

WINDING MACHINE DATA

Load Turns = 200 (Approx.)  
6" Load Ring

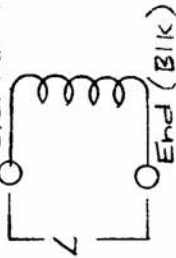
WINDING (in accordance WITH TMC SPEC. S-337)

1. Wind 2500 turns of wire (item 2) onto core (item 1).
2. Bake for 1/2 hour at 215° F.
3. Submerge hot coil in GL-110 (item 3)
4. Test and resonate as per Spec. S-41B

Fr. = 1Kc

L = .95 H<sub>y</sub> (Approx.)

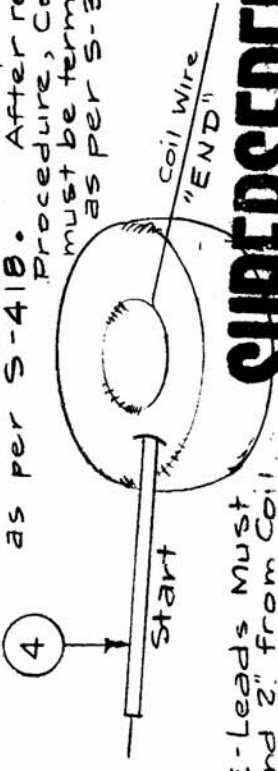
Q = 150 or greater  
DC Res. = 125-Ω or greater



See S337  
for Use of  
these items

REQ. PER. UNIT	MODEL	ASSY. NO.	DATE	USED ON
1	FX-157		2-25-59	A-164B B

NOTE - "Coil Wire END" must extend as shown until coil is properly resonated with its Associated Components, as per S-41B. After resonating procedure, Coil "END" must be terminated as per S-337.(steps)



NOTE - Leads Must Extend 2" from Coil.

**SUPERSEDED**

**DIRECTLY REPLACED BY... CL157**

X 8	BS-100	SOLDER, SOFT	
X 7	TA-102-2	TAPE, PAPER	
X 6	PX-104-1-.022	SLEEVING	Blk.
X 5	DMC28(7)U0	CABLE, INSULATED (End)	Blk.
X 4	DMC28(7)U1	CABLE, INSULATED (start)	Brn.
X 3	GL-110	COMPOUND, POTTING	
X 2	WI-123-36	WIRE (#36)	
1 1	CI-103-8	CORE	

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
		THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
	STOCK SIZE	COIL, AF, 2805 cps BANDPASS FILTER (CL-157)	
	MATERIAL		
		6/25/59	ALLB
	TYPE & TEMPER	DRAWN	CHECKED
	HEATTREAT.SPEC.	RWP	ALLB
	FINISH & SPEC. NO.		A-164B B
		ELEC. DES. APP MECH. DES. APP	

ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
B	SUPERSEDED	6-4-71	10369	RF	W	REB
A	COMPLETE REVISION	7/26/59	-	16	RWP	OMD
TOLERANCES						
SCALE:						
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES						
DEC. DIM. ±						
FRAC. DIM. ±						
ANGULAR DIM. ±						