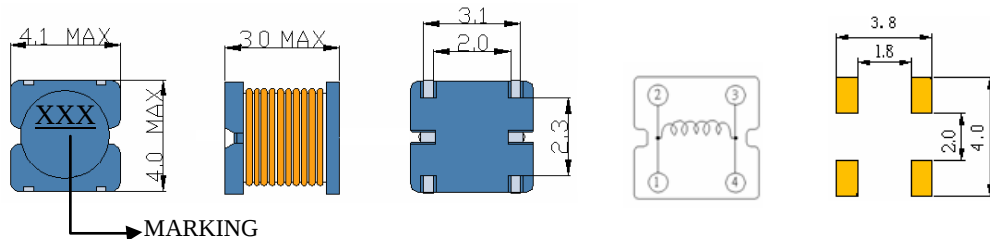


SMD POWER INDUCTORS



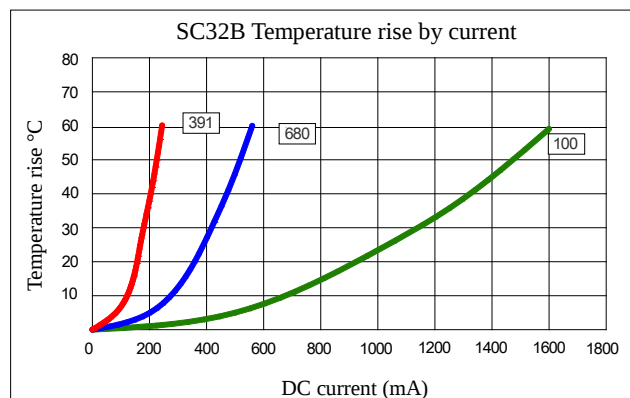
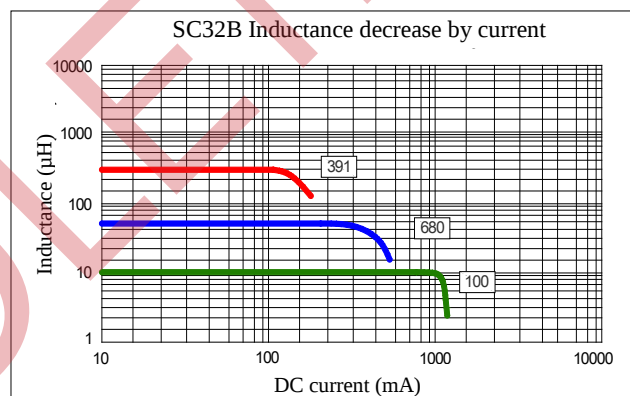
• Features

1. Open frame construction
2. Excellent Power Density
3. Engineered to Provide High Efficiency

ELECTRICAL CHARACTERISTICS



Part Number	Inductance (uH) (1)	Test Frequency	DC Resistance (Ω MAX) (2)	Saturation Current ⁽³⁾ (A)	Temperature Current ⁽⁴⁾ (A)
SC32B-100	10	100KHZ	0.23	0.760	1.00
SC32B-120	12	100KHZ	0.27	0.685	0.92
SC32B-150	15	100KHZ	0.31	0.635	0.86
SC32B-180	18	100KHZ	0.41	0.525	0.80
SC32B-220	22	100KHZ	0.47	0.500	0.74
SC32B-270	27	100KHZ	0.66	0.405	0.68
SC32B-330	33	100KHZ	0.76	0.380	0.58
SC32B-390	39	100KHZ	0.85	0.355	0.50
SC32B-470	47	100KHZ	0.97	0.330	0.45
SC32B-560	56	100KHZ	1.25	0.290	0.43
SC32B-680	68	100KHZ	1.45	0.275	0.40
SC32B-820	82	100KHZ	1.85	0.235	0.36
SC32B-100	100	100KHZ	2.20	0.220	0.32
SC32B-120	120	100KHZ	2.90	0.185	0.29
SC32B-150	150	100KHZ	3.40	0.170	0.25
SC32B-180	180	100KHZ	3.90	0.165	0.23
SC32B-220	220	100KHZ	4.50	0.155	0.21
SC32B-270	270	100KHZ	6.00	0.135	0.20
SC32B-330	330	100KHZ	7.00	0.125	0.18
SC32B-390	390	100KHZ	7.80	0.115	0.17



- (1). Inductance tolerance $\pm 20\%$ tested at 0.25V, 0ADC and 25°C.
- (2). DCR measured at 25°C.
- (3). The DC current at which the inductance decreases by 10% from its initial value.
- (4). The DC current that results in a 40°C temperature rise from 25°C ambient.

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[SC32B-181](#) [SC32B-221](#) [SC32B-101](#) [SC32B-331](#) [SC32B-100](#) [SC32B-151](#) [SC32B-391](#) [SC32B-270](#) [SC32B-680](#)
[SC32B-390](#) [SC32B-470](#)