

SHIELDED SMD POWER INDUCTORS / SCI TYPE

FEATURES

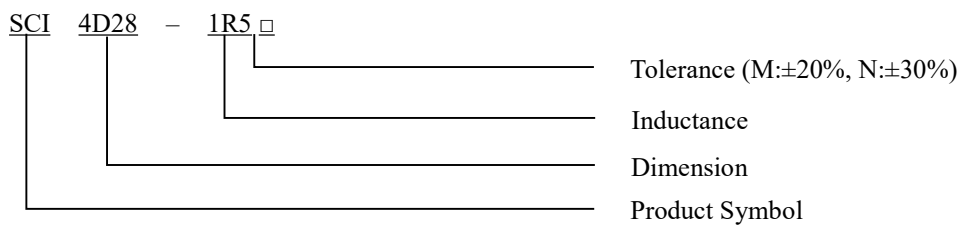
- ◆ Low DC resistance
- ◆ Suitable for large currents
- ◆ Available in magnetically shielded
- ◆ Small size with the electrode attached to it



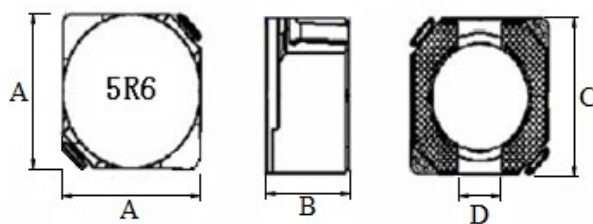
APPLICATIONS

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

ORDERING CODE



DIMENSIONS (UNIT: mm)



A	5.0 (MAX)	m/m
B	3.0 (MAX)	m/m
C	4.5 (REF)	m/m
D	1.6 (REF)	m/m



CORE MASTER ENTERPRISE CO., LTD.

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ELECTRICAL CHARACTERISTICS FOR SCI4D28

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SCI4D28-1R0 □	1.0	0.028	5.00
SCI4D28-1R5 □	1.5	0.030	3.70
SCI4D28-2R2 □	2.2	0.031	3.00
SCI4D28-3R3 □	3.3	0.049	2.30
SCI4D28-3R9 □	3.9	0.058	2.20
SCI4D28-4R7 □	4.7	0.072	2.10
SCI4D28-6R8 □	6.8	0.090	1.70
SCI4D28-8R2 □	8.2	0.120	1.50
SCI4D28-100 □	10	0.128	1.40
SCI4D28-120 □	12	0.132	1.23
SCI4D28-150 □	15	0.149	1.10
SCI4D28-180 □	18	0.250	1.00
SCI4D28-220 □	22	0.270	0.95
SCI4D28-330 □	33	0.300	0.80
SCI4D28-390 □	39	0.400	0.70
SCI4D28-470 □	47	0.478	0.63
SCI4D28-101 □	100	1.000	0.43
SCI4D28-151 □	150	1.500	0.35
SCI4D28-181 □	180	1.700	0.33
SCI4D28-221 □	220	2.000	0.30
SCI4D28-331 □	330	4.000	0.28

* 100uH 以上 Test Frequency : 1KHZ/1V

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



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