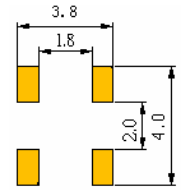
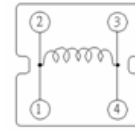
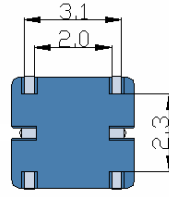
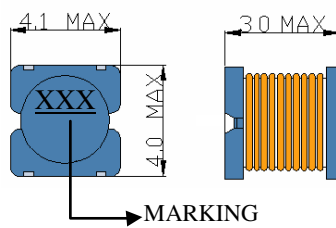
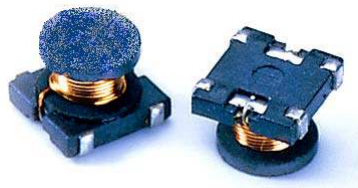


SC32B

SMD POWER INDUCTORS



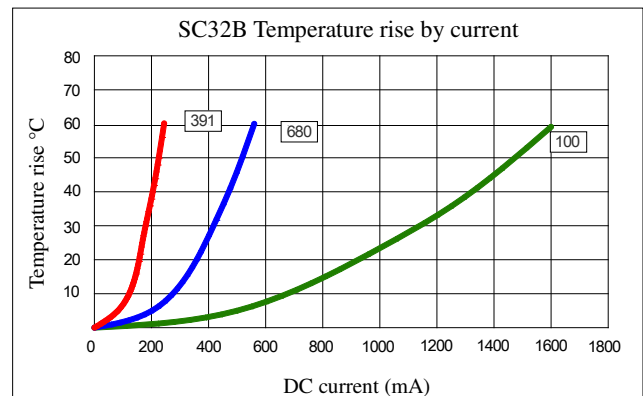
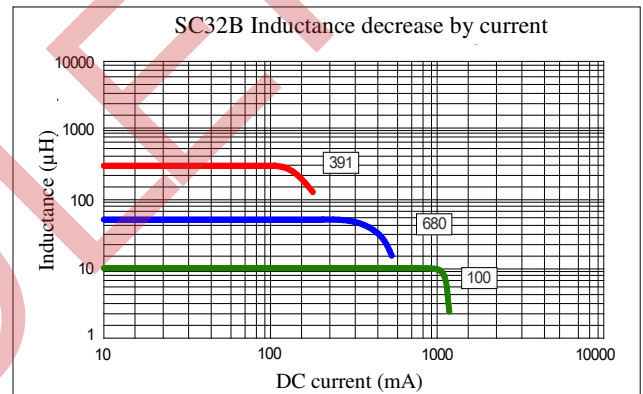
• Features

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-101 | 100 | 100KHZ | 2.20 | 0.220 | 0.32 |
| SC32B-121 | 120 | 100KHZ | 2.90 | 0.185 | 0.29 |
| SC32B-151 | 150 | 100KHZ | 3.40 | 0.170 | 0.25 |
| SC32B-181 | 180 | 100KHZ | 3.90 | 0.165 | 0.23 |
| SC32B-221 | 220 | 100KHZ | 4.50 | 0.155 | 0.21 |
| SC32B-271 | 270 | 100KHZ | 6.00 | 0.135 | 0.20 |
| SC32B-331 | 330 | 100KHZ | 7.00 | 0.125 | 0.18 |
| SC32B-391 | 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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Custom versions available upon request.

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