

SHIELDED SMD POWER INDUCTORS / SDI TYPE

FEATURES

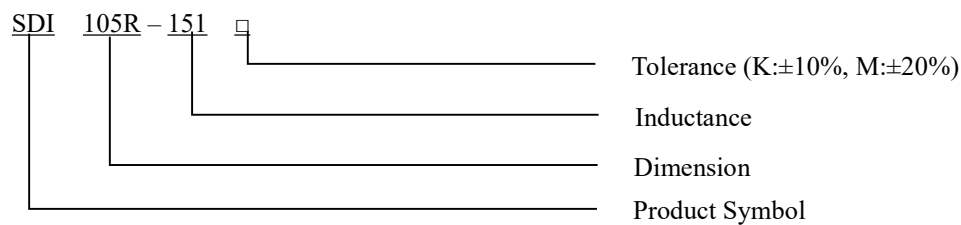
- ◆ Ideal inductors for DC-DC conversion
- ◆ With magnetic shield against radiation
- ◆ High power and high saturation inductors
- ◆ Directly connected electrode on ferrite core



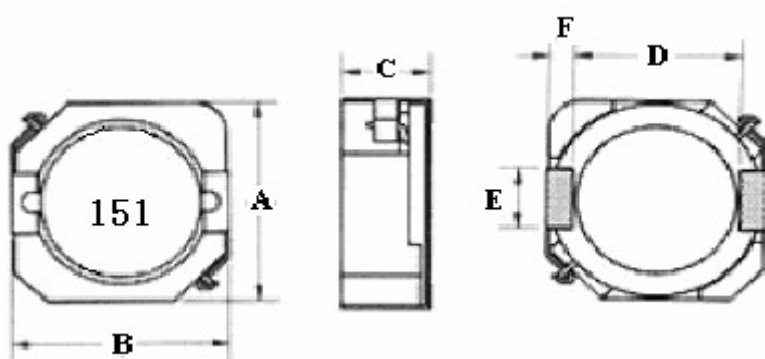
APPLICATIONS

- ◆ DC/DC converters, etc.
- ◆ Various categories of consumer electronics.

ORDERING CODE



DIMENSIONS (UNIT: mm)



A	10.3 (MAX)	m/m
B	10.5 (MAX)	m/m
C	5.0 (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 SDI105R

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SDI105R-2R2 □	2.2	0.009	8.50
SDI105R-3R3 □	3.3	0.011	7.20
SDI105R-4R7 □	4.7	0.019	5.00
SDI105R-6R8 □	6.8	0.025	4.60
SDI105R-8R2 □	8.2	0.030	4.00
SDI105R-100 □	10	0.035	3.50
SDI105R-150 □	15	0.041	3.00
SDI105R-220 □	22	0.061	2.20
SDI105R-330 □	33	0.090	2.00
SDI105R-470 □	47	0.125	1.80
SDI105R-560 □	56	0.130	1.40
SDI105R-680 □	68	0.201	1.35
SDI105R-101 □	100	0.210	1.05
SDI105R-121 □	120	0.230	0.92
SDI105R-151 □	150	0.270	0.90
SDI105R-181 □	180	0.300	0.85
SDI105R-221 □	220	0.400	0.70
SDI105R-331 □	330	0.800	0.60
SDI105R-471 □	470	1.280	0.50
SDI105R-561 □	560	1.300	0.47
SDI105R-681 □	680	1.350	0.39
SDI105R-821 □	820	2.000	0.30
SDI105R-102 □	1000	2.150	0.28

* 100uH 以上 Test Frequency : 1KHZ/1V

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



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