

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



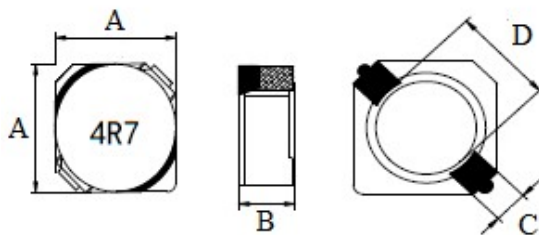
APPLICATIONS

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

ORDERING CODE

SCI	2D18	-	100	□	
					Tolerance (M:±20%, N:±30%)
					Inductance
					Dimension
					Product Symbol

DIMENSIONS (UNIT: mm)



A	3.2 (MAX)	m/m
B	2.0 (MAX)	m/m
C	1.0 (REF)	m/m
D	2.1 (REF)	m/m



CORE MASTER ENTERPRISE CO., LTD.

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

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ELECTRICAL CHARACTERISTICS FOR SCI2D18

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SCI2D18-1R0 □	1.0	0.070	1.40
SCI2D18-1R5 □	1.5	0.080	1.30
SCI2D18-2R2 □	2.2	0.090	0.90
SCI2D18-3R3 □	3.3	0.094	0.80
SCI2D18-4R7 □	4.7	0.100	0.68
SCI2D18-6R8 □	6.8	0.150	0.57
SCI2D18-100 □	10	0.180	0.46
SCI2D18-150 □	15	0.250	0.35
SCI2D18-220 □	22	0.300	0.28
SCI2D18-330 □	33	0.600	0.23
SCI2D18-101 □	100	1.860	0.15

* 100uH 以上 Test Frequency : 1KHZ/1V

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



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