

SHIELDED SMD POWER INDUCTORS / SDI TYPE

FEATURES

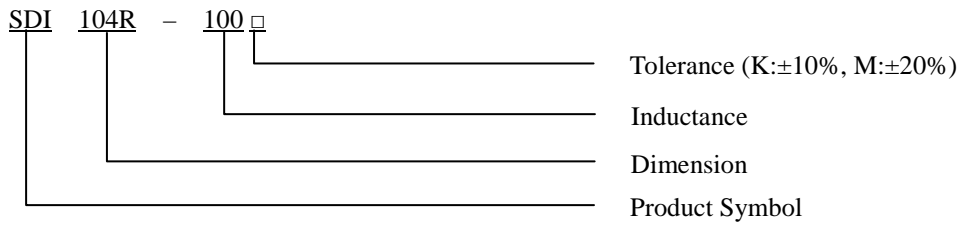
- ◆ Ideal inductors for DC-DC conversion
- ◆ With magnetic shield against radiation
- ◆ High power and high saturation inductors
- ◆ Directly connected electrode on ferrite core



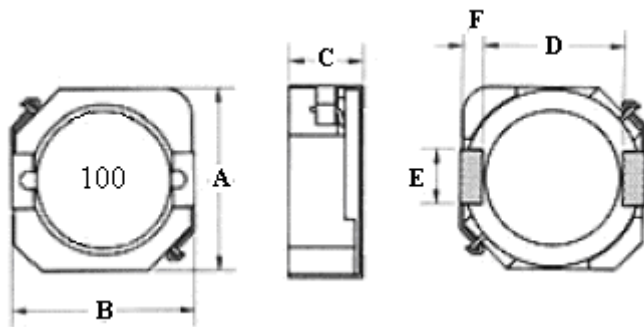
APPLICATIONS

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

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.

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ELECTRICAL CHARACTERISTICS FOR SDI104R

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SDI104R-1R0 □	1.0	0.018	8.00
SDI104R-2R2 □	2.2	0.020	6.80
SDI104R-3R3 □	3.3	0.022	6.20
SDI104R-4R7 □	4.7	0.024	5.00
SDI104R-5R6 □	5.6	0.025	4.80
SDI104R-6R8 □	6.8	0.027	4.50
SDI104R-8R2 □	8.2	0.033	4.00
SDI104R-100 □	10	0.040	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	0.560	0.88
SDI104R-181 □	180	0.630	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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