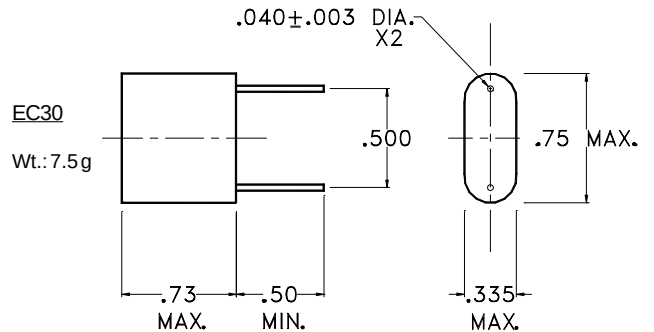
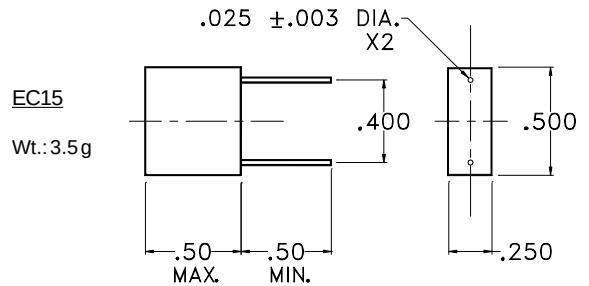


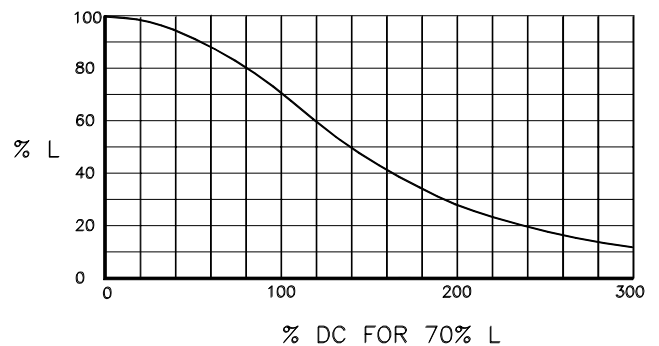
ELECTRICAL SPECIFICATIONS

PART NUMBER	L ₀ +15 -10% MILLI-H	DCR -15% OHMS	DC AMPS FOR 70% L	MAX DC AMPS FOR 50 C RISE	SELF RES. FREQ.-KHZ
EC15HL23	.0041	.0083	4.7	8.0	>1000
EC15HL24	.0067	.012	3.8	6.7	>1000
EC15HL25	.010	.017	3.0	5.7	>1000
EC15HL26	.016	.025	2.4	4.7	>1000
EC15HL27	.027	.038	1.9	3.8	>1000
EC15HL28	.040	.058	1.5	3.0	>1000
EC15HL29	.065	.084	1.2	2.5	>1000
EC15HL30	.10	.15	.95	1.9	>1000
EC15HL31	.16	.24	.75	1.5	>1000
EC15HL32	.25	.38	.60	1.2	>1000
EC15HL33	.40	.60	.47	.94	>1000
EC15HL34	.63	.96	.38	.76	>1000
EC15HL35	1.0	1.5	.30	.60	>1000
EC15HL36	1.6	2.4	.24	.48	750
EC15HL37	2.5	3.8	.19	.38	690
EC15HL38	4.0	6.0	.15	.30	420
EC15HL39	6.3	9.6	.12	.24	290
EC15HL40	10	15	.095	.19	220
EC15HL41	16	24	.075	.15	155
EC15HL42	25	38	.060	.12	125
EC15HL43	40	60	.047	.094	100
EC15HL44	63	96	.038	.072	75
EC15HL45	100	155	.030	.060	50
EC30HL19A	.0095	.007	6.3	9.6	>1000
EC30HL20A	.016	.011	5.0	7.5	>1000
EC30HL21A	.025	.016	4.0	6.3	>1000
EC30HL22A	.041	.025	3.2	5.0	>1000
EC30HL23A	.061	.038	2.5	4.1	>1000
EC30HL24A	.10	.063	2.0	3.2	>1000
EC30HL25A	.16	.10	1.6	2.5	>1000
EC30HL26A	.25	.16	1.3	2.0	>1000
EC30HL27A	.40	.25	1.0	1.6	>1000
EC30HL28A	.63	.40	.80	1.3	930
EC30HL29A	1.0	.63	.63	1.0	690
EC30HL30A	1.6	1.0	.50	.80	510
EC30HL31A	2.5	1.6	.40	.63	380
EC30HL32A	4.0	2.5	.32	.50	280
EC30HL33A	6.3	4.0	.25	.40	210
EC30HL34A	10	6.3	.20	.32	160
EC30HL35A	16	10	.16	.25	130
EC30HL36A	25	16	.13	.20	100
EC30HL37A	40	25	.10	.16	75
EC30HL38A	63	40	.080	.13	60
EC30HL39A	100	63	.063	.10	45
EC30HL40A	160	100	.050	.080	36
EC30HL41A	250	160	.040	.063	28
EC30HL42A	400	250	.032	.050	21

MECHANICAL SPECIFICATIONS



INDUCTANCE WITH DC



NOTES

1. Initial inductance (L₀) is measured at 1 KHz.
2. DC Amps maximum rating is DC and RMS AC combined for a 50°C rise at an ambient of 20°C and with no heat sink.
3. Maximum operating temperature is 155°C (MIL-T-27 CLASS V).
4. Self-Resonant Frequency is typical and for reference only.
5. For very low values of L & DCR, measure adjacent to case.
6. Epoxy encapsulated (MIL-T-27 GRADE 5).
7. Pins are tinned copper.

	INIT.	DATE	CAGE 09349	MAGNETIC CIRCUIT ELEMENTS INC.				
PROD.	MP	11-6-02		TOROIDAL CHOKES - MOLYPERMALLOY POWDER				
ENG.	JC	11-6-02	TEST CONDITION 20° ± 5° C	DECIMALS (IN.)	VOLTS	FREQUENCY	SIZE	DWG. NO.
Q.A.	B.T.	11-6-02		.XX = ± .03	±5%	±5%	A	ECHL
REV.	A	11-6-02		.XXX = ± .010				