

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



