

SHIELDED SMD POWER INDUCTORS / SCI TYPE

FEATURES

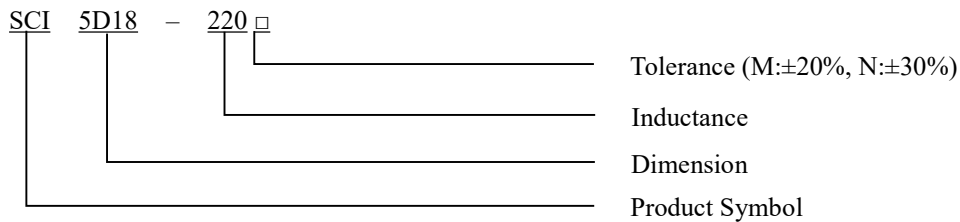
- ◆ Low DC resistance
- ◆ Suitable for large currents
- ◆ Available in magnetically shielded
- ◆ Small size with the electrode attached to it



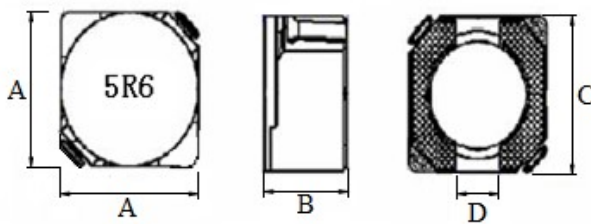
APPLICATIONS

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

ORDERING CODE



DIMENSIONS (UNIT: mm)



A	6.0 (MAX)	m/m
B	2.0 (MAX)	m/m
C	5.6 (REF)	m/m
D	2.0 (REF)	m/m



CORE MASTER ENTERPRISE CO., LTD.

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

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ELECTRICAL CHARACTERISTICS FOR SCI5D18

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SCI5D18-1R2 □	1.2	0.032	4.00
SCI5D18-2R2 □	2.2	0.045	2.50
SCI5D18-3R3 □	3.3	0.060	2.00
SCI5D18-4R7 □	4.7	0.072	1.60
SCI5D18-6R8 □	6.8	0.105	1.35
SCI5D18-100 □	10	0.124	1.20
SCI5D18-150 □	15	0.160	0.85
SCI5D18-180 □	18	0.200	0.80
SCI5D18-220 □	22	0.280	0.60
SCI5D18-330 □	33	0.400	0.55
SCI5D18-470 □	47	0.500	0.50
SCI5D18-680 □	68	0.800	0.40
SCI5D18-101 □	100	0.950	0.30
SCI5D18-121 □	120	1.100	0.25
SCI5D18-181 □	180	1.950	0.23
SCI5D18-391 □	390	4.100	0.20

* 100uH 以上 Test Frequency : 1KHZ/1V

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



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