

SHIELDED SMD POWER INDUCTORS / SRI TYPE

FEATURES

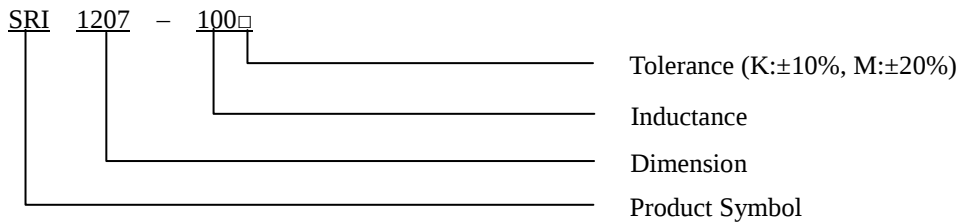
- ◆ Excellent solder ability and high heat resistance for flow soldering.
- ◆ For large current circuits due to its low DC resistance.
- ◆ Excellent in terminal strength due to its high performance ferrite core material and solder ability.



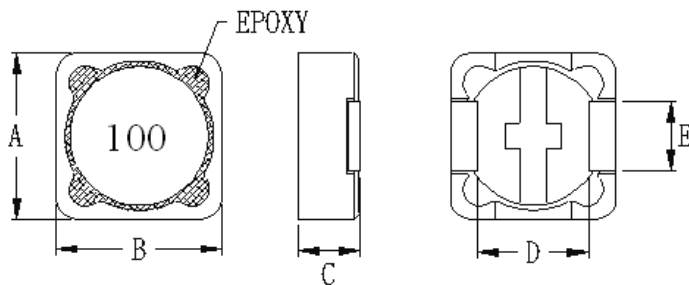
APPLICATIONS

- ◆ Power supply for VTRs.
- ◆ Portable communication equipment.
- ◆ Notebook PCs.
- ◆ LCD televisions.
- ◆ DC/DC converters, etc.

ORDERING CODE



DIMENSIONS (UNIT: mm)



A	12.0 ± 0.5	m/m
B	12.0 ± 0.5	m/m
C	8.0 (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 SRI1207

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SRI1207-1R2 □	1.2	0.015	19.00
SRI1207-2R2 □	2.2	0.01600	18.00
SRI1207-2R4 □	2.4	0.01600	17.00
SRI1207-2R9 □	2.9	0.01700	16.00
SRI1207-3R3 □	3.3	0.01800	13.00
SRI1207-3R5 □	3.5	0.01800	13.00
SRI1207-3R9 □	3.9	0.01800	13.00
SRI1207-4R4 □	4.4	0.01900	12.00
SRI1207-4R7 □	4.7	0.01900	12.00
SRI1207-5R0 □	5.0	0.01900	12.00
SRI1207-5R6 □	5.6	0.02000	11.50
SRI1207-6R0 □	6.0	0.02100	11.50
SRI1207-6R1 □	6.1	0.02100	11.50
SRI1207-6R8 □	6.8	0.02200	11.00
SRI1207-7R5 □	7.5	0.02200	9.50
SRI1207-7R6 □	7.6	0.02200	9.50
SRI1207-8R2 □	8.2	0.02300	9.50
SRI1207-100 □	10	0.02400	8.00
SRI1207-120 □	12	0.02500	7.50
SRI1207-150 □	15	0.02700	7.00
SRI1207-180 □	18	0.03300	6.00
SRI1207-220 □	22	0.04320	5.50
SRI1207-270 □	27	0.04600	5.20
SRI1207-330 □	33	0.06500	3.50
SRI1207-390 □	39	0.07300	3.40
SRI1207-470 □	47	0.10000	3.30
SRI1207-560 □	56	0.12000	3.30
SRI1207-680 □	68	0.12000	3.20
SRI1207-820 □	82	0.15001	3.20
SRI1207-101 □	100	0.22000	2.90

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Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SRI1207-121 □	120	0.29000	2.25
SRI1207-151 □	150	0.30000	2.10
SRI1207-181 □	180	0.30000	2.00
SRI1207-191 □	190	0.30000	1.80
SRI1207-221 □	220	0.50000	1.70
SRI1207-271 □	270	0.50000	1.60
SRI1207-331 □	330	0.55000	1.50
SRI1207-391 □	390	0.58000	1.40
SRI1207-471 □	470	0.80000	1.40
SRI1207-561 □	560	0.80000	1.10
SRI1207-681 □	680	0.80000	1.00
SRI1207-751 □	750	0.80000	1.00
SRI1207-801 □	800	0.93000	0.95
SRI1207-821 □	820	1.00000	0.90
SRI1207-102 □	1000	1.50000	0.80
SRI1207-142 □	1400	1.78000	0.60
SRI1207-152 □	1500	1.78000	0.60
SRI1207-222 □	2200	3.10000	0.55
SRI1207-252 □	2500	3.20000	0.50
SRI1207-332 □	3300	3.85000	0.47
SRI1207-502 □	5000	7.50000	0.35
SRI1207-103 □	10000	13.50000	0.09
SRI1207-223 □	22000	40.00000	0.08

* 100uH 以上 Test Frequency : 1KHZ/1V

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