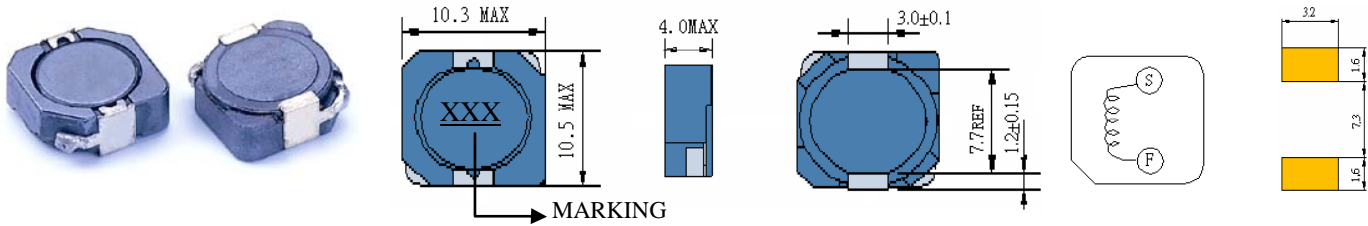


SCRH104R

SMD POWER INDUCTORS



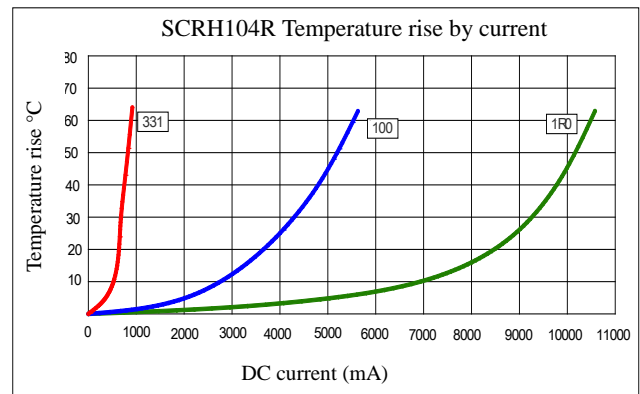
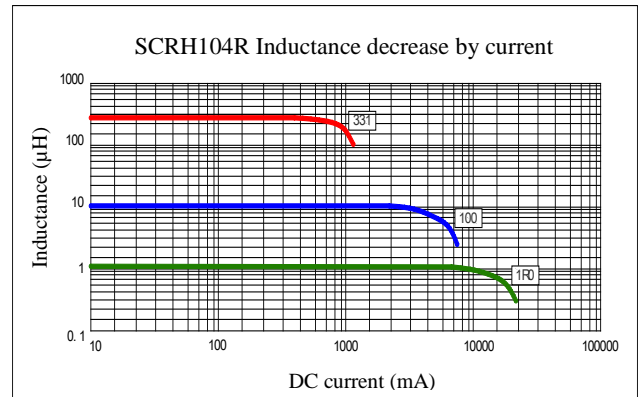
• Features

1. Magnetically shielded 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) |
|--------------|------------------------|----------------|------------------------------|--|---|
| SCRH104R-1R0 | 1.0 | 100KHZ | 8.1m | 10.1 | 9.00 |
| SCRH104R-1R5 | 1.5 | 100KHZ | 8.1m | 10.0 | 10.0 |
| SCRH104R-2R5 | 2.5 | 100KHZ | 10m | 7.50 | 7.50 |
| SCRH104R-3R3 | 3.3 | 100KHZ | 15m | 7.00 | 6.70 |
| SCRH104R-3R8 | 3.8 | 100KHZ | 15m | 6.00 | 6.00 |
| SCRH104R-4R7 | 4.7 | 100KHZ | 22m | 5.80 | 5.40 |
| SCRH104R-5R2 | 5.2 | 100KHZ | 22m | 5.70 | 5.10 |
| SCRH104R-5R8 | 5.8 | 100KHZ | 22m | 5.50 | 4.84 |
| SCRH104R-7R0 | 7.0 | 100KHZ | 27m | 4.80 | 4.59 |
| SCRH104R-100 | 10 | 100KHZ | 35m | 4.40 | 4.36 |
| SCRH104R-150 | 15 | 100KHZ | 50m | 3.60 | 3.10 |
| SCRH104R-220 | 22 | 100KHZ | 73m | 2.90 | 2.70 |
| SCRH104R-330 | 33 | 100KHZ | 117m | 2.30 | 2.10 |
| SCRH104R-470 | 47 | 100KHZ | 128m | 2.10 | 1.90 |
| SCRH104R-680 | 68 | 100KHZ | 265m | 1.50 | 1.42 |
| SCRH104R-101 | 100 | 100KHZ | 304m | 1.35 | 1.25 |
| SCRH104R-151 | 150 | 100KHZ | 506m | 1.15 | 0.93 |
| SCRH104R-221 | 220 | 100KHZ | 756 m | 0.92 | 0.70 |
| SCRH104R-331 | 330 | 100KHZ | 1.09 | 0.70 | 0.63 |



- (1). Inductance tolerance $\pm 30\%$ tested at 0.25V, 0ADC and 25°C
- (2). DCR measured at 25°C.
- (3). The DC current at which the inductance decreases by 35% from its initial value.
- (4). The DC current that results in a 40°C temperature rise from 25°C ambient.

[Click here for QUANTITY PER REEL & PACKING INFORMATION](#)

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