

SHIELDED SMD POWER INDUCTORS / SRI TYPE

FEATURES

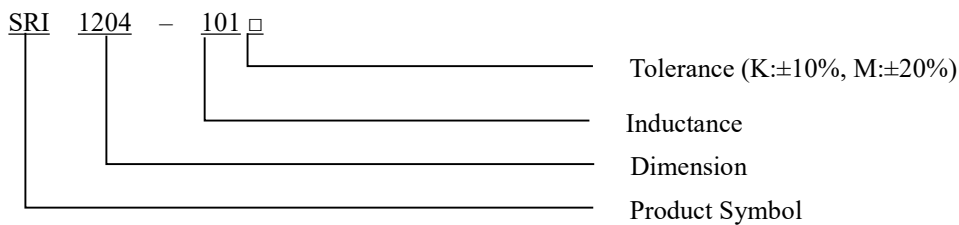
- ◆ Excellent solder ability and high heat resistance for flow soldering.
- ◆ For large current circuits due to its low DC resistance.
- ◆ Excellent in terminal strength due to its high performance ferrite core material and solder ability.



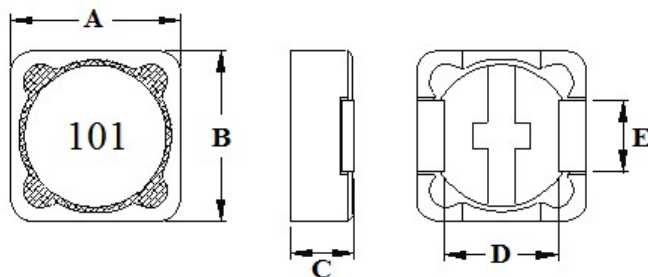
APPLICATIONS

- ◆ Modern power solutions.
- ◆ AI devices.
- ◆ DC/DC converters, etc.
- ◆ Various categories of consumer electronics.

ORDERING CODE



DIMENSIONS (UNIT: mm)



A	12.0 ± 0.5	m/m
B	12.0 ± 0.5	m/m
C	5.0 (MAX)	m/m
D	8.0 (REF)	m/m
E	5.0 (REF)	m/m



CORE MASTER ENTERPRISE CO., LTD.

<http://www.coremaster.com.tw>

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ELECTRICAL CHARACTERISTICS FOR SRI1204

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SRI1204-2R2 □	2.2	0.012	9.80
SRI1204-3R0 □	3.0	0.015	9.20
SRI1204-3R9 □	3.9	0.020	8.00
SRI1204-4R7 □	4.7	0.025	7.80
SRI1204-5R6 □	5.6	0.030	7.30
SRI1204-6R8 □	6.8	0.031	6.30
SRI1204-8R2 □	8.2	0.033	5.00
SRI1204-100 □	10	0.035	4.50
SRI1204-120 □	12	0.038	4.20
SRI1204-150 □	15	0.050	4.00
SRI1204-180 □	18	0.057	3.70
SRI1204-220 □	22	0.060	3.50
SRI1204-270 □	27	0.080	3.00
SRI1204-330 □	33	0.097	2.70
SRI1204-470 □	47	0.150	2.10
SRI1204-560 □	56	0.190	1.95
SRI1204-680 □	68	0.220	1.75
SRI1204-820 □	82	0.260	1.70
SRI1204-101 □	100	0.280	1.55
SRI1204-121 □	120	0.290	1.45
SRI1204-151 □	150	0.530	1.30
SRI1204-221 □	220	0.700	1.05
SRI1204-271 □	270	0.800	0.95

* 100uH 以上 Test Frequency : 1KHZ/1V

* 100uH 以下 Test Frequency : 100KHZ/0.1V



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