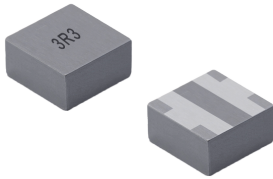


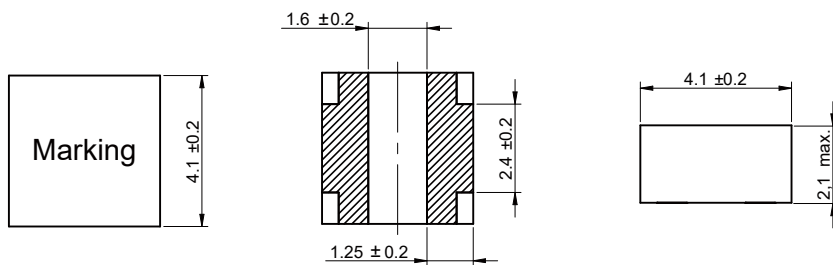
SPM Series
SMT Power Metal Inductor
Size 4020



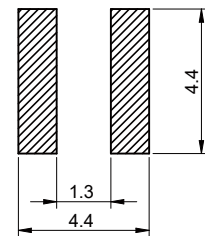
FEATURES

- Large current, Low DC-resistance, High efficiency by magnetic metal powder
- Low acoustic noise and low leakage flux noise by shielded construction
- Operating temperature: $-40\text{ }^{\circ}\text{C} \sim 125\text{ }^{\circ}\text{C}$
- Quantity: 1000 pcs/reel

Dimensions: [mm]



Land Pattern: [mm]



Electrical Properties:

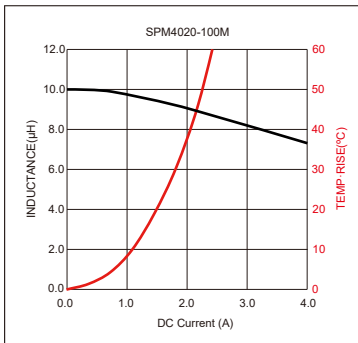
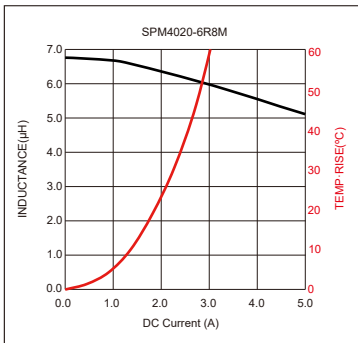
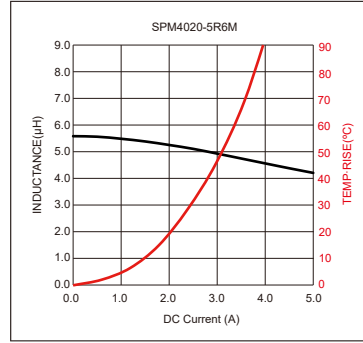
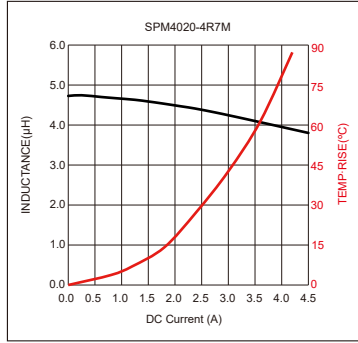
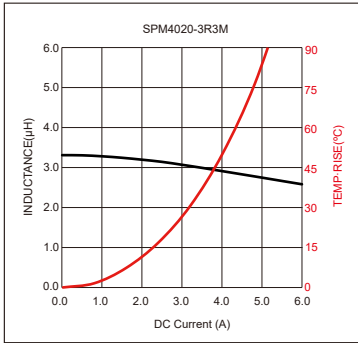
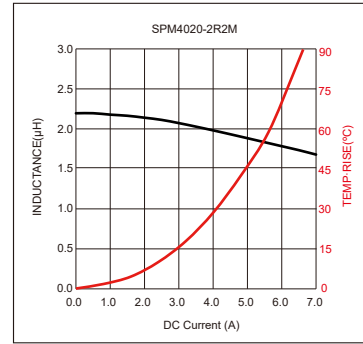
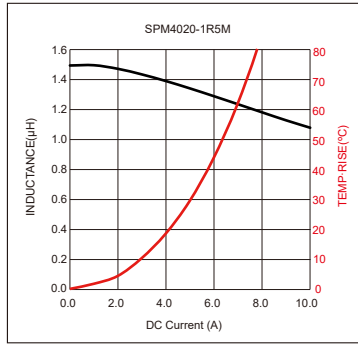
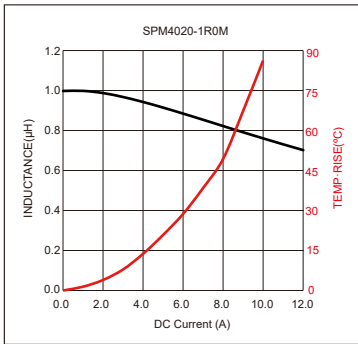
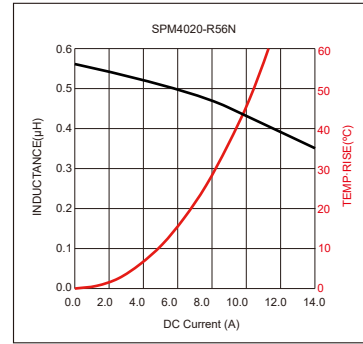
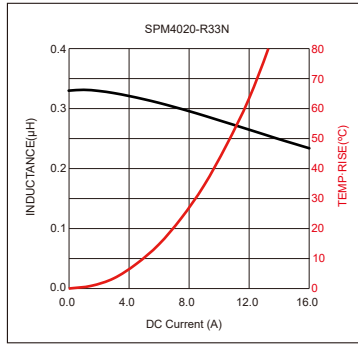
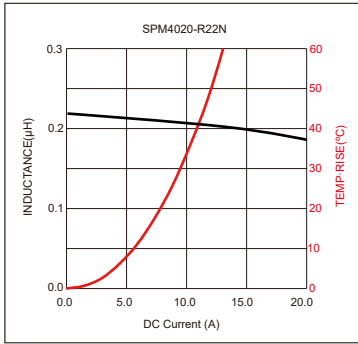
Part No	Inductance (μH)	Tolerance	Temperature Rise Current Typ. (A)	Saturation Current Typ. (A)	DCR Max. ($\text{m}\Omega$)	DCR Typ. ($\text{m}\Omega$)
SPM4020-R22N	0.22	$\pm 30\%$	9.00	13.10	7.5	5.5
SPM4020-R33N	0.33	$\pm 30\%$	8.90	10.30	8.0	6.0
SPM4020-R56N	0.56	$\pm 30\%$	7.90	9.00	9.0	7.0
SPM4020-1R0M	1.0	$\pm 20\%$	6.70	7.30	16	13
SPM4020-1R5M	1.5	$\pm 20\%$	5.40	6.30	21	17
SPM4020-2R2M	2.2	$\pm 20\%$	4.20	5.40	35	29
SPM4020-3R3M	3.3	$\pm 20\%$	3.30	4.40	48	40
SPM4020-4R7M	4.7	$\pm 20\%$	2.90	4.00	76	63
SPM4020-5R6M	5.6	$\pm 20\%$	2.80	3.40	81	68
SPM4020-6R8M	6.8	$\pm 20\%$	2.30	3.20	116	97
SPM4020-100M	10	$\pm 20\%$	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 $\Delta T40\text{ }^{\circ}\text{C}$.

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](#)