

SHIELDED SMD POWER INDUCTORS / SCI TYPE

FEATURES

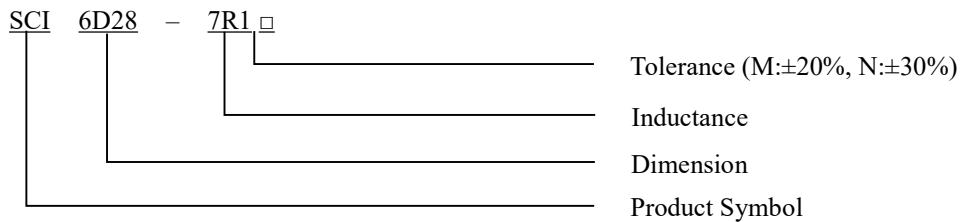
- ◆ Low DC resistance
- ◆ Suitable for large currents
- ◆ Available in magnetically shielded
- ◆ Small size with the electrode attached to it



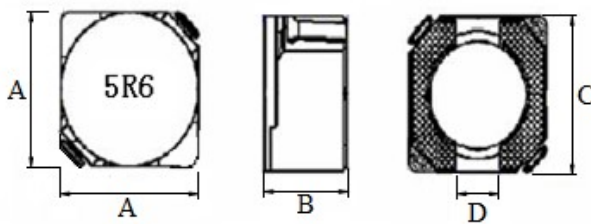
APPLICATIONS

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

ORDERING CODE



DIMENSIONS (UNIT: mm)



A	7.0 (MAX)	m/m
B	3.0 (MAX)	m/m
C	6.5 (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 SCI6D28

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SCI6D28-1R2 □	1.2	0.025	4.50
SCI6D28-1R5 □	1.5	0.027	4.30
SCI6D28-2R2 □	2.2	0.030	3.50
SCI6D28-3R3 □	3.3	0.032	3.20
SCI6D28-3R9 □	3.9	0.035	3.00
SCI6D28-4R7 □	4.7	0.036	2.80
SCI6D28-5R6 □	5.6	0.040	2.40
SCI6D28-6R8 □	6.8	0.045	2.10
SCI6D28-100 □	10	0.065	1.70
SCI6D28-150 □	15	0.084	1.20
SCI6D28-220 □	22	0.110	1.00
SCI6D28-330 □	33	0.165	0.80
SCI6D28-470 □	47	0.238	0.65
SCI6D28-560 □	56	0.277	0.60
SCI6D28-680 □	68	0.304	0.55
SCI6D28-101 □	100	0.505	0.50
SCI6D28-151 □	150	0.550	0.36
SCI6D28-221 □	220	1.000	0.30

* 100uH 以上 Test Frequency : 1KHZ/1V

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



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