

A-2130

COIL DATA

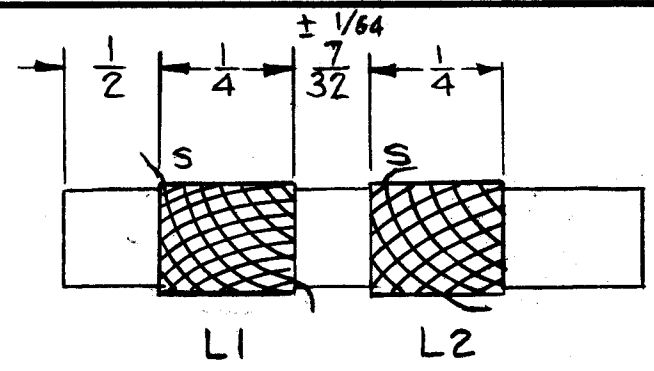
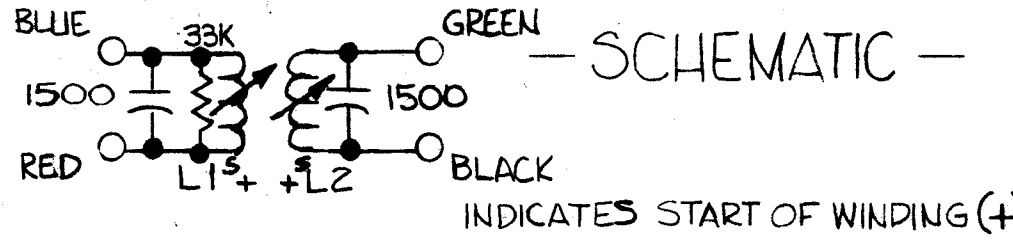
SPECIFICATIONS	PRIMARY L ₁	SECONDARY L ₂
RACK GEAR		
RACK DRIVER		
CAM	.250	.250
CAM GEAR	105	105
CAM DRIVER	69	69
CAM IDLER	66-66	66-66
RACK IDLER		
L _{uh} (±5%)	48	48
Q @ 2.5 MC	35-40	35-40
R Ω (APPROX)	3.3	3.3

WINDING INSTRUCTIONS

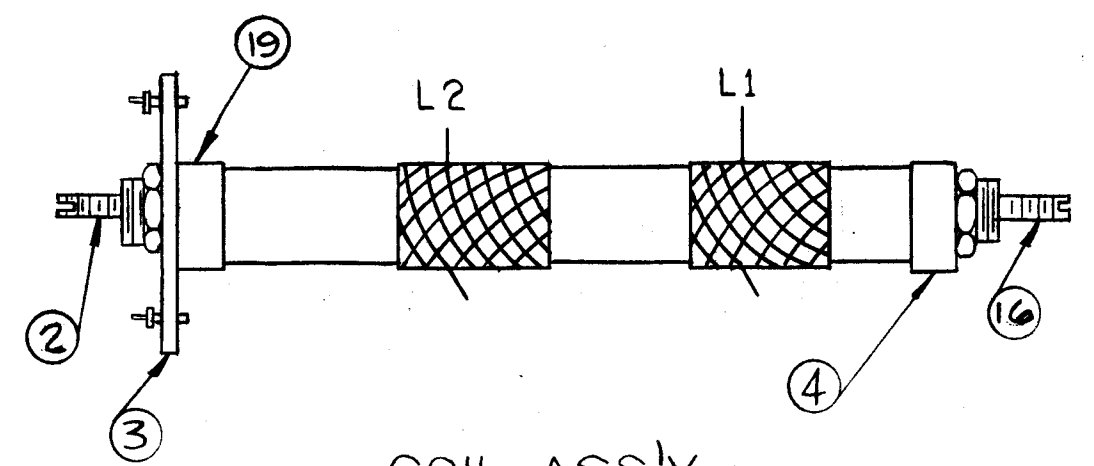
URNS	90	90
WIRE	#36 DSC	#36DSC

WINDING DATA

1. Wind primary first-90 turns item 7, starting 1/2 inch from end. Stake ends with item 13.
2. Wind secondary 7/32 from end of primary, 90 turns item 7. Stake ends with item 13.
3. Check Q, inductance and resistance.
4. Bake for 1/2 hour at 215° F.
5. Saturate with item 14.
6. Solder all leads an assemble as per drawing.
7. Assemble per Elec. Schematic & Drawing as shown.

