

SHIELDED SMD POWER INDUCTORS / SCI TYPE

FEATURES

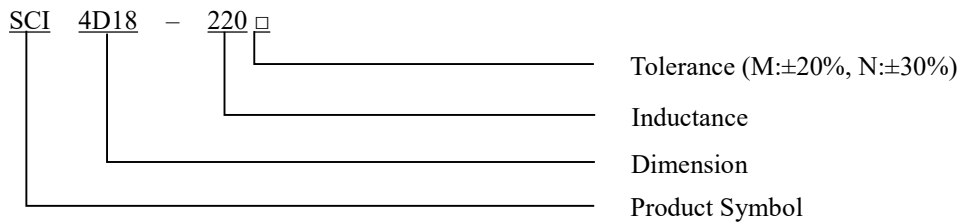
- ◆ Low DC resistance
- ◆ Suitable for large currents
- ◆ Available in magnetically shielded
- ◆ Small size with the electrode attached to it



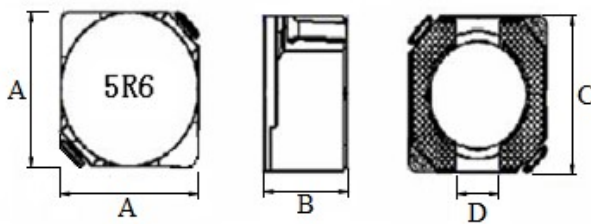
APPLICATIONS

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

ORDERING CODE



DIMENSIONS (UNIT: mm)



A	5.0 (MAX)	m/m
B	2.0 (MAX)	m/m
C	4.5 (REF)	m/m
D	1.6 (REF)	m/m



CORE MASTER ENTERPRISE CO., LTD.

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

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ELECTRICAL CHARACTERISTICS FOR SCI4D18

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SCI4D18-1R0 □	1.0	0.035	2.70
SCI4D18-1R5 □	1.5	0.045	2.50
SCI4D18-2R2 □	2.2	0.060	2.20
SCI4D18-3R3 □	3.3	0.070	1.60
SCI4D18-3R9 □	3.9	0.072	1.50
SCI4D18-4R7 □	4.7	0.100	1.20
SCI4D18-6R8 □	6.8	0.150	1.00
SCI4D18-8R2 □	8.2	0.180	0.90
SCI4D18-100 □	10	0.200	0.85
SCI4D18-150 □	15	0.240	0.80
SCI4D18-180 □	18	0.280	0.60
SCI4D18-220 □	22	0.300	0.55
SCI4D18-330 □	33	0.550	0.50
SCI4D18-470 □	47	0.630	0.43
SCI4D18-101 □	100	2.000	0.20
SCI4D18-181 □	180	2.600	0.19
SCI4D18-221 □	220	2.800	0.15
SCI4D18-471 □	470	5.000	0.13
SCI4D18-681 □	680	10.080	0.12

* 100uH 以上 Test Frequency : 1KHZ/1V

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



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