

SHIELDED SMD POWER INDUCTORS / SDI TYPE

FEATURES

- ◆ Ideal inductors for DC-DC conversion
- ◆ With magnetic shield against radiation
- ◆ High power and high saturation inductors
- ◆ Directly connected electrode on ferrite core



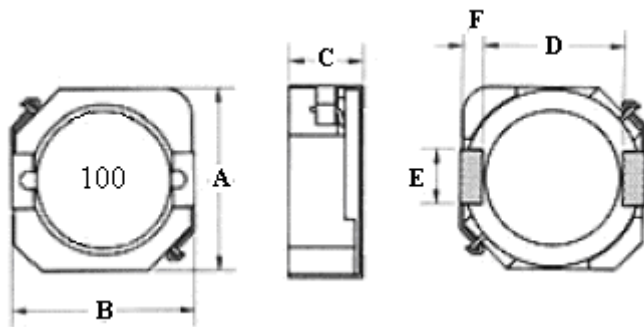
APPLICATIONS

- ◆ LCD TV
- ◆ Notebook
- ◆ DC/DC converters
- ◆ Power supply for VTRs
- ◆ Portable communication equipment

ORDERING CODE



DIMENSIONS (UNIT: mm)



A	10.3 (MAX)	m/m
B	10.5 (MAX)	m/m
C	4.0 (MAX)	m/m
D	7.7 (REF)	m/m
E	3.0 (REF)	m/m
F	1.2 (REF)	m/m



CORE MASTER ENTERPRISE CO., LTD.

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

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ELECTRICAL CHARACTERISTICS FOR SDI104R

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SDI104R -0R3 □	0.3	0.015	11.00
SDI104R -1R0 □	1.0	0.018	8.00
SDI104R -1R5 □	1.5	0.018	7.50
SDI104R -2R2 □	2.2	0.020	6.80
SDI104R -2R5 □	2.5	0.020	6.40
SDI104R -3R3 □	3.3	0.020	6.20
SDI104R -3R8 □	3.8	0.023	6.10
SDI104R -4R7 □	4.7	0.024	5.00
SDI104R -5R2 □	5.2	0.025	4.90
SDI104R -5R6 □	5.6	0.025	4.80
SDI104R -5R8 □	5.8	0.026	4.80
SDI104R -6R8 □	6.8	0.027	4.50
SDI104R -7R0 □	7	0.027	4.50
SDI104R -8R2 □	8.2	0.050	4.00
SDI104R -100 □	10	0.050	3.50
SDI104R -150 □	15	0.050	3.00
SDI104R -180 □	18	0.055	2.95
SDI104R -220 □	22	0.073	2.90
SDI104R -270 □	27	0.090	2.50
SDI104R -330 □	33	0.093	2.00
SDI104R -470 □	47	0.128	1.80
SDI104R -680 □	68	0.213	1.30
SDI104R -820 □	82	0.245	1.15
SDI104R -101 □	100	0.304	1.00
SDI104R -121 □	120	0.500	0.90
SDI104R -151 □	150	0.506	0.88
SDI104R -181 □	180	0.750	0.80
SDI104R -221 □	220	0.756	0.70
SDI104R -331 □	330	1.500	0.46

* 100uH 以上 Test Frequency : 1KHZ/1V

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



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