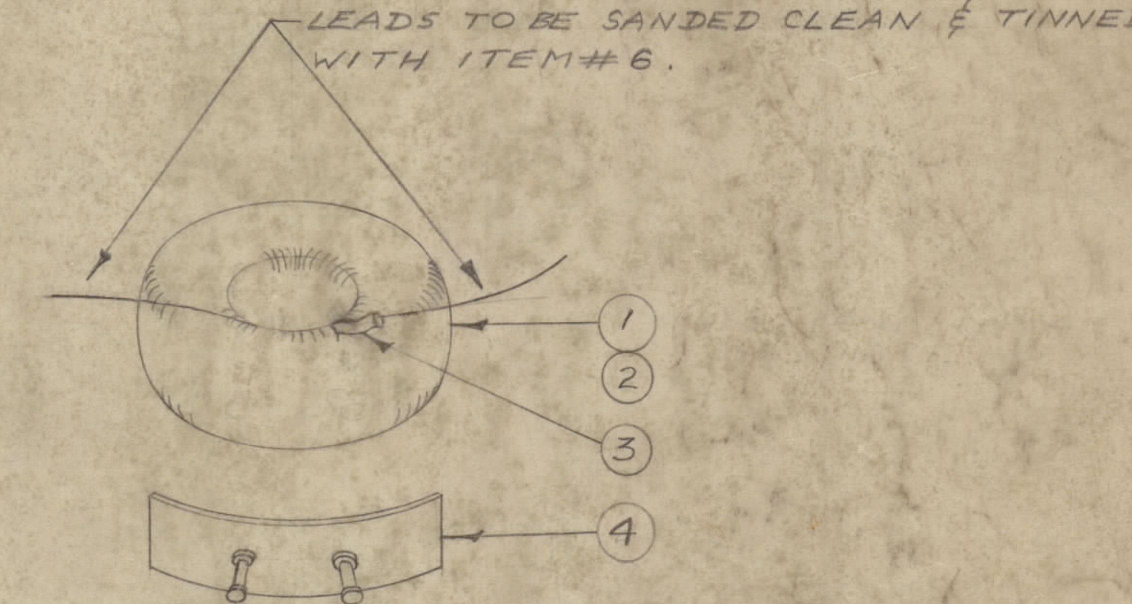
IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.

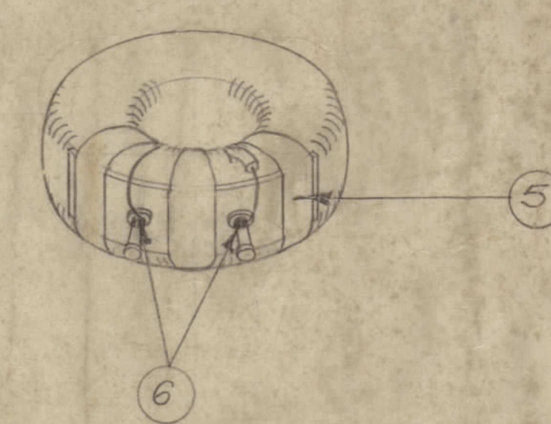
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

NOTE: AMOUNT OF TURNS IN COLUMNS 6 & 7 WILL VARY DUE TO THE VARYING PERMIABILITY OF THE CORE.

