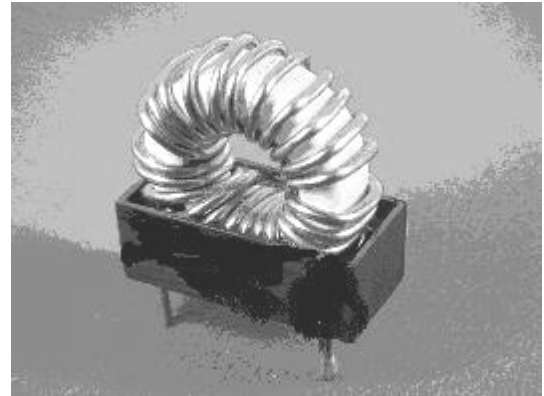


ICI-98T SERIES TOROIDAL INDUCTORS

HIGH CURRENT

FEATURES

- COST-EFFECTIVE DESIGNS.
- SEMI-ENCAPSULATED CONSTRUCTION
- MAXIMUM OPERATION TEMPERATURE OF 130°C
(Ambient+Rise)
- A 2:1 INDUCTANCE SWING FROM ZERO TO MAXIMUM CURRENT



TEST CONDITIONS

- Inductance ----- 10KHz/20mV

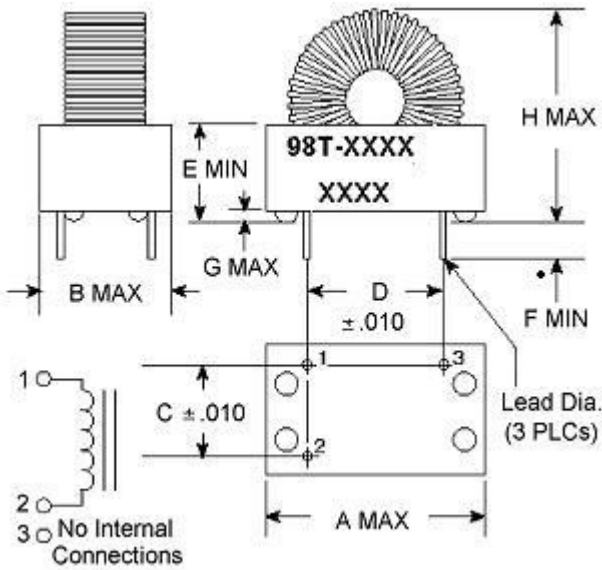
ELECTRICAL SPECIFICATIONS @25°C

REFERENCE OPERATING VALUES						DESIGN CONTROL VALUES				
PART NUMBER	INDUCTANCE TYPICAL (μHy)	Idc (AMPS)	ETOP (V-μSEC)		ENERGY STORAGE (μJ MIN)	INDUCTANCE NO DC (μHy+20%)	50KHz TEST mV NO DC	DCR (ΩMAX)	SIZE CODE	LEAD DIAMETER (IN ±.003)
			20KHz	40KHz						
			ICI98T-1703	17.0						
ICI98T-3204	32.0	16.0	290	200	4100	70.7	270	0.0092	4	0.081
ICI98T-6005	60.0	16.0	390	270	7700	120.0	470	0.012	5	0.081
ICI98T-1401	14.0	10.0	135	95	700	28.5	73	0.009	1	0.057
ICI98T-2302	23.0	11.0	170	120	1400	43.5	130	0.012	2	0.057
ICI98T-4303	43.0	10.0	280	195	2150	85.5	210	0.018	3	0.057
ICI98T-9004	90.0	10.0	430	300	4500	158.0	420	0.028	4	0.057
ICI98T-1445	144.0	10.0	570	400	7200	262.0	700	0.032	5	0.057
ICI98T-3201	32.0	6.6	200	140	700	60.5	110	0.025	1	0.040
ICI98T-5202	52.0	7.0	230	160	1275	92.0	190	0.032	2	0.040
ICI98T-9803	98.0	6.0	400	280	1765	188.0	310	0.048	3	0.040
ICI98T-1754	175.0	6.0	620	425	3150	315.0	560	0.068	4	0.040
ICI98T-3355	335.0	6.0	840	580	6030	571.0	1000	0.095	5	0.040
ICI98T-4013	400	3.6	600	420	2700	688.0	640	0.130	3	0.036

MARKINGS AND DIMENSION

ICI-98T SERIES TOROIDAL INDUCTORS

HIGH CURRENT



SIZE CODE	1	2	3	4	5	6
A	1.20	1.44	1.60	1.95	2.30	1.30
	30.48	36.57	40.64	49.53	58.42	33.02
B	0.60	0.80	0.80	0.91	1.11	0.90
	15.24	20.32	20.32	23.11	28.21	22.86
C	0.40	0.60	0.60	0.70	0.90	0.66
	10.16	15.24	15.24	17.78	22.85	16.76
D	0.80	0.90	0.90	1.20	1.50	0.75
	20.32	22.86	22.86	30.48	38.10	19.05
E	0.45	0.70	0.70	0.90	1.00	0.41
	11.43	17.78	17.78	22.86	25.4	10.41
F	0.20	0.20	0.20	0.20	0.20	0.10
	5.08	5.08	5.08	5.08	5.08	2.54
G	0.015	0.03	0.03	0.03	0.03	0.015
	0.381	0.76	0.76	0.76	0.76	0.381
H	1.20	1.44	1.72	2.00	2.30	1.40
	30.48	36.57	43.68	50.80	58.42	35.56

Dimensions: inches/mm

Unless otherwise specified, all tolerances are $\pm.010/\pm 0.25$