

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



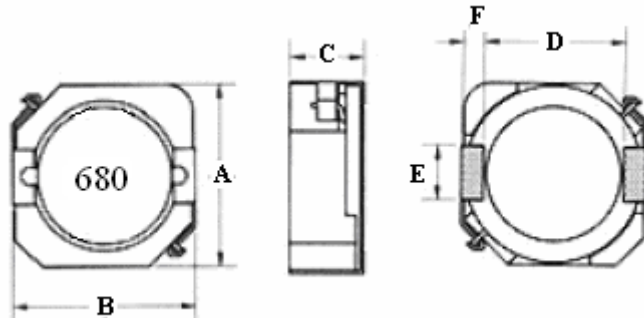
APPLICATIONS

- ◆ 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	3.0 (MAX)	m/m
D	7.7 (REF)	m/m
E	3.0 (REF)	m/m
F	1.2 (REF)	m/m

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ELECTRICAL CHARACTERISTICS FOR SDI103R

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SDI103R -1R5 □	1.5	0.020	5.00
SDI103R -2R4 □	2.4	0.024	4.50
SDI103R -2R5 □	2.5	0.025	4.50
SDI103R-3R3 □	3.3	0.027	4.20
SDI103R -4R7 □	4.7	0.028	3.50
SDI103R -8R2 □	8.2	0.045	3.30
SDI103R -100 □	10	0.050	2.40
SDI103R -150 □	15	0.080	2.40
SDI103R -220 □	22	0.100	2.16
SDI103R -330 □	33	0.135	1.74
SDI103R -470 □	47	0.230	1.40
SDI103R -560 □	56	0.240	1.20
SDI103R -680 □	68	0.278	1.10
SDI103R -101 □	100	0.360	0.80
SDI103R -221 □	220	1.000	0.65

* 100uH 以上 Test Frequency : 1KHZ/1V

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