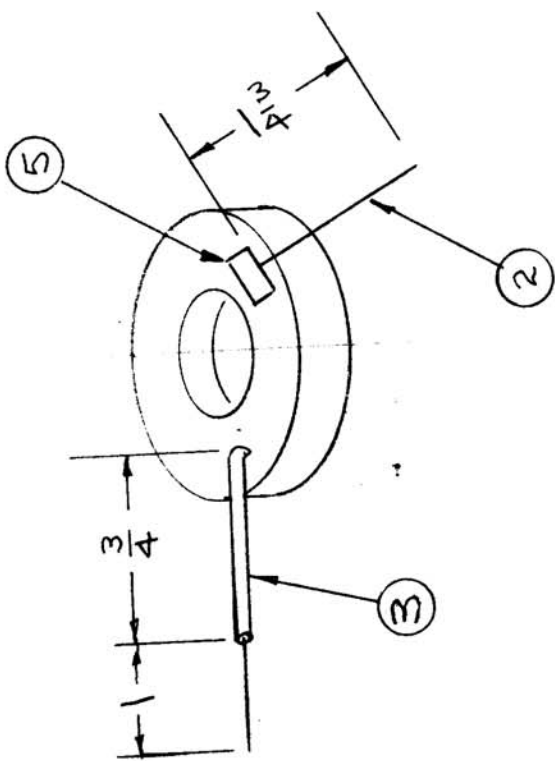


CL-126

USED ON DATE
 MODEL ASSY. NO. 2/29/57
 FX-151 A-1375

REQ. PER UNIT 1 EACH



TMC NO.	INDUCTANCE mh.	Q GREATER THAN	ITEM 2 WIRE	APPROX. CORE TURNS	APPROX. LOAD TURNS
CL-126-1	14.2-14.4	15	WI-123-30	670	30
CL-126-2	41.5-41.7	15	WI-123-32	1140	50
CL-126-3	14.7-14.9	15	WI-123-30	680	30
CL-126-4	28.3-28.5	15	WI-123-32	940	42
CL-126-5	28.0-28.3	15	WI-123-30	920	40
CL-126-6	2.00-2.05	15	WI-123-37	2600	110

WINDING PROCEDURE

NOTE: Coils to be wound in accordance with TMC Spec. S-337

1. Wind all coils as per chart above.
2. Measure inductance, using inductance bridge (General Radio Model 650-A). Remove necessary turns until the inductance complies with above chart.
3. Bak for 1/2 hour at 215° F.
4. Submerge Hot Coil in GL-110.
5. Tape end of coil as shown.

ISSUE ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
D	2 Coil Winding Note Added	7/26/57	4	16	WAD	ATJ
C	ITEM 6 ADDED	5/18/57	3	16	WAD	ATJ
B	Winding Data on 5-6 changed ITEM 3 WAS PX-104-2-022 CL-126-6 WAS 230-275	3/22/57	2	16	WAD	ATJ
A	CL-126-6 WAS 230-275 ASSY No. Added	3/14/57	1	16	WAD	ATJ

TOLERANCES

DEC. DIM. ±
 FRAC. DIM. ±
 ANGULAR DIM. ±

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

REQ. ITEM	PART NO.	DESCRIPTION	SYMBOL
X 6	PX-104-1-022	Insulation Sleeveing	BLK
X 5	TA-102-2	Tape, Paper	
X 4	GL-110	Impregnating Wax	
X 3	LWC 28(7)W	WIRE-HOOKUP # 28	BLK
X 2	See Chart	Wire, Magnet	
1 1	CI-103-34	Core, Molybdenum Permalloy Powder	

THE TECHNICAL MATERIEL CORP.
 MAMARONECK.
 NEW YORK

Reactor, Toroidal

FX-151

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 FINAL APPROVAL

WAD
 WAD
 ATJ

CL-126

D