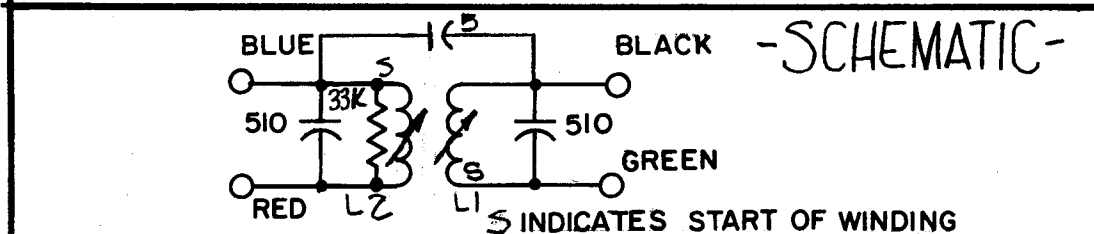


A-2135	COIL DATA		
	SPECIFICATIONS	PRIMARY	SECONDARY
	RACK GEAR		
	RACK DRIVER		
	CAM	.250	.250
	CAM GEAR	107	107
	CAM DRIVER	30	30
	CAM IDLER	66-66	66-66
	RACK IDLER		
	L uh (+ 5%)	133	133
Q @ 795 KC/S	40-50	40-50	
R	8.2	8.2	

