

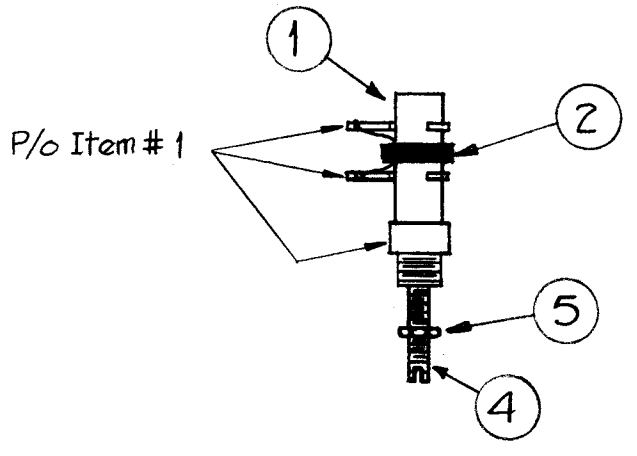
A-1979 D

TMC MFG. ASS'Y NO.	TMC PART NUMBER	NO OF COIL TURNS	NOMINAL IND(UHY) W/O CORE	TEST FREQ.	Q at test Freq. MUST BE GREATER THAN	OPERATING FREQ.	BAND	REQ.	CHG SYMBOL #5
A-1979-1	CL-243	20	3.35 ±10%	7.9mc	50	10 mc	6	1	L1118
A-1979-2	CL-244	16	2.45 ±10%	7.9mc	50	12 mc	7	1	L1117
A-1979-3	CL-245	14	1.7 ±10%	7.9mc	50	14 mc	8	1	L1116

- WINDING DATA
1. Start winding 17/32" from end of bushing as shown
 2. End winding at specified turns for particular frequency required (see chart).
 3. Keep all leads approximately 3" long.
 4. Stake leads to coil form with item 7.
 5. Assemble ring terminal on end of form as shown and stake with item 7.
 6. Fasten end of item 2 to ring terminals.
 7. Bake unit for 1/2 hour at 215° F.
 8. Coat winding and ring terminals with item 8.
 9. Bake hard for 1/2 hour at 215° F.
 10. Test according to specifications in chart.

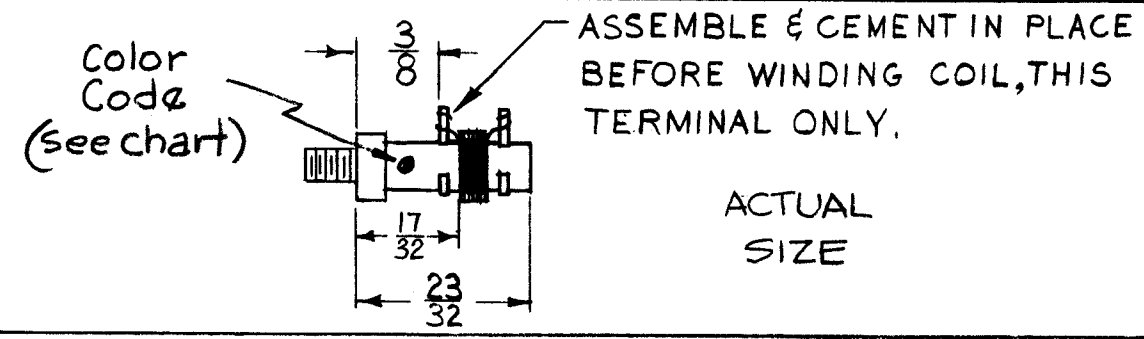
COLOR CHART

Part Number	Color
CL-243	Green
CL-244	Blue
CL-245	White



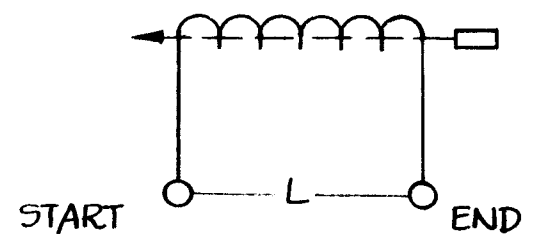
WINDING MACHINE DATA (FOR PI WIND)

DRIVER	95
CAM GEAR	49
CAM	.125



REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
X 9	BS-100	SOLDER, SOFT	
X 8	GL-104-2	INSULEX-U85	
X 7	GL-103	DUCO CEMENT	
	6	DELETED	
1 5	NTH0348BNG	NUT, HEX	
1 4	CI-116-5	CORE TUNING	RED
	3	DELETED	
X 2	WI-107-15	MAGNET WIRE DSC (SIZE 34)	
1 1	CF-110-N-1	COIL FORM .250 O.D.	

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
D	1	ADDED 10% ON ALL ITEMS ON NOM. IND(UHY)	2/10/64	10870	A.M	T.R.	<i>[Signature]</i>
C	3	WINDING NOTES 1 & 5 CLARIFIED					
	2	ON ACTUAL SIZE ASS'Y NOTE ADDED	1-17-61	3937	W.A.F	J.C.B	<i>[Signature]</i>
B	1	ON ACTUAL SIZE DIMS 3/8 WAS 3/16					
	2	COLOR CHART & CHG SYMBOLS CHART ADDED	12/21/60	3789	J.D.M	J.C.B	<i>[Signature]</i>
A	1	ITEM 4 WAS CF-116-5					
	3	ACTUAL SIZE, PICT, DIM. REVISED					
	2	ITEM 1 WAS CF-122-B12	11-8-60	3417	W.F.	J.C.B	<i>[Signature]</i>
	1	ITEMS 3 & 6 DELETED					



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

REQ. PER UNIT	CHG-1	MF/RF	ASS'Y. NO.	DATE
				9-22-60
USED ON				

STOCK SIZE	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
MATERIAL	COIL ASS'Y			
FINISH & SPEC. NO.	CHG MULTIPLIER COIL			
	TYPE & TEMPER	HEAT TREAT. SPEC.	DRAWN	CHECKED
			<i>[Signature]</i>	<i>[Signature]</i>
	ELEC. DES. APP.		MECH. DES. APP.	
			A-1979 D	