

SHIELDED SMD POWER INDUCTORS / SDI TYPE

FEATURES

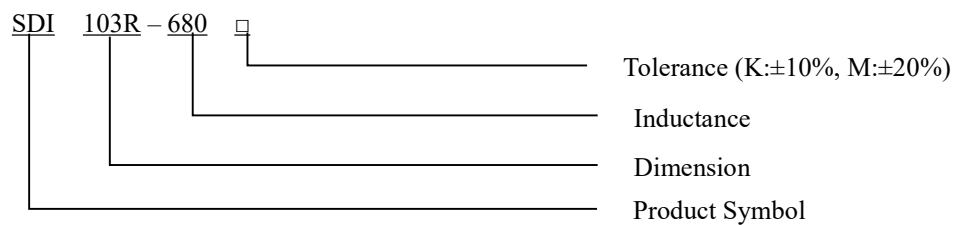
- ◆ Ideal inductors for DC-DC conversion
- ◆ With magnetic shield against radiation
- ◆ High power and high saturation inductors
- ◆ Directly connected electrode on ferrite core



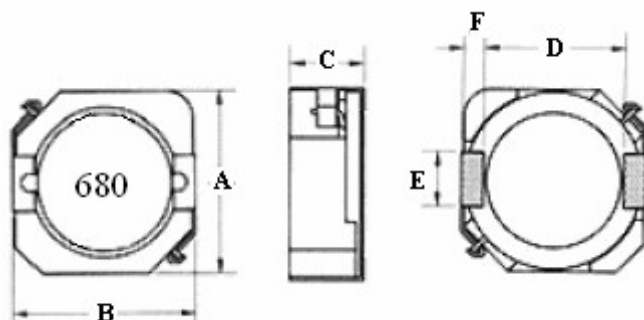
APPLICATIONS

- ◆ 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	3.0 (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>

SHIELDED SMD POWER INDUCTORS / SDI TYPE

ELECTRICAL CHARACTERISTICS FOR SDI103R

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SDI103R-1R5 □	1.5	0.020	5.00
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	2.30
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



CORE MASTER ENTERPRISE CO., LTD.

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