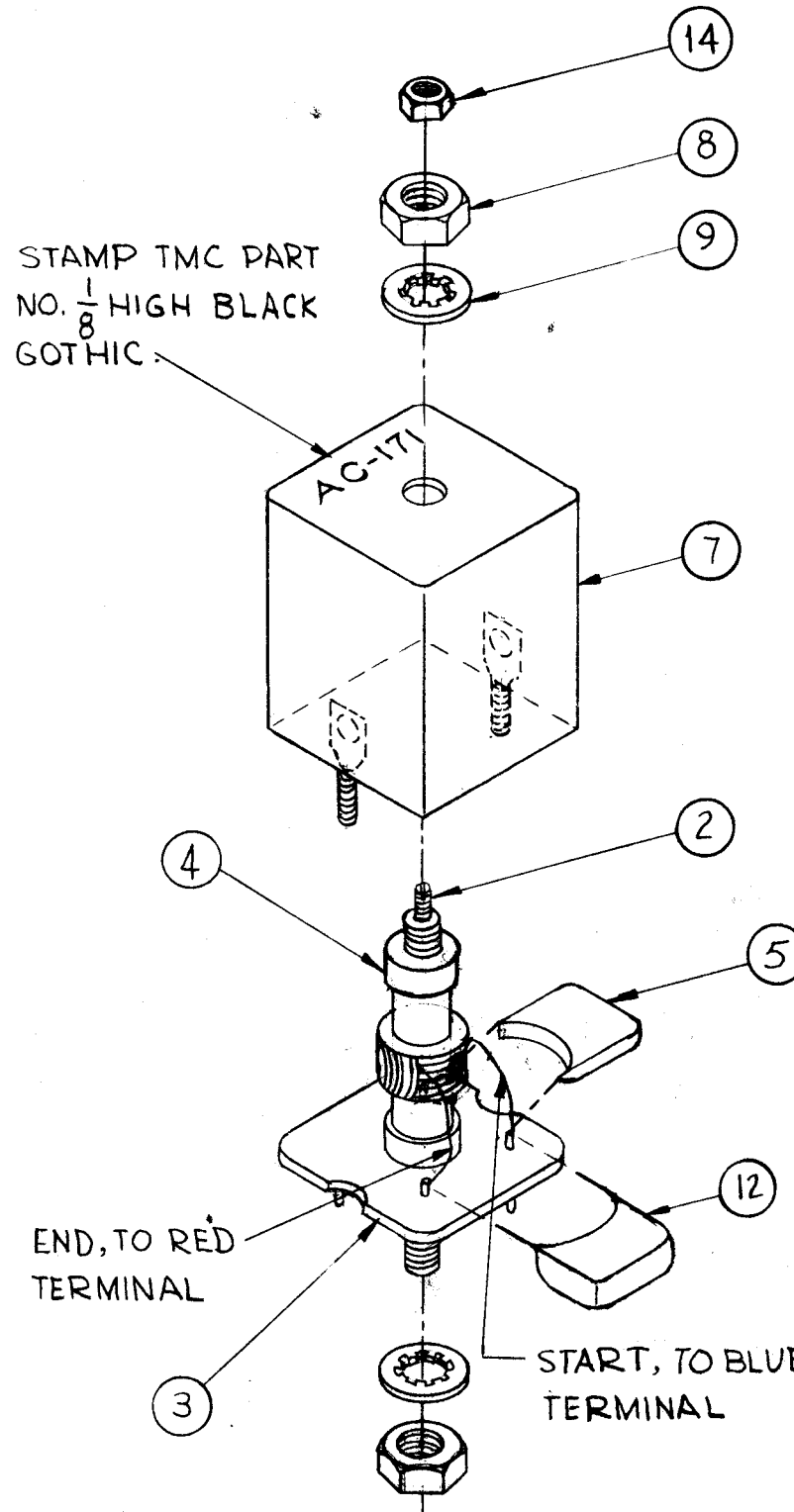
**WINDING INSTRUCTIONS:**

1. WIND PRIMARY FIRST 110 TURNS OF ITEM 6, STARTING 3/8" FROM END. STAKE ENDS WITH ITEM 10.
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 20 MINUTES AT 220°F. SATURATE COILS WITH ITEM 11.
6. SOLDER COMPONENT LEADS TO TERMINALS.
7. ASSEMBLE AS PER DRAWING AND PLACE IN CAN.



