REQ. PER. UNIT	USED ON MODEL	ASS'Y. NO.	DATE	A-1649	B.
1	FX-156		2-25-59		

WINDING MACHINE DATA

2 Loads Required
6" Load Ring
Load #1 - Approx. 250 Turns
Load #2 - Approx. 235 Turns

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

1. Wind 3600 turns from Load 1 onto core. Splice Load #2 wire to Load #1 wire.
2. Wind 2600 turns from Load 2 onto core. (Total turns, 6200).
3. Bake for 1/2 hour at 215° F.
4. Submerge hot coil in GL-110 (item 3).
5. Test and resonate as per spec. S-417

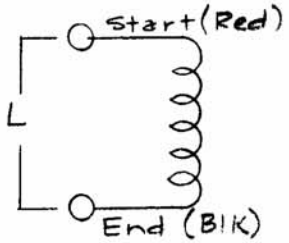
See S337 for Use of These Items

L = 4.8 Hy (Approx.)

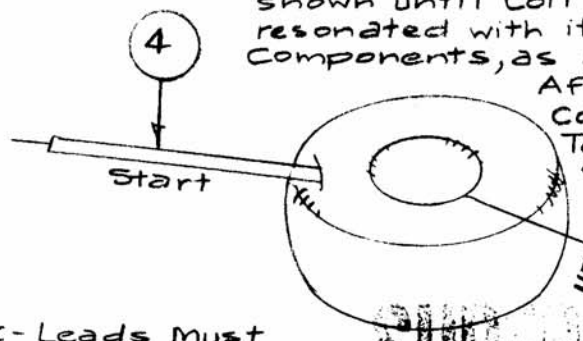
Q = 150 or greater

DC Res. - 360 Ω or Greater

Fr. = 1 Kc



NOTE - "Coil Wire END" must extend as shown until Coil is properly resonated with its Associated Components, as per S-417 - After Resonating Proc, Coil "End" must be Terminated as per S-337. (Step C)



NOTE - Leads Must Extend 2" from Coil

SUPERSEDED

DIRECTLY REPLACED BY CL156

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
X	8	BS-100	SOLDER, SOFT	
X	7	TA-102-2	TAPE, PAPER	
X	6	PX-104-1-.022	SLEEVING	BLK.
X	5	LWC28(7)U0	CABLE, INSULATED (End)	BLK.
X	4	LWC28(7)U2	CABLE, INSULATED (Start)	Red.
X	3	GL-110	COMPOUND, POTTING	
X	2	WI-123-36	WIRE (#36)	
1	1	CI-103-11	CORE	

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
B		SUPERSEDED	6-4-71	20369	RJ		
A	1	* COMPLETE REVISION	2/26/59	—	46	RWB	

TOLERANCES

DEC. DIM. ±
FRAC. DIM. ±
AN ULAR DIM. ±

SCALE:

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

STOCK SIZE

MATERIAL

TYPE & TEMPER | HEAT TREAT. SPEC.

FINISH & SPEC. NO.

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

COIL, AF, 935 cps BANDPASS FILTER
(CL-156)

DRAWN	CHECKED	FINAL APPROVAL
46 2/25/59		
RWB		A-1649 B

ELEC. DES. APP. | MECH. DES. APP.

FORM 108-A