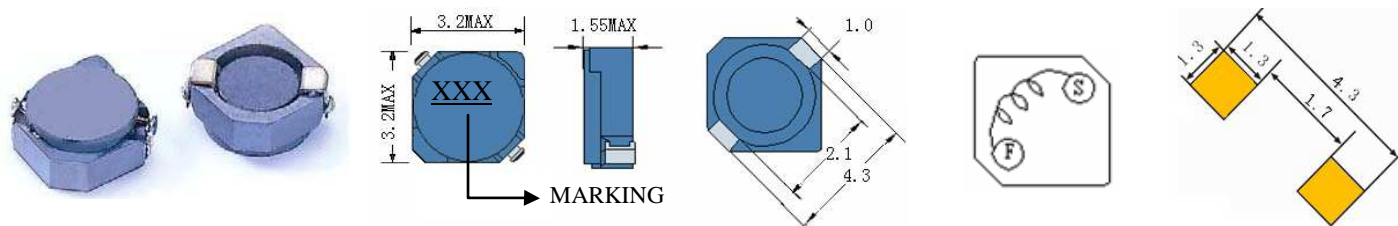


SCRH2D14

SMD POWER INDUCTORS



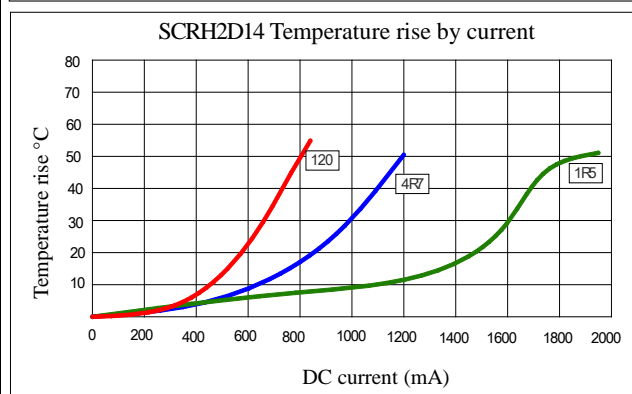
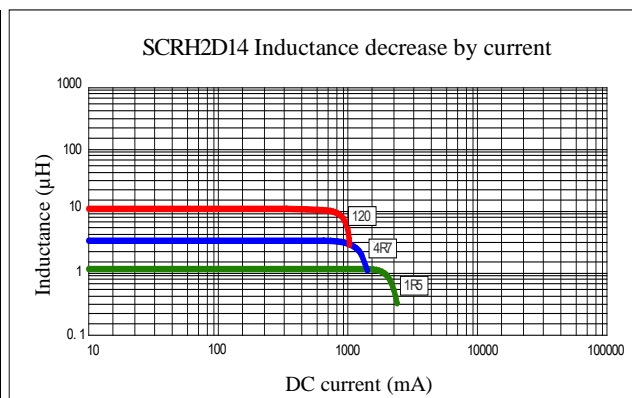
• Features

1. Magnetically shielded construction
2. Excellent Power Density
3. Engineered to Provide High Efficiency

CHARACTERISTICS



| Part Number | Inductance (uH) (1) | Test Frequency | DC Resistance (Ω MAX) (2) | Saturation Current ⁽³⁾ (A) | Temperature Current ⁽⁴⁾ (A) |
|--------------|------------------------|----------------|------------------------------|--|---|
| SCRH2D14-1R5 | 1.5 | 100KHZ | 71m | 1.80 | 1.60 |
| SCRH2D14-1R8 | 1.8 | 100KHZ | 85m | 1.65 | 1.44 |
| SCRH2D14-2R2 | 2.2 | 100KHZ | 106m | 1.50 | 1.29 |
| SCRH2D14-2R7 | 2.7 | 100KHZ | 114m | 1.35 | 1.22 |
| SCRH2D14-3R3 | 3.3 | 100KHZ | 125m | 1.20 | 1.15 |
| SCRH2D14-3R9 | 3.9 | 100KHZ | 178m | 1.10 | 1.03 |
| SCRH2D14-4R7 | 4.7 | 100KHZ | 195m | 1.00 | 930m |
| SCRH2D14-5R6 | 5.6 | 100KHZ | 222m | 950m | 840m |
| SCRH2D14-6R8 | 6.8 | 100KHZ | 253m | 850m | 790m |
| SCRH2D14-8R2 | 8.2 | 100KHZ | 294m | 800m | 750m |
| SCRH2D14-100 | 10 | 100KHZ | 396m | 700m | 710m |
| SCRH2D14-120 | 12 | 100KHZ | 515m | 620m | 680m |
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- (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](#)

Custom versions available upon request.