TMC NO.	IND. HY.	Q GREATER THAN	ITEM 1 CORE	ITEM 2 WIRE	COL. 6 APPROX. CORE TURNS	COL. 7 APPROX. LOAD TURNS
CL-106-1	3.3	100	C1-103-11	W1-123-35	5150	360
CL-106-2	2.9	100	C1-103-11	W1-123-35	4900	340
CL-106-3	1.384	100	C1-103-18	W1-123-32	4200	270
CL-106-4	1.364	100	C1-103-18	W1-123-32	4200	270
CL-106-5	1.118	100	C1-103-18	W1-123-32	3800	240
CL-106-6	1.112	100	C1-103-18	W1-123-32	3800	240
CL-106-7	1.000	100	C1-103-18	W1-123-32	3750	238
CL-106-8	.969	100	C1-103-18	W1-123-32	3550	218
CL-106-9	.955	100	C1-103-18	W1-123-32	3500	160 & 75
CL-106-10	.746	100	C1-103-18	W1-123-31	3025	190
CL-106-11						
CL-106-12	.734	100	C1-103-18	W1-123-31	2985	185
CL-106-13	.723	100	C1-103-18	W1-123-31	2975	185
CL-106-14	.706	100	C1-103-7	W1-123-33	2120	140
CL-106-15	.705	100	C1-103-7	W1-123-33	2120	140
CL-106-16	.704	100	C1-103-7	W1-123-33	2120	140
CL-106-17	.702	100	C1-103-7	W1-123-33	2120	140
CL-106-18	.701	100	C1-103-7	W1-123-33	2120	140
CL-106-19	.700	100	C1-103-7	W1-123-33	2120	140
CL-106-20	.698	100	C1-103-7	W1-123-33	2120	140
CL-106-21	.697	100	C1-103-7	W1-123-33	2120	140
CL-106-22	.692	100	C1-103-18	W1-123-31	2970	190
CL-106-23	.690	100	C1-103-7	W1-123-33	2100	140
CL-106-24	.682	100	C1-103-18	W1-123-31	2900	190
CL-106-25	.665	100	C1-103-18	W1-123-30	2840	190
CL-106-26	.662	100	C1-103-18	W1-123-30	2830	190
CL-106-27	.659	100	C1-103-18	W1-123-30	2825	190
CL-106-28	.656	100	C1-103-18	W1-123-30	2825	182
CL-106-29	.654	100	C1-103-18	W1-123-30	2825	182
CL-106-30	.652	100	C1-103-18	W1-123-30	2825	181
CL-106-31	.649	100	C1-103-18	W1-123-30	2815	181
CL-106-32	.646	100	C1-103-18	W1-123-30	2810	180
CL-106-33	.643	100	C1-103-18	W1-123-30	2800	180
CL-106-34	.639	100	C1-103-18	W1-123-30	2800	180
CL-106-35	.634	100	C1-103-18	W1-123-30	2780	180
CL-106-36	.628	100	C1-103-18	W1-123-30	2760	178
CL-106-37	.622	100	C1-103-18	W1-123-30	2750	178
CL-106-38	.621	100	C1-103-18	W1-123-30	2750	178
CL-106-39	.500	100	C1-103-18	W1-123-30	2450	152
CL-106-40	.366	50	C1-103-7	W1-123-33	1600	123
CL-106-41	.0538	50	C1-103-7	W1-123-29	600	40
CL-106-42	.043	50	C1-103-7	W1-123-29	530	35
CL-106-43	.0162	50	C1-103-6	W1-123-29	430	20
CL-106-44	.350	50	C1-103-7	W1-123-33	1575	120
CL-106-45	.750 ±0.5%	80	C1-103-18	W1-123-30	3095	100 & 95
CL-106-46	15.00	15	CI-103-34	WI-122-30	690	30
CL-106-47	12.70	15	CI-103-34	WI-122-29	630	28

} Notes 1, 2, 3, 4 (CL-106-46, CL-106-47)





CL-106 F

NOTES – To be used only when called for on Chart.

1. Bake coil for 1/2 hour at 215° F.
2. Submerge hot coil completely in GL-110 (Item 7)
3. Resonate according to TMC Spec. S-206 (before assembly of terminal strip) See A-1333
4. Measure Q at 1 Kc.

NOTES applying to all units.

1. Inductance Tolerance shall be ± 2% unless otherwise specified.

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
F	2 / 1	TO CL-106-45 "IND.HY." ±0.5% ADD, "HY." ADD. TO "IND". COLUMN	11.30.64	12868	LB	[illegible]	J.E.E.
E	1	CL-106-46 + 47 were CI-103-33	10/12/56	5	JAD	CDD	AJJ
D	1	CL-106-46 & 47 ADDED	8/20/56	4	CDD	JAD	AJJ
C	1	WI-123- WAS WI-113	3-30-55	3	PB	WDC	AJJ
B	1	TOL. NOTE ADDED	12/28/54	2	CDD	M.H.S.	AJJ
A	1	NOTE ADDED & COL. 6 & 7 CHANGED ON CL-106-1 & 2	11/12/53	1	HS	JAD	WDC

TOLERANCES		SCALE:
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

FORM — 110

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
X	7	GL-110	COMPOUND, POTTING	
X	6	BS-100	SOLDER, SOFT	
X	5	TA-102-2	TAPE, PAPER	
1	4	A-450	TERM. STRIP ASS'Y.	
3/4"	3	PX-104-1-.022	INSULATION, SLEEVING (SIZE 24)	
X	2	W1-	WIRE	
1	1	C1-103	CORE	

STOCK SIZE: //	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK
MATERIAL: // — WEIGHT PER PC.: //	INDUCTANCE, TOROIDAL ASS'Y.
TYPE & TEMPER: //	DRAWN: HS 10-19-53 — ELEC. DES. APP.: A.J.J. — MECH. DES. APP.: M.H.S.
HEAT TREAT. SPEC.: //	CHECKED: M.H.S. — FINAL APPROVAL: A.J.J. WDC
FINISH & SPEC. NO.: //	CL-106 F

MODEL	PROJECT NO.	ASS'Y. NO.	DATE

USED ON