

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



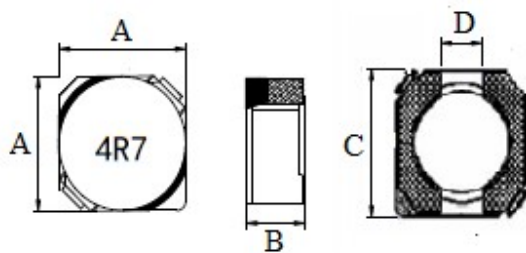
APPLICATIONS

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

ORDERING CODE

SCI	3D16	-	2R2	□	
					Tolerance (M:±20%, N:±30%)
					Inductance
					Dimension
					Product Symbol

DIMENSIONS (UNIT: mm)



A	4.00 (MAX)	m/m
B	1.90 (MAX)	m/m
C	3.75 (REF)	m/m
D	1.20 (REF)	m/m



CORE MASTER ENTERPRISE CO., LTD.

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ELECTRICAL CHARACTERISTICS FOR SCI3D16

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SCI3D16-1R2 □	1.2	0.050	1.80
SCI3D16-2R2 □	2.2	0.060	1.00
SCI3D16-3R3 □	3.3	0.080	0.92
SCI3D16-4R7 □	4.7	0.091	0.80
SCI3D16-6R8 □	6.8	0.145	0.58
SCI3D16-100 □	10	0.170	0.48
SCI3D16-150 □	15	0.230	0.40
SCI3D16-220 □	22	0.290	0.31
SCI3D16-270 □	27	0.410	0.29
SCI3D16-330 □	33	0.550	0.25
SCI3D16-470 □	47	0.775	0.22
SCI3D16-680 □	68	1.100	0.18
SCI3D16-101 □	100	1.400	0.17
SCI3D16-102 □	1000	20.400	0.06

* 100uH 以上 Test Frequency : 1KHZ/1V

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



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