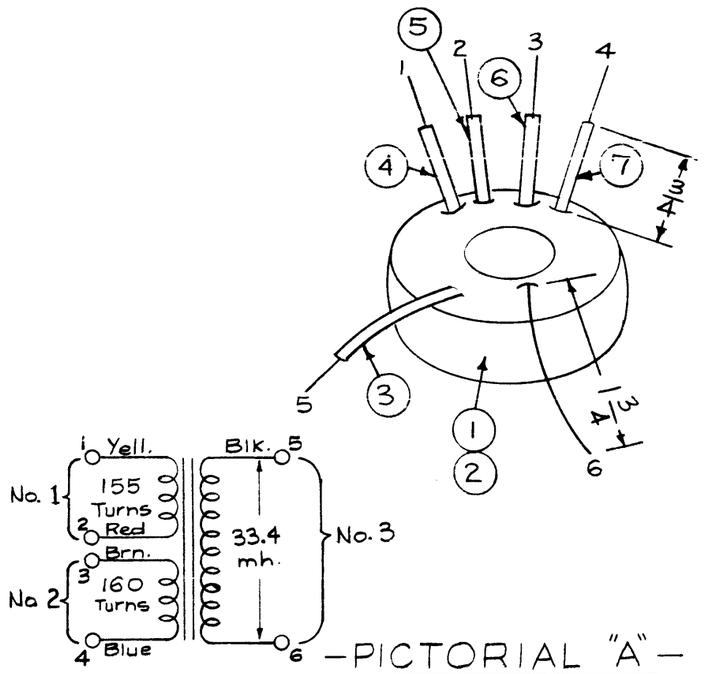
CL-202

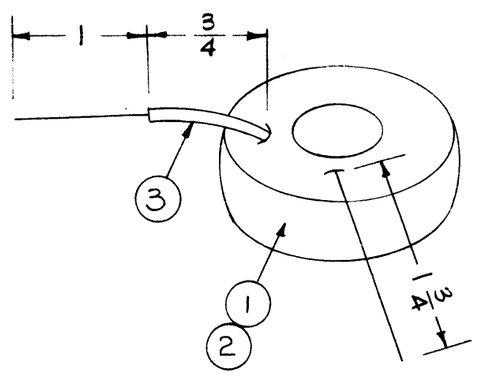
TMC NO.	INDUCTANCE (mhy.)	Q Greater Than	WIRE (ITEM 2)	APPROX. LOAD TURNS	PICT.
CL-202-1	3 Windings 1/155 Turns 2/160 Turns 3/33.4 mhy.	— — 15	WI-123-33	1/ 2/} 15 3/ 46	A
CL-202-2	82.0	15	WI-123-34	72	B
CL-202-3	17.5	15	WI-123-30	32	B
CL-202-4	35.2	15	WI-123-32	47	B
CL-202-5	16.7	15	WI-123-30	30	B
CL-202-6	26.0	15	WI-123-32	40	B
CL-202-7	17.3	15	WI-123-30	31	B
CL-202-8	46.3	15	WI-123-33	54	B
CL-202-9	37.5	15	WI-123-32	48	B
CL-202-10	150-153	15	WI-123-36	95	B

WINDING DATA

1. Wind all coils to the inductance specified, except CL-202-1, which will be wound as follows:
   a.) winding No. 1 - 155 turns.
   b.) winding No 2 - 160 turns.
   c.) Remove toroid from the ring and balance these two windings.
   d) Wind winding No.3 to 33.4 mhy.
2. Bake for 1/2 hour at 215° F.
3. Submerge hot coil in item 8.
4. Ref.- TMC SPEC. S-337



—PICTORIAL "A"—



—PICTORIAL "B"—

See TMC SPEC. S-337 for use of item 9

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
X	9	PX-104-1-.022	Insulation, Sleeving	BLK.
X	8	GL-110	Wax, Impregnating	
X	7	LWC28(7)U-6	Cable, Insulated	Blue
X	6	LWC28(7)U-1	↕	Brn.
X	5	LWC28(7)U-2	↕	Red
X	4	LWC28(7)U-4	↕	Yell.
X	3	LWC28(7)U-0	Cable, Insulated	BLK.
X	2	WI-123-"XX"	Wire, Magnet (See Chart)	
1 Ea.	1	CI-103-34	Core, Molybdenum	

STOCK SIZE —

MATERIAL —

TYPE & TEMPER — HEAT TREAT. SPEC. —

FINISH & SPEC. NO. —

THE TECHNICAL MATERIEL CORP.
MAMARONECK. NEW YORK

REACTOR, TOROIDAL
(FX-154)

DRAWN	CHECKED	FINAL APPROVAL
6-4-57		A. J. T.
ELEC. DES. APP.	MECH. DES. APP.	CL-202

ISSUE	ITEM	CHANGED FROM	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.

TOLERANCES

DEC. DIM. ±
FRAC. DIM. ±
ANGULA ±

SCALE: —

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

1 Each	FX-154	SBE-1	A-1423	6-4-57
REQ. PER UNIT	MODEL	PROJECT NO.	ASS'Y. NO.	DATE

USED ON

FORM - 10P