

A-2134 C

COIL DATA

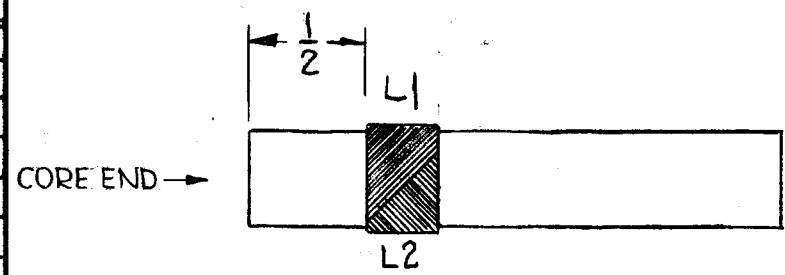
SPECIFICATIONS	PRIMARY L1	SECONDARY
RACK GEAR		
RACK DRIVER		
CAM	.250	
CAM GEAR	107	
CAM DRIVER	30	
CAM IDLER	66-66	
RACK IDLER		
L uh (+ 5%)	240	
Q @ 790 KC	40-50	
R	12	

WINDING INSTRUCTIONS

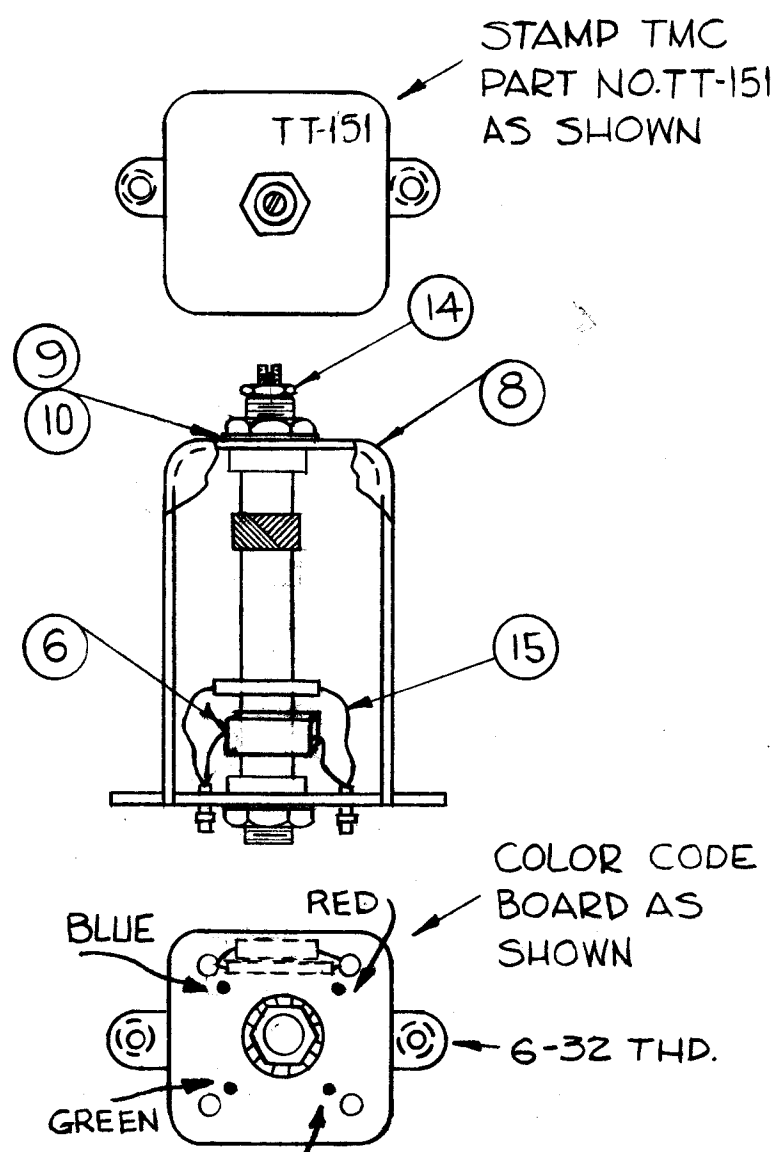
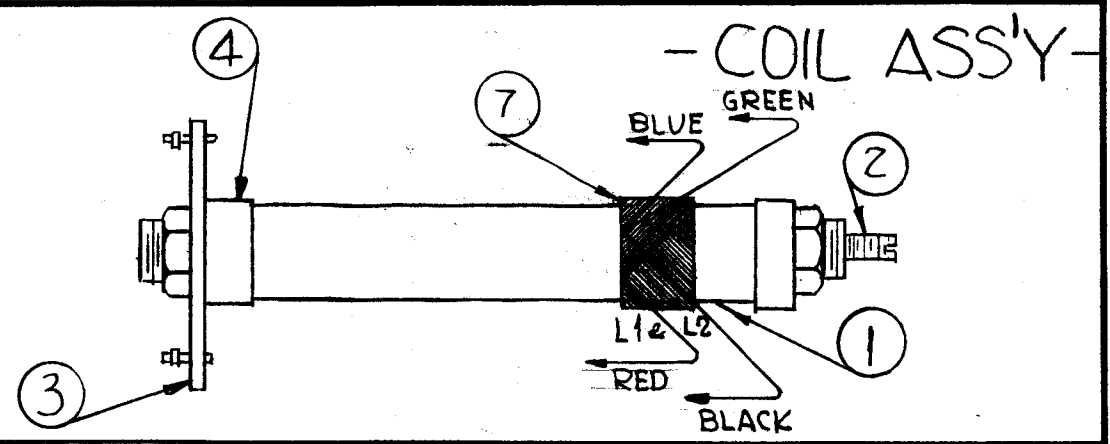
TURNS	PRIMARY	SECONDARY
	210 APPROX	3
WIRE	# 38 DSC	# 38 DSC

