

# 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

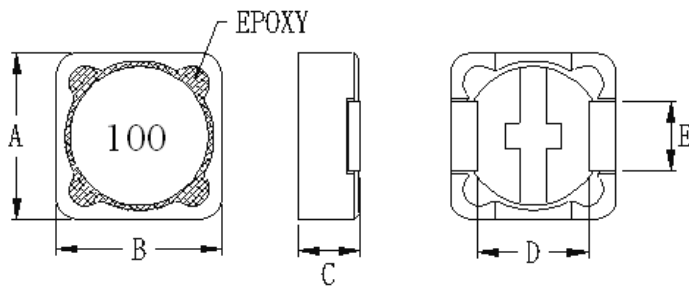
- ◆ Power supply for VTRs.
- ◆ Portable communication equipment.
- ◆ Notebook PCs.
- ◆ LCD televisions.
- ◆ DC/DC converters, etc.



## ORDERING CODE



## DIMENSIONS (UNIT: mm)



A	12.0 ± 0.5	m/m
B	12.0 ± 0.5	m/m
C	10.0 (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 SRI1209

Part No.	Inductance (uH)	RDC ( $\Omega$ )	IDC (A)
SRI1209-1R0 □	1.0	0.012	20.00
SRI1209-1R7 □	1.7	0.012	20.00
SRI1209-2R2 □	2.2	0.015	20.00
SRI1209-3R1 □	3.1	0.015	17.00
SRI1209-3R3 □	3.3	0.018	16.00
SRI1209-4R7 □	4.7	0.019	15.00
SRI1209-5R0 □	5.0	0.019	14.00
SRI1209-6R8 □	6.8	0.022	12.80
SRI1209-8R2 □	8.2	0.022	11.10
SRI1209-100 □	10	0.024	11.00
SRI1209-120 □	12	0.026	9.50
SRI1209-150 □	15	0.026	7.00
SRI1209-220 □	22	0.040	6.50
SRI1209-330 □	33	0.055	6.00
SRI1209-470 □	47	0.060	5.00
SRI1209-680 □	68	0.100	3.80
SRI1209-820 □	82	0.120	3.50
SRI1209-101 □	100	0.135	3.00
SRI1209-151 □	150	0.180	2.50
SRI1209-181 □	180	0.250	2.35
SRI1209-221 □	220	0.300	2.20
SRI1209-331 □	330	0.350	1.90
SRI1209-471 □	470	0.490	1.50
SRI1209-681 □	680	0.655	1.30
SRI1209-821 □	820	0.700	1.20
SRI1209-102 □	1000	0.830	1.00
SRI1209-122 □	1200	1.200	0.90
SRI1209-152 □	1500	1.400	0.87
SRI1209-202 □	2000	2.000	0.72
SRI1209-222 □	2200	3.000	0.70
SRI1209-252 □	2500	3.000	0.70

\* 100uH 以上 Test Frequency : 1KHZ/1V

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