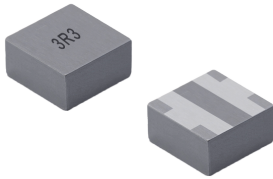


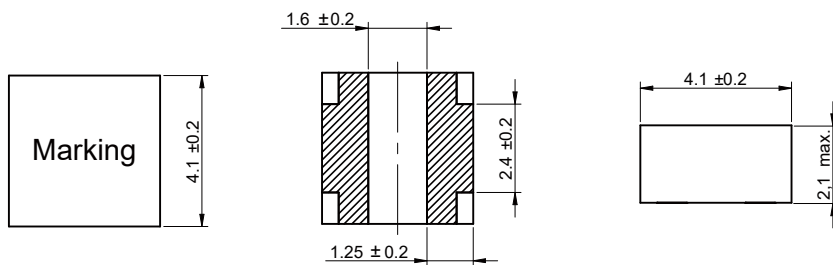
SPM Series
SMT Power Metal Inductor
Size 4020



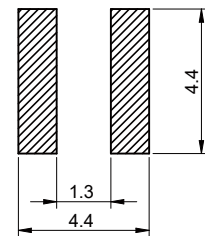
FEATURES

- Large current, Low DC-resistance, High efficiency by magnetic metal powder
- Low acoustic noise and low leakage flux noise by shielded construction
- Operating temperature: -40 °C ~ 125 °C
- Quantity: 1000 pcs/reel

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

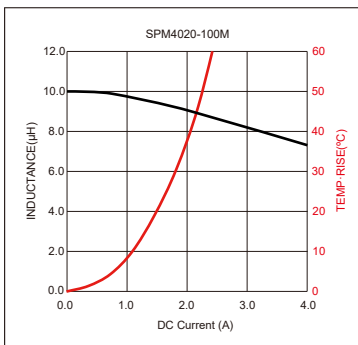
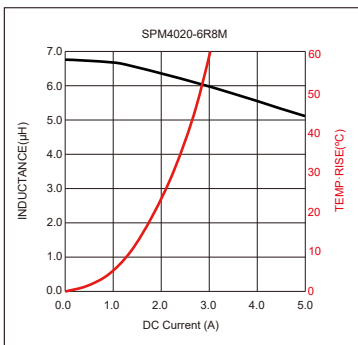
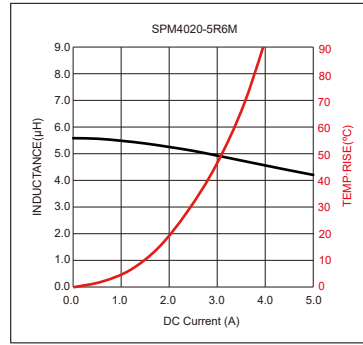
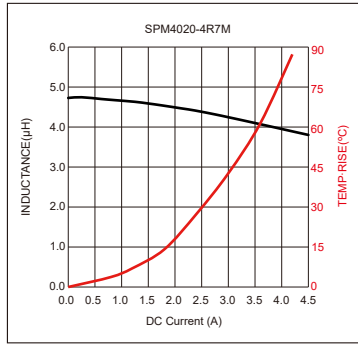
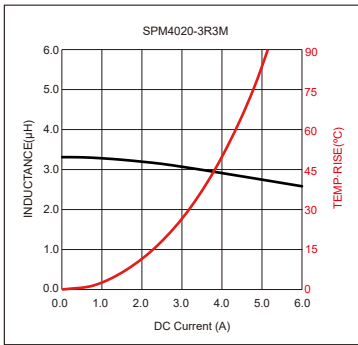
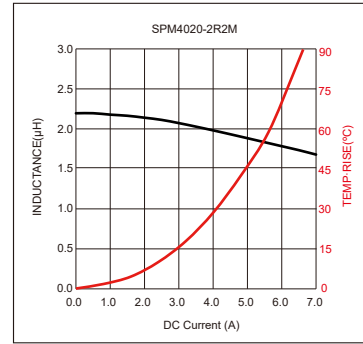
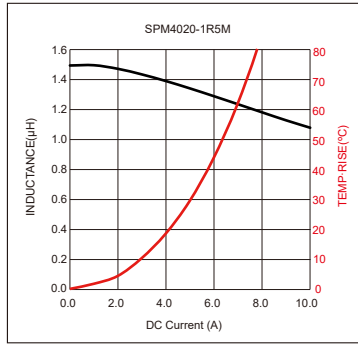
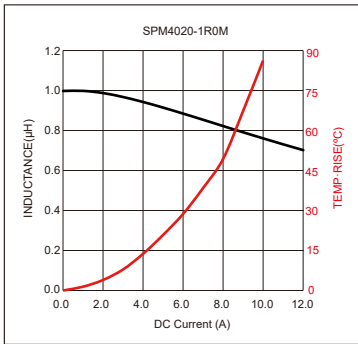
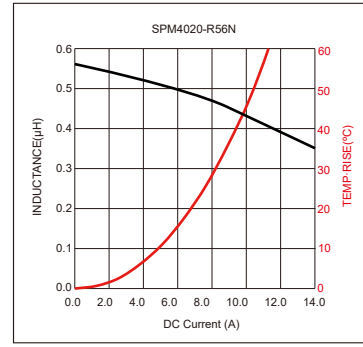
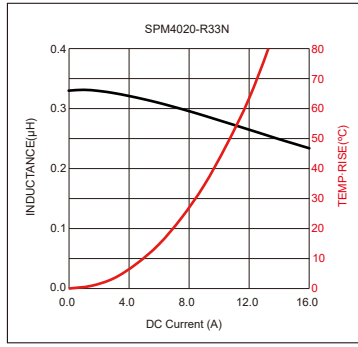
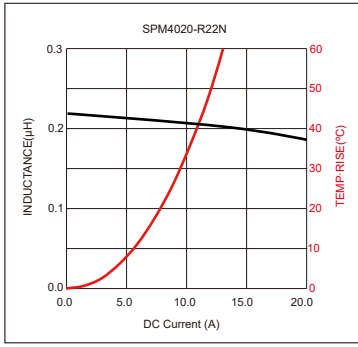
| Part No | Inductance (μH) | Tolerance | Temperature Rise Current Typ. (A) | Saturation Current Typ. (A) | DCR Max. (mΩ) | DCR Typ. (mΩ) |
|--------------|-----------------|-----------|-----------------------------------|-----------------------------|---------------|---------------|
| SPM4020-R22N | 0.22 | ± 30% | 9.00 | 13.10 | 7.5 | 5.5 |
| SPM4020-R33N | 0.33 | ± 30% | 8.90 | 10.30 | 8.0 | 6.0 |
| SPM4020-R56N | 0.56 | ± 30% | 7.90 | 9.00 | 9.0 | 7.0 |
| SPM4020-1R0M | 1.0 | ± 20% | 6.70 | 7.30 | 16 | 13 |
| SPM4020-1R5M | 1.5 | ± 20% | 5.40 | 6.30 | 21 | 17 |
| SPM4020-2R2M | 2.2 | ± 20% | 4.20 | 5.40 | 35 | 29 |
| SPM4020-3R3M | 3.3 | ± 20% | 3.30 | 4.40 | 48 | 40 |
| SPM4020-4R7M | 4.7 | ± 20% | 2.90 | 4.00 | 76 | 63 |
| SPM4020-5R6M | 5.6 | ± 20% | 2.80 | 3.40 | 81 | 68 |
| SPM4020-6R8M | 6.8 | ± 20% | 2.30 | 3.20 | 116 | 97 |
| SPM4020-100M | 10 | ± 20% | 1.80 | 2.70 | 193 | 161 |