WINDING DATA

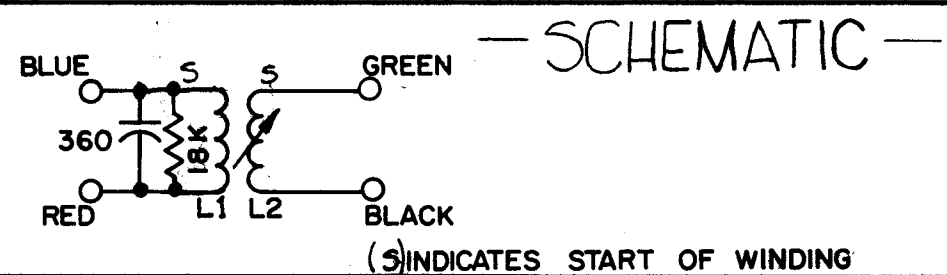
1. Wind primary first, 210 turns item 7, # 38 DSC starting 1/2 inch from end. Stake ends to form with item 13.
2. Wind secondary on top of primary- 3 turns item 7. Stake with item 13.
3. Check for Q,R and Inductance
4. Bake for 1/2 hour at 215°F.
5. Saturate with item 5.
6. Solder all leads and assemble as shown.



— COIL FORM ASSY —



— FINAL ASSY —



— SCHEMATIC —

REQ.	ITEM	PART NO.	STRUMER DESCRIPTION	SYMBOL
	1	15	RC20GF183K	RESISTOR, FIXED COMPOSITION
	1	14	NTH0348BN6	NUT, HEX
X	13	GL-103	CEMENT DUCO	
		12	DELETED	
X	11	BS-100	SOLDER SOFT	
Z	10	LWI08MRN	LOCKWASHER, INTERNAL TOOTH	
2	9	NTH0832BN8	NUT, HEXAGON, DOUBLE CHAMFER	
1	8	A-1440	CAN ASSEMBLY	
X	7	WI-107-19	WIRE, #38DSC	
1	6	CM15C361K	CAPACITOR, FIXED, MICA	
X	5	GL-102	CEMENT, Q DOPE	
2	4	SM-140-2	BUSHING, COIL MOUNTING	
1	3	PX-379	BASE	
1	2	CI-116-6	CORE	
1	1	CF-122-2.0625	COIL FORM	

REQ.	ITEM	PART NO.	STRUMER DESCRIPTION	SYMBOL
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK				
TT-151 ASSY				
MATERIAL				
TYPE & TEMPER		HEAT TREAT. SPEC.		FINISH & SPEC. NO.
DRAWN		CHECKER		FINAL APPROVAL
ELEC. DES. APP.		MECH. DES. APP.		A-2134 C

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
C	ITEM #15 ADDED TO BUILDUP, PICT., & SCHEMATIC.	10/1/63	10083			
B	NO. OF TURNS ON PRIMARY WAS 185	4-10-63	8708			
A	ITEM (1) WAS CF-122-2 X16	3-15-63	8559			