WINDING INSTRUCTIONS		
TURNS	160	160
WIRE	#38 DSC	#38 DSC

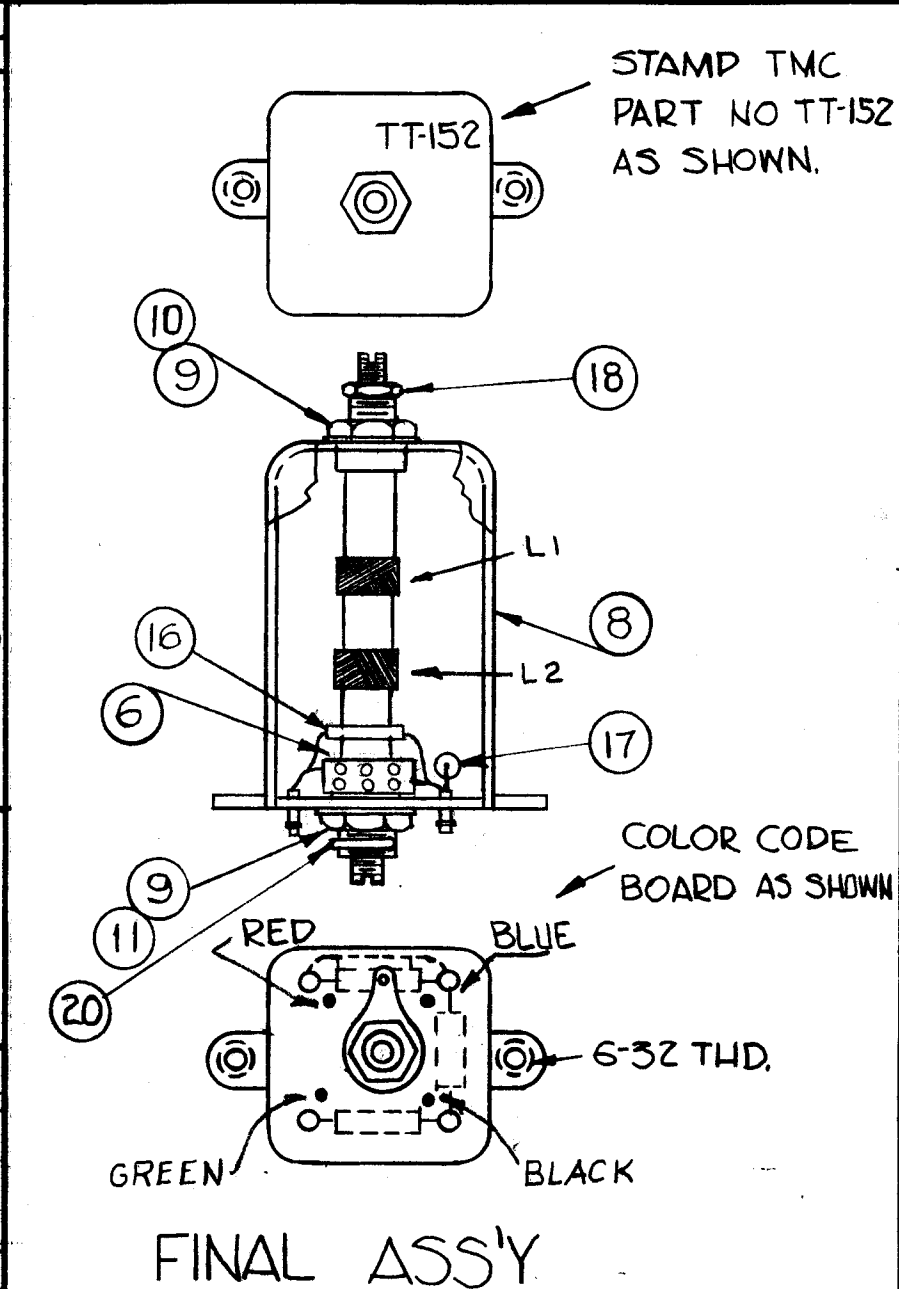
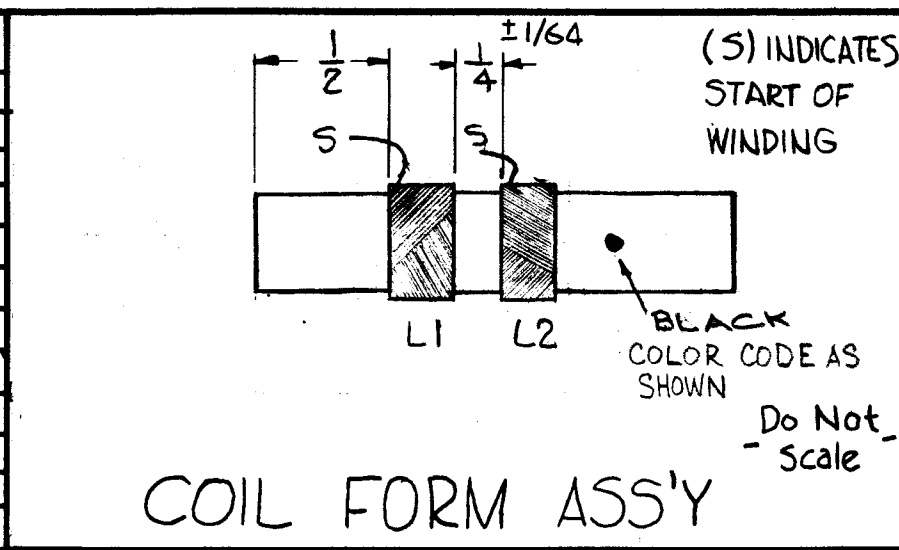
- WINDING DATA**
1. Wind primary first, 160 turns item 7, starting 1/2 inch from end. Stake ends to form with item 13.
 2. Wind secondary, 5/16 from finish of primary 160 turns item 7. Stake ends with item 13.
 3. Assemble as shown.
 4. Color code as shown.
 5. Strip & tin leads. Solder them to proper color-coded terminals.
 6. Saturate coils with item 14, Bake for 1/2 hour at 215°F.
 7. Solder test leads to terminals, as shown in coil Ass'y. test as per chart above. Q Dope all leads. (Item 4)