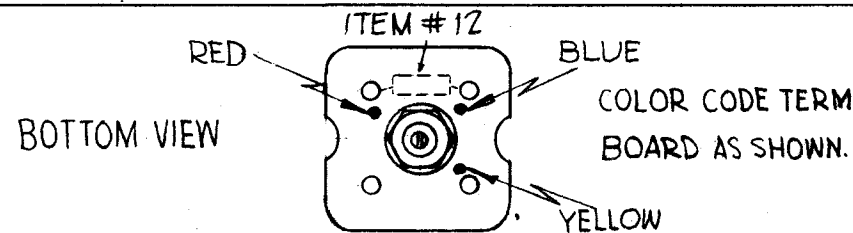
S INDICATES START OF WINDING.

**SCHEMATIC DIAGRAM**

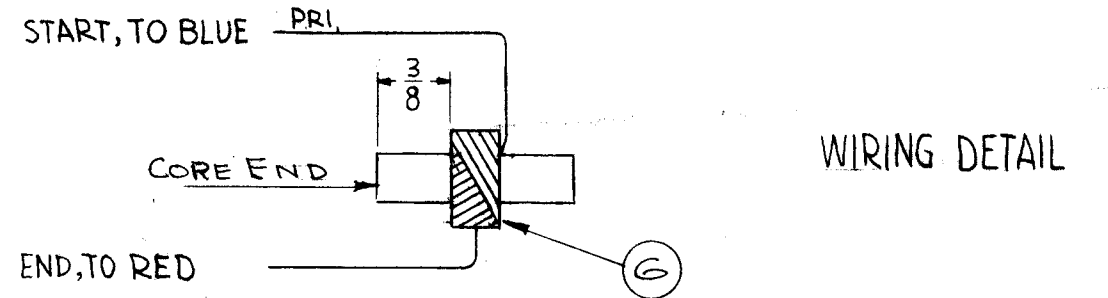


END, TO RED TERMINAL

START, TO BLUE TERMINAL



**BOTTOM VIEW**



1	14	NTH0348BN6	Nut, Hex
X	13	BS-100	SOLDER, SOFT
1	12	CM-111C102K5	CAPACITOR, FIXED, MICA, 1000uuf
X	11	GL-102	ADHESIVE, Q-MAX.
X	10	GL-103	ADHESIVE
2	9	LW108MRN	WASHER, LOCK, INTERNAL
2	8	NTH0832BN6	NUT, HEX
1	7	A-3029-2	CAN ASSEMBLY
X	6	WI-104-541SNQS	WIRE, LITZ
1	5	CM-111C101K5S	CAPACITOR, FIXED, MICA, 100uuf
2	4	SM-140-2	BUSHING, COIL MOUNTING
1	3	PX-635	TERM. BOARD, TRANS. 4 LUGS
1	2	CI-116-6	CORE, TUNING
1	1	CF-122-1	FORM, COIL, .250 O D

REQ.	ITEM	PART NO.	J. STRUMER DESCRIPTION	SYMBOL
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STOCK SIZE				THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
MATERIAL				AC-171 ASS'Y			
TYPE & TEMPER		HEAT TREAT. SPEC.		DRAWN		CHECKED	
FINISH & SPEC. NO.		ELEC. DES. APP.		TECH. DES. APP.		FINAL APPROVAL	
7-13-62		Gianfilippo		HDe		BP	
TRX-1		A-3049		A-3049		B	

B	ITEM #8 WAS NTH0832BN8	2/20/64	10909	AM.	at	10
A	UPDATED ALL DESCRIPTIONS	11-13-63	10412	HD	m/h	10
	ITEM 14 ADDED TO DWG					
SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.

UNLESS OTHERWISE SPECIFIED:			SCALE:			
DIMENSIONS ARE IN INCHES			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.			
TOLERANCES ON FRACTIONS $\pm 1/64$ DECIMALS $\pm .005$ ANGLES $\pm 1/20^\circ$			REMOVE ALL BURRS AND SHARP EDGES			
1	REQ. PER UNIT	TRX-1	SECTION	ASS'Y. NO.	DATE	7-13-62
USED ON						