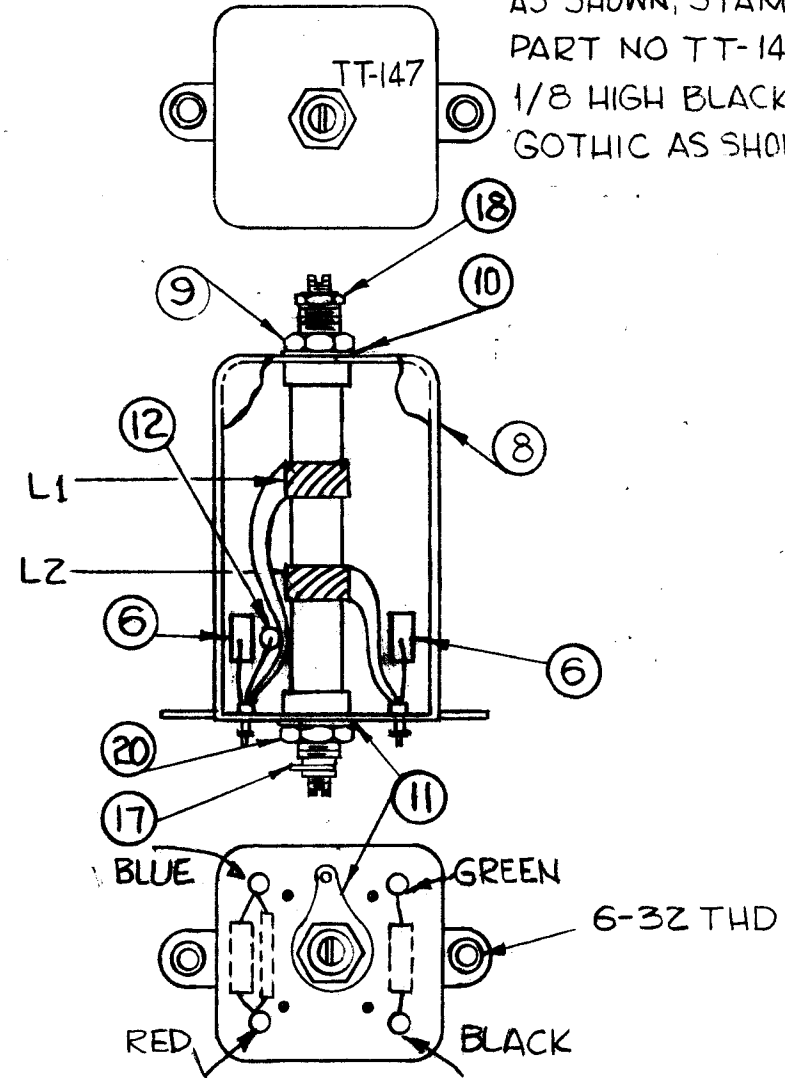


— COIL FORM ASS'Y (NOT TO SCALE)



— COIL ASS'Y (NOT TO SCALE)

COLOR CODE BOARD
AS SHOWN, STAMP
PART NO TT-147
1/8 HIGH BLACK
GOTHIC AS SHOWN



FINAL ASSEMBLY

REQ.	ITEM	PART NO.	GELLMAN DESCRIPTION	SYMBOL
1	20	NTH1032BN12	NUT, HEXAGON	
1	19	SM-140-1	BUSHING, COIL MTG	
1	18	NTH0348BN6	NUT, HEXAGON	
1	17	SP-129-1	SPRING, LOCKING	
1	16	CI-116-6	CORE, TUNING	
X	15	BS-100	SOLDER, SOFT	
X	14	GL-102	Q-DOPE	
X	13	GL-103	DUCO	
1	12	RC20GF333K	RESISTOR, FIXED, COMPOSITION	
1	11	TE-104-4	TERMINAL, LOCKING	
1	10	LW108MRN	LOCKWASHERS, INTERNAL TOOTH	
1	9	NTH0832BN10	NUT HEXAGON, DOUBLE CHAMFER	
1	8	A-1440	CAN ASSEMBLY	
X	7	WI-107-17	WIRE, #36DSC	
2	6	CM20C152K	CAPACITOR, FIXED, MICA	
	5			
1	4	SM-140-2	BUSHING, COIL MTG	
1	3	PX-379	BASE	
1	2	CI-116-17	CORE, TUNING	
1	1	CF-122-2.0625	FORM, COIL	

SYM	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
C	ON COIL FORM ASSY, ADDED 1/4 DIMS ITEM 3 WAS PX-547, PICTORIAL CORRECTED	4-10-63	8708		HDR	
B	ITEM 1 WAS CF-122-2X6	3-18-63	8559		TRC	
A	DIM BETWEEN COILS WAS 1/4 Q ON DATA CHART WAS 40-50 FOR L1 & L2	3-14-63	8557		RC	

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	MODEL	SECTION	ASS'Y. NO.	DATE
1	GPR-92	IF	T122	10-16-62
USED ON				

STOCK SIZE	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		
	TT-147 ASSY		
MATERIAL	RUZZO	HDR	TRC
TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKER
FINISH & SPEC. NO.		ELC. DES. APP.	MECH. DES. APP.

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