

SHIELDED SMD POWER INDUCTORS / SRI TYPE

FEATURES

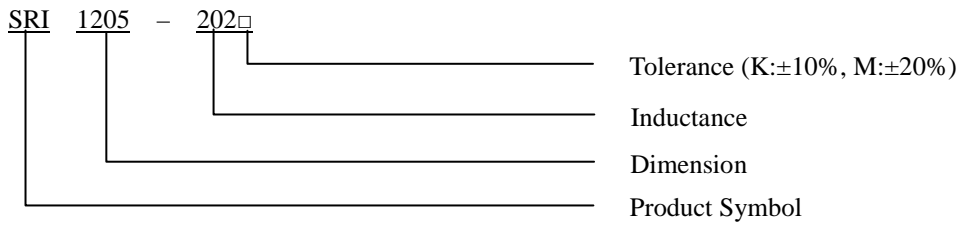
- ◆ Excellent solder ability and high heat resistance for flow soldering.
- ◆ For large current circuits due to its low DC resistance.
- ◆ Excellent in terminal strength due to its high performance ferrite core material and solder ability.



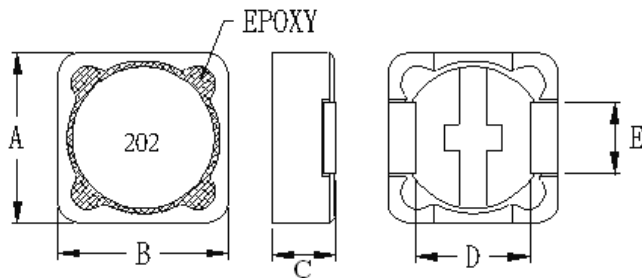
APPLICATIONS

- ◆ 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	6.0 (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 SRI1205

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SRI1205-1R0 □	1.0	0.017	16.00
SRI1205-1R2 □	1.2	0.018	13.00
SRI1205-1R3 □	1.3	0.018	12.00
SRI1205-1R5 □	1.5	0.020	12.00
SRI1205-2R1 □	2.1	0.020	11.00
SRI1205-2R2 □	2.2	0.021	10.00
SRI1205-3R1 □	3.1	0.021	9.00
SRI1205-3R3 □	3.3	0.021	8.50
SRI1205-4R4 □	4.4	0.022	8.20
SRI1205-4R7 □	4.7	0.022	8.00
SRI1205-5R6 □	5.6	0.023	7.50
SRI1205-5R8 □	5.8	0.023	7.50
SRI1205-6R8 □	6.8	0.023	6.50
SRI1205-7R5 □	7.5	0.024	6.50
SRI1205-8R2 □	8.2	0.024	6.00
SRI1205-100 □	10	0.025	5.00
SRI1205-120 □	12	0.026	4.50
SRI1205-150 □	15	0.030	4.20
SRI1205-180 □	18	0.034	4.00
SRI1205-220 □	22	0.055	4.00
SRI1205-270 □	27	0.055	3.10
SRI1205-300 □	30	0.057	3.00
SRI1205-330 □	33	0.067	2.90
SRI1205-390 □	39	0.083	2.80
SRI1205-470 □	47	0.110	2.50
SRI1205-560 □	56	0.140	2.00
SRI1205-680 □	68	0.160	1.80
SRI1205-820 □	82	0.180	1.80
SRI1205-101 □	100	0.240	1.60
SRI1205-121 □	120	0.290	1.50



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SRI1205-151 □	150	0.320	1.40
SRI1205-181 □	180	0.340	1.20
SRI1205-221 □	220	0.550	1.10
SRI1205-271 □	270	0.580	1.00
SRI1205-301 □	300	0.600	1.00
SRI1205-331 □	330	0.620	0.90
SRI1205-391 □	390	0.640	0.80
SRI1205-471 □	470	0.820	0.70
SRI1205-561 □	560	0.840	0.65
SRI1205-681 □	680	1.200	0.60
SRI1205-821 □	820	1.340	0.43
SRI1205-102 □	1000	1.650	0.43
SRI1205-162 □	1600	2.300	0.42
SRI1205-202 □	2000	2.500	0.35
SRI1205-392 □	3900	6.000	0.30
SRI1205-682 □	6800	8.900	0.23
SRI1205-103 □	10000	40.000	0.05

* 100uH 以上 Test Frequency : 1KHZ/1V

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



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