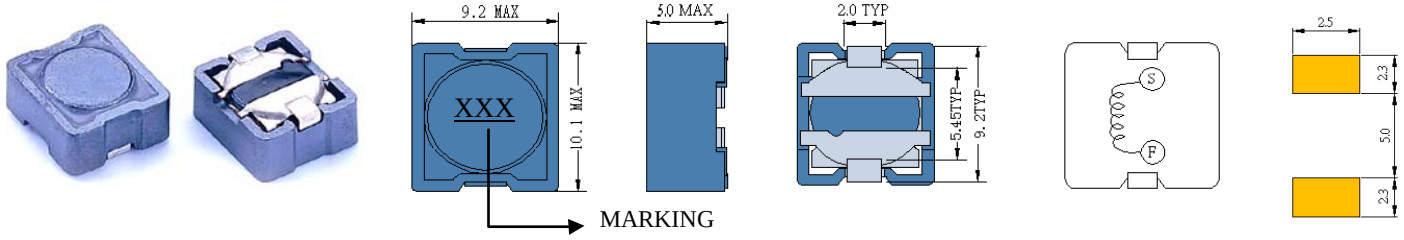
# SCRH104

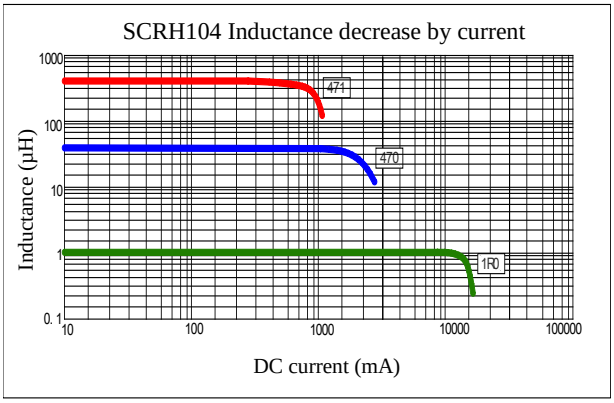
## SMD POWER INDUCTORS

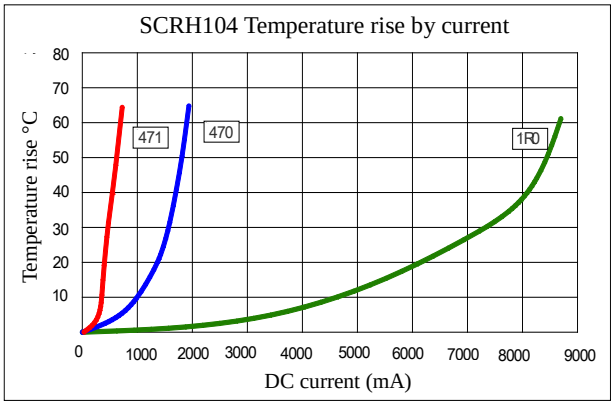



● Features
1. Magnetically shielded construction
2 Excellent Power Density
3 Engineered to Provide High Efficiency

## ELECTRICAL CHARACTERISTICS

| Part Number | Inductance (uH) (1) | Test Frequency | DC Resistance (Ω MAX) (2) | Saturation Current (3) (A) | Temperature Current (4) (A) |
|---|---|---|---|---|---|
| SCRH104-1R0 | 1.0 | 100KHZ | 14m | 8.50 | 7.00 |
| SCRH104-1R5 | 1.5 | 100KHZ | 17m | 8.00 | 5.80 |
| SCRH104-2R2 | 2.2 | 100KHZ | 24m | 7.50 | 5.20 |
| SCRH104-3R3 | 3.3 | 100KHZ | 29m | 7.00 | 4.68 |
| SCRH104-4R7 | 4.7 | 100KHZ | 32m | 6.00 | 4.22 |
| SCRH104-6R8 | 6.8 | 100KHZ | 44m | 5.00 | 3.60 |
| SCRH104-100 | 10 | 100KHZ | 50m | 2.40 | 3.40 |
| SCRH104-120 | 12 | 100KHZ | 54m | 2.25 | 3.00 |
| SCRH104-150 | 15 | 100KHZ | 69m | 2.00 | 2.70 |
| SCRH104-180 | 18 | 100KHZ | 84m | 1.80 | 2.40 |
| SCRH104-220 | 22 | 100KHZ | 94m | 1.65 | 2.16 |
| SCRH104-270 | 27 | 100KHZ | 0.11 | 1.45 | 1.95 |
| SCRH104-330 | 33 | 100KHZ | 0.15 | 1.35 | 1.76 |
| SCRH104-390 | 39 | 100KHZ | 0.17 | 1.20 | 1.59 |
| SCRH104-470 | 47 | 100KHZ | 0.21 | 1.10 | 1.52 |
| SCRH104-560 | 56 | 100KHZ | 0.23 | 1.00 | 1.40 |
| SCRH104-680 | 68 | 100KHZ | 0.29 | 0.93 | 1.17 |
| SCRH104-820 | 82 | 100KHZ | 0.36 | 0.84 | 1.06 |
| SCRH104-101 | 100 | 100KHZ | 0.41 | 0.76 | 0.96 |
| SCRH104-121 | 120 | 100KHZ | 0.45 | 0.70 | 0.87 |
| SCRH104-151 | 150 | 100KHZ | 0.64 | 0.63 | 0.79 |
| SCRH104-181 | 180 | 100KHZ | 0.84 | 0.57 | 0.72 |
| SCRH104-221 | 220 | 100KHZ | 0.86 | 0.52 | 0.65 |
| SCRH104-271 | 270 | 100KHZ | 1.07 | 0.47 | 0.59 |
| SCRH104-331 | 330 | 100KHZ | 1.37 | 0.43 | 0.54 |
| SCRH104-391 | 390 | 100KHZ | 1.55 | 0.39 | 0.49 |
| SCRH104-471 | 470 | 100KHZ | 1.74 | 0.36 | 0.44 |




(1). Inductance tolerance for 1.0uH~6.8uH: ±30%, for 10uH~470uH: ±20%. Tested at 0.25V, 0ADC and 25℃
(2). DCR measured at 25℃.
(3). The DC current at which the inductance decreases by 25% from its initial value.
(4). The DC current that results in a 40℃ temperature rise from 25℃ambient.

**Click here for QUANTITY PER REEL & PACKING INFORMATION**

**Custom versions available upon request.**

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