E

A-2133

COIL DATA

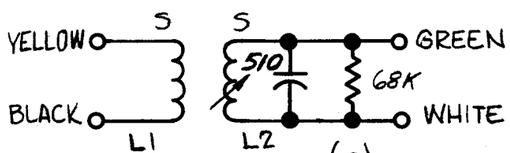
SPECIFICATIONS	PRIMARY L2	SECONDARY L2
# TURNS	75	160
WIRE SIZE	#38 DSC	#38 DSC
CAM	.250	.250
CAM GEAR	107	107
CAM DRIVER	30	30
CAM IDLER	66-66	66-66
RACK IDLER		
L uh (± 5%)	30	134
Q	40-50 @ 2.52 MC/S	40-50 @ 795 KC/S
R Ω	~ 3.8	~ 8.5

WINDING DATA

1. Wind Prim. first, wind on 75 turns of item 3, begining at 1/2 inch from end of form.
2. Sec. start 1/8 from finish of Prim. wind on 160 turns of item 3. Stake leads to coil form with item 11; (applies to steps 1 and 2.)

COIL FORM ASSEMBLY

3. Strip & tin leads, connect them to proper color-coded terminals.
4. Saturate coils with item 12, Bake for 1/2 hour at 215° F.
5. Solder test leads to lugs (#22 Buss) test as per chart above.
6. Solder capacitor & resistor in place, Q dope all leads
7. Assemble, and place in can as shown.



SCHEMATIC

(S) INDICATES START OF WINDING

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
E	IN WINDING DATA NOTE #2 1/8 WAS 3/32	9-26-63	10061	RO		
D	ON FINAL ASSY, BLK & YELLOW DOTS WERE REVERSED	7-8-63	9406	RE		
C	ITEM (4) WAS CI-116-6 ON SCHEMATIC L1 & L2 WERE REVERSED ON COIL FORM ASSY, Y8 DIM WAS 3/32 ON COIL ASSY COLORS WERE REVERSED (LEFT TO RIGHT)	5-23-63	9035	RE		
B	ON COIL FORM ASSY, ADDED 1/2 DIMS; ITEM (5) WAS PX-541	4-10-63	8730	RE		
A	ITEMS (1) WAS CF-122-2 X6, (10) WAS LWI08MRC	3-18-63	8559	RE		

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES

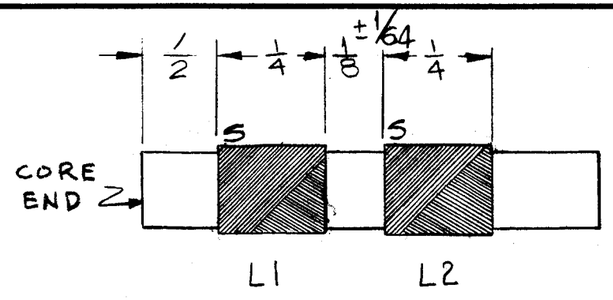
TOLERANCES ON

FRACTIONS ± 1/64 DECIMALS ± .005 ANGLES ± 1/2°

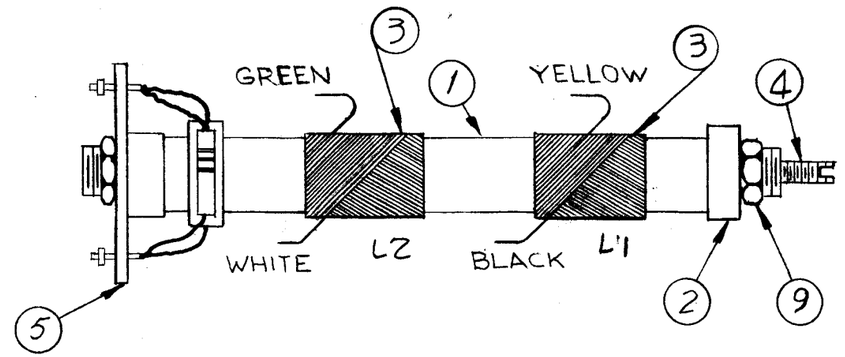
SCALE:

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

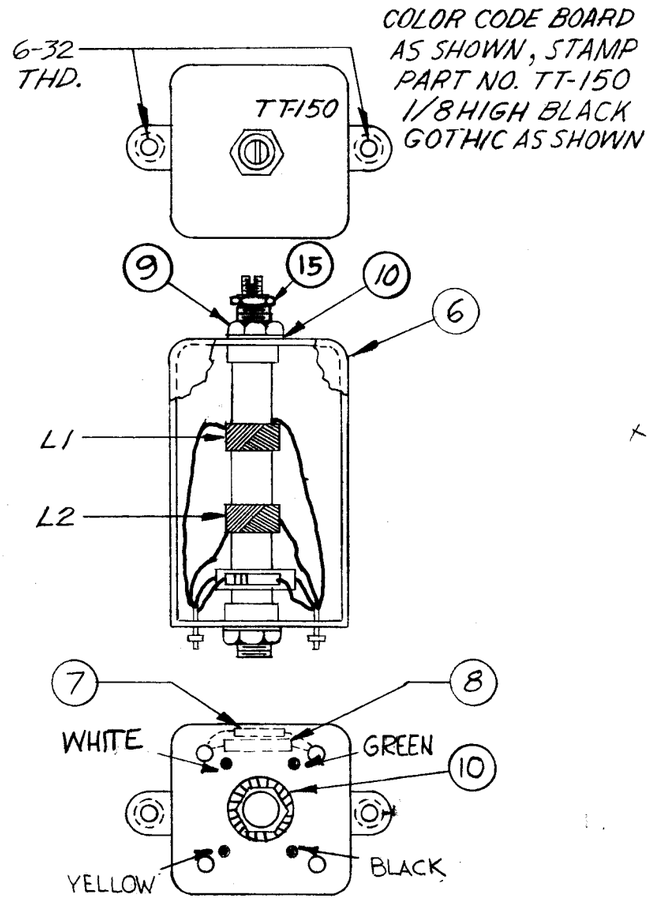
TMC FORM NO. 109



COIL FORM ASS'Y (NOT TO SCALE)



COIL ASS'Y (NOT TO SCALE)



FINAL ASS'Y

REQ. PER UNIT	MODEL	SECTION	ASS'Y. NO.	DATE
1	GPR-92	IF	T127	10-16-62

USED ON

REQ.	ITEM	PART NO.	DESCRIPTION
1	15	NTH0348BNG	NUT, HEX
X	14	BS-100	SOLDER, SOFT
X			
X	12	GL-102	CEMENT, Q DOPE
X	11	GL-103	CEMENT, DUCO
2	10	LWI08MRN	LOCKWASHER, INTERNAL TOOTH
2	9	NTH0832BN8	NUT, HEXAGON, DOUBLE CHAM.
1	8	CM15C511K	CAPACITOR, FIXED, MICA
1	7	RC20GF683K	RESISTOR, FIXED, COMPOSITION
1	6	A-1440	CAN ASSEMBLY
1	5	PX-379	BASE
1	4	CI-116-17	CORE, TUNING
X	3	WI-107-19	#38 DSC, WIRE
2	2	SM-140-2	BUSHING, COIL MTG.
1	1	CF122-2.0625	COIL FORM

GELLMAN

STOCK SIZE

MATERIAL

TYPE & TEMPER | HEAT TREAT. SPEC. | FINISH & SPEC. NO.

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

TT-150 ASS'Y

DRAWN	CHECKER	FINAL APPROVAL
		BP

ELEC. DES. APP.	MECH. DES. APP.	
	MP	A-2133 E

DEFIANCE NO. 1020 36855