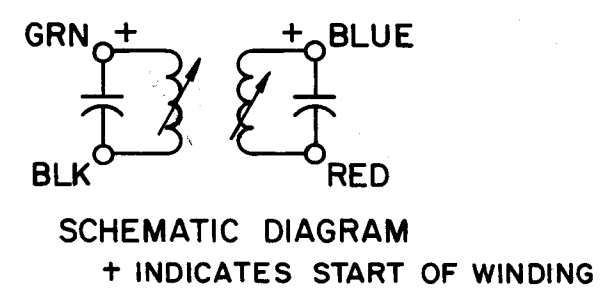


COIL DATA			
SPECIFICATIONS	PRIMARY	SECONDARY	
CAM	.250	.250	
CAM GEAR	105	105	
CAM DRIVER	69	69	
IND (+ 5%)	600uh	1MH	
Q	40 OR GREATER	40 OR GREATER	
COIL RES Ω	19	24	
FREQ. (KC)	790	790	
COND. (PF)	SEE CHART	SEE CHART	
EXT RES	NONE	NONE	

WINDING INSTRUCTIONS		
TURN	300	375
WIRE	# 38 DSC	#38 DSC

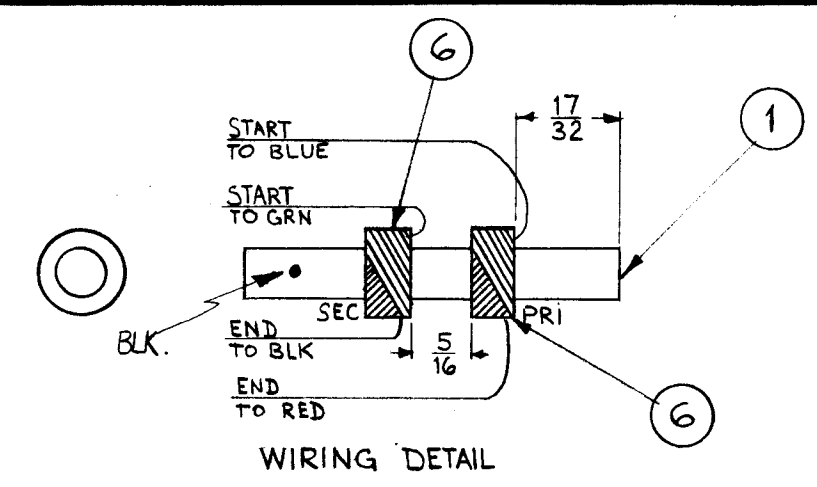
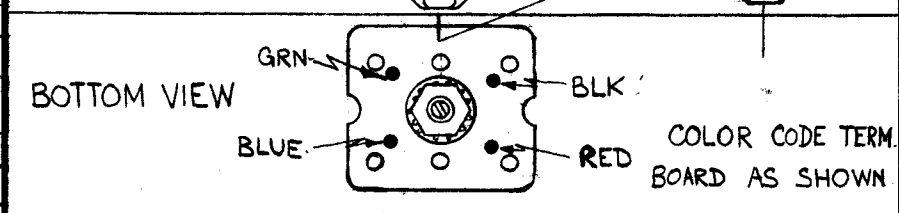
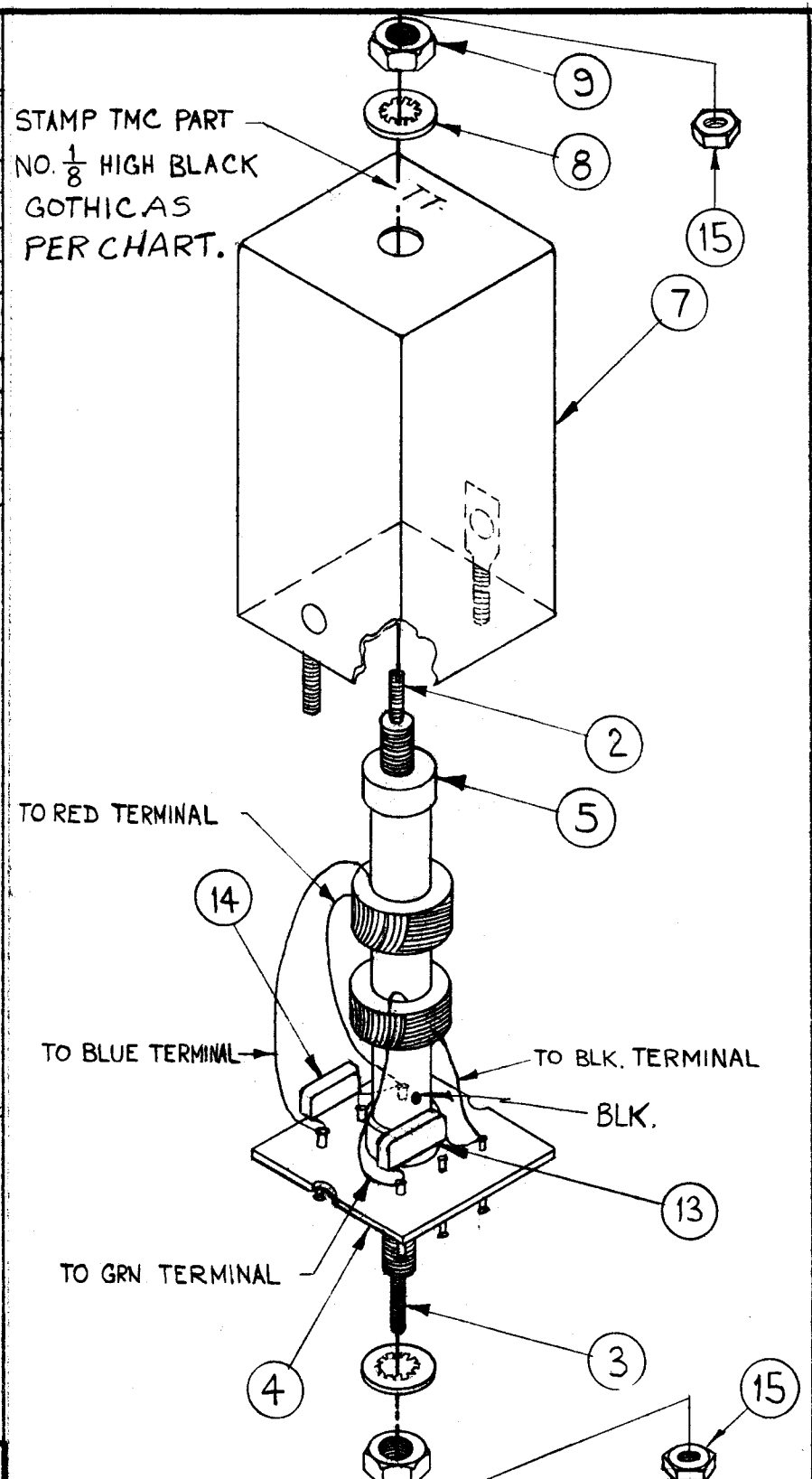
- WINDING DATA
1. Wind primary first, 300 turns (item 6) Starting 17/32 from end. Stake ends with item 10.
 2. Wind secondary 5/16 from end of primary, 375 turns (item 6). Stake ends with item 10.
 3. Color code coil base as shown.
 4. Strip & tin leads. Solder them to proper color-coded terminals on base.
 5. Measure Q, IND, RES. w/o core.
 6. Bake for 15 min at 220°F. Saturate coils with item 11.
 7. Solder component leads to terminals.
 8. Apply all leads with GL-102 (item 11).
 9. Assemble as per assembly drawing, place in can.



SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
D	ADD -1 TO IT 4 P/N.	11-21-66	17292	RME		
C	COIL DATA "Q" WAS 35-45	10-19-66	17058	WAW		
B	IT 13 WAS CM111F321H5S, IT 14 WAS CM111F471H5S. TMC CAT AD	11/4/65	15089	D.V.		
A	ITEM 15 ADDED TO DWG	11-12-63	10412	HO		

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES ON FRACTIONS $\pm 1/64$ DECIMALS $\pm .005$ ANGLES $\pm 1/2^\circ$

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



TMC ASS'Y NO.	TMC P/N	PER FREQ.	ITEM #13	ITEM #14
A2154	TT158	250KC	CM111F321G5S	CM111F471F5S
A2154-2	TT158-2	205KC	CM111F471F5S	CM111F102F5S

REQ.	ITEM	PART NO.	M. GELLMAN	DESCRIPTION	SYMBOL
2	15	NTH0348BN6		NUT, HEX	
1	14	SEE CHART			
1	13	SEE CHART			
X	12	BS-100		SOLDER, SOFT	
X	11	GL-102		Q-DOPE	
X	10	GL-103		DUCO	
2	9	NTH0832BN8		HEX NUT	
2	8	LWI08MRN		LOCKWASHER INTERNAL	
1	7	A-3029		CAN ASS'Y	
X	6	WI-107-19		MAGNET WIRE #38	
2	5	SM-140-2		BUSHING, COIL MTG	
1	4	PX-610-1		TERM. BOARD, TRANSFORMER 6 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.	

STOCK SIZE		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
		TT-158 TRANSFORMER ASS'Y (TRANSF. IF TUNED)	
MATERIAL		DRAWN	CHECKER
		BP	
TYPE & TEMPER		HEAT TREAT. SPEC.	
FINISH & SPEC. NO.		ELEC. DES. APP.	MECH. DES. APP.