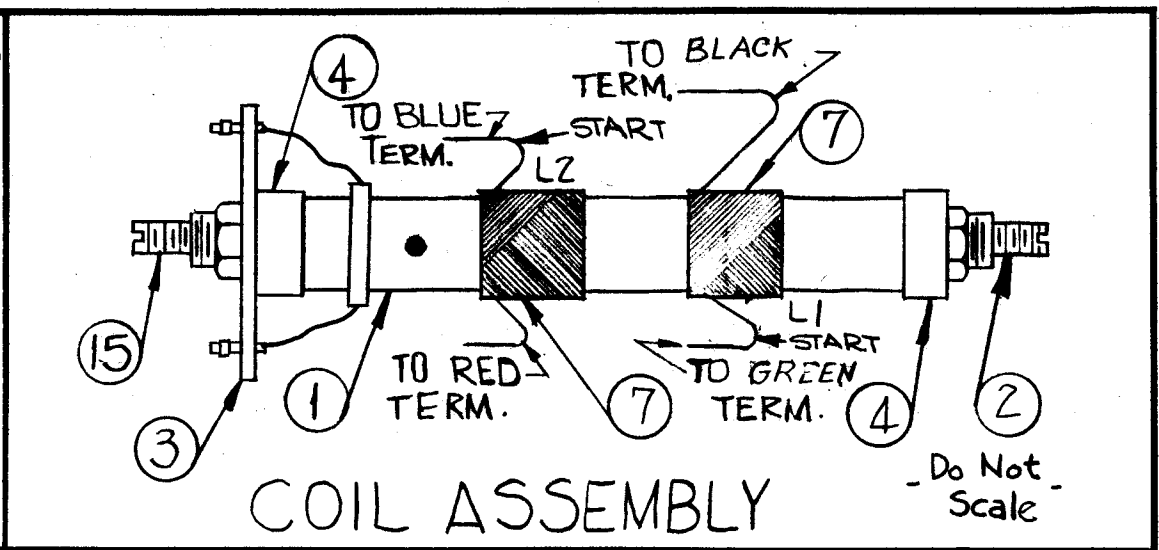
G	ON FINAL ASSY. IT. 9 WAS IT. 21 ON COIL ASSY. IT. 4 WAS IT. 19 IT. #19 & #21 DELETED IT. #4 WAS 1 REQ, IT. #9 WAS 1 REQ.	7.13.64	11746	KB	JCS	AKO
F	ITEMS (6 & 16) LOCATED ON PICTORIAL	4/23/64	11275	AM	@	W

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	GPR-92	IF	T130	10-16-62
	MODEL	SECTION	ASS'Y. NO.	DATE
	USED ON			



	21	DELETED	
1	20	SP-129-1	SPRING, LOCKING
	19	DELETED	
1	18	NTH0348BN6	NUT, HEXAGON
1	17	CC215L050D	CAPACITOR, FIXED CERAMIC
1	16	RC20GF333K	RESISTOR, FIXED, COMPOSITION
1	15	CI-116-17	CORE TUNING
X	14	GL-102	CEMENT, Q-DOPE
X	13	GL-103	CEMENT, DUOCO
X	12	B5-100	SOLDER, SOFT
1	11	TE-104-4	TERMINAL, LOCKING
1	10	LW108MRN	LOCKWASHER, INTERNAL TOOTH
2	9	NTH0832BN8	NUT, HEXAGON
1	8	A-1440	CAN ASSEMBLY
X	7	WI-107-19	WIRE, #38DSC
2	6	CM15C511K	CAPACITOR, FIXED, MICA
X	5	WL-100-7	WIRE, BUSS BAR
2	4	SM-140-2	BUSHING, COIL MOUNTING
1	3	PX-379	BASE
1	2	CI-116-6	CORE, TUNING
1	1	CF-122-2.0625	FORM, COIL

REQ. ITEM	PART NO.	GELLMAN	DESCRIPTION	SYMBOL
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
STOCK SIZE				
MATERIAL				
TT-152 ASS'Y				
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKER	FINAL APPROVAL
		RUIZZO	JHQ	BP
FINISH & SPEC. NO.	ELC. DES. APP.	MECH. DES. APP.	A-2135 G	