Inductance is measured at 100kHz.

Temperature rise current: the actual value of DC current when the temperature rise is ΔT40 °C.

Saturation Current that will cause initial inductance to drop approximately 20%.

Typical Electrical Characteristics:



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Fixed Inductors](#) category:

Click to view products by [KOHER](#) manufacturer:

Other Similar products are found below :

[CR32NP-151KC](#) [CR32NP-180KC](#) [CR32NP-181KC](#) [CR32NP-1R5MC](#) [CR32NP-390KC](#) [CR32NP-3R9MC](#) [CR32NP-680KC](#) [CR32NP-820KC](#) [CR32NP-8R2MC](#) [CR43NP-390KC](#) [CR43NP-560KC](#) [CR43NP-680KC](#) [CR54NP-181KC](#) [CR54NP-470LC](#) [CR54NP-820KC](#) [CR54NP-8R5MC](#) [70F224AI](#) [MGDQ4-00004-P](#) [MHL1ECTTP18NJ](#) [MHQ1005P10NJ](#) [MHQ1005P1N0S](#) [MHQ1005P2N4S](#) [MHQ1005P3N6S](#) [MHQ1005P5N1S](#) [MHQ1005P8N2J](#) [PE-51506NL](#) [PE-53601NL](#) [PE-53602NL](#) [PE-53630NL](#) [PE-53824SNLT](#) [PE-92100NL](#) [PG0434.801NLT](#) [PG0936.113NLT](#) [9220-20](#) [9310-16](#) [PM06-2N7](#) [PM06-39NJ](#) [A01TK](#) [1206CS-471XJ](#) [HC2LP-R47-R](#) [HC2-R47-R](#) [HC3-2R2-R](#) [HCF1305-3R3-R](#) [1206CS-151XG](#) [RCH664NP-140L](#) [RCH664NP-4R7M](#) [RCH8011NP-221L](#) [RCP1317NP-332L](#) [RCP1317NP-391L](#) [RCR1010NP-470M](#)