

SHIELDED SMD POWER INDUCTORS / SRI TYPE

FEATURES

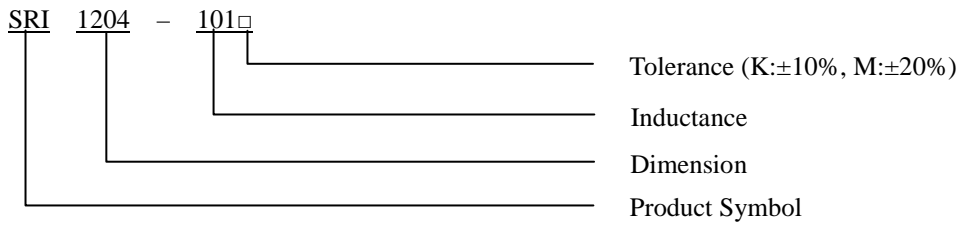
- ◆ Excellent solder ability and high heat resistance for flow soldering.
- ◆ For large current circuits due to its low DC resistance.
- ◆ Excellent in terminal strength due to its high performance ferrite core material and solder ability.



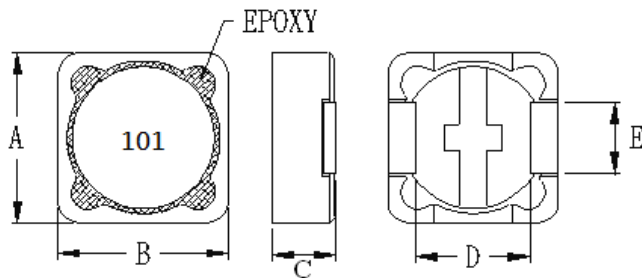
APPLICATIONS

- ◆ LCD TV & Notebook
- ◆ DC/DC converter
- ◆ Power supplies for portable communication equipment

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-R18 □	0.18	0.0020	15.00
SRI1204-2R0 □	2.00	0.0120	10.00
SRI1204-2R2 □	2.20	0.0120	9.80
SRI1204-3R0 □	3.00	0.0145	9.20
SRI1204-3R9 □	3.90	0.0200	8.00
SRI1204-4R7 □	4.70	0.0250	7.80
SRI1204-5R6 □	5.60	0.0300	7.30
SRI1204-5R8 □	5.80	0.0300	7.30
SRI1204-6R8 □	6.80	0.0300	6.30
SRI1204-8R2 □	8.20	0.0310	5.00
SRI1204-100 □	10	0.0350	4.50
SRI1204-120 □	12	0.0380	4.20
SRI1204-150 □	15	0.0500	4.00
SRI1204-180 □	18	0.0570	3.70
SRI1204-220 □	22	0.0600	3.50
SRI1204-250 □	25	0.0800	3.50
SRI1204-270 □	27	0.0800	3.00
SRI1204-330 □	33	0.0970	2.70
SRI1204-390 □	39	0.0970	2.50
SRI1204-470 □	47	0.1500	2.10
SRI1204-560 □	56	0.1900	1.95
SRI1204-680 □	68	0.2200	1.75
SRI1204-820 □	82	0.2600	1.70
SRI1204-101 □	100	0.2800	1.55
SRI1204-121 □	120	0.2900	1.45
SRI1204-151 □	150	0.5300	1.30
SRI1205-221 □	220	0.7000	1.05
SRI1205-271 □	270	0.8000	0.95

* 100uH 以上 Test Frequency : 1KHZ/1V

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



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