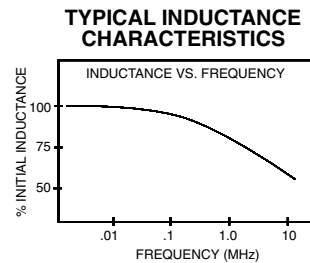


INDUCTORS

Toroid Inductors for Switching Power Supplies

- Current Range, 1 Amp to 50 Amps
- Cost Effective Design
- Wide Range of Inductance
- Maximum Temperature Rise, 40°C Above Ambient
- PC Mount



ELECTRICAL CHARACTERISTICS AT 25° C

BH PART NUMBER	RATED DC CURRENT (AMPS)	MINIMUM INDUCTANCE AT RATED DC (μH)	MINIMUM INDUCTANCE AT ZERO DC (μH)	DC RESISTANCE MAXIMUM (½)	MIN. ENERGY STORAGE 1/2 LI ₂	PACKAGE STYLE	LEAD DIA. INCHES
501-1001	1.0	725	1400	.75	366	1	.025
501-1002	2.5	115	230	.12	366	1	.025
501-1003	2.5	370	740	.23	1166	2	.025
501-1004	4.1	40	80	.045	361	1	.032
501-1005	4.1	140	280	.086	1185	2	.032
501-1006	4.1	360	720	.177	3034	3	.032
501-1007	6.5	15	30	.018	359	1	.040
501-1008	6.5	50	100	.035	1162	2	.040
501-1009	6.5	140	280	.070	3000	3	.040
501-1010	6.5	290	580	.098	6190	4	.040
501-1011	10.0	7	14	.0075	350	1	.051
501-1012	10.0	20	40	.014	1150	2	.051
501-1013	10.0	60	120	.028	3000	3	.051
501-1014	10.0	120	240	.040	6200	4	.051
501-1015	20.0	6	12	.004	1200	5	N/A
501-1016	20.0	15	30	.0072	3200	6	N/A
501-1017	20.0	30	60	.010	6400	7	N/A
501-1018	40.0	3.5	7.0	.0017	2800	6	N/A
501-1019	40.0	7	14	.0024	5920	7	N/A
501-1020	50.0	4.5	9	.0016	5875	7	N/A

PACKAGE STYLES

STYLE	A	B	C	D	E	F	G	H
1	1.05 in 26,67mm	.55 13,97	.400 10,16	.800 20,32	.55 13,97	.20 5,08	1.10 27,94	N/A
2	1.45 36,83	.80 20,32	.600 15,24	.900 22,86	.58 14,73	.20 5,08	1.40 35,56	N/A
3	2.00 50,80	.95 24,13	.700 17,78	1.20 30,48	.75 19,05	.20 5,08	1.90 48,26	N/A
4	2.16 54,86	1.12 28,45	.900 22,86	1.50 38,10	1.05 26,67	.20 5,08	2.20 55,88	N/A
5	1.45 36,83	.80 20,32	N/A	.900 22,86	.58 14,73	.25 6,35	1.40 35,56	6/32
6	2.00 50,80	.95 24,13	N/A	1.20 30,48	.75 19,05	.25 6,35	1.90 48,26	8/32
7	2.16 54,86	1.12 28,45	N/A	1.50 38,10	1.05 26,67	.25 6,35	2.20 55,88	10/32

Note: Style 5,6, 7 leads cut to 6" length - custom lengths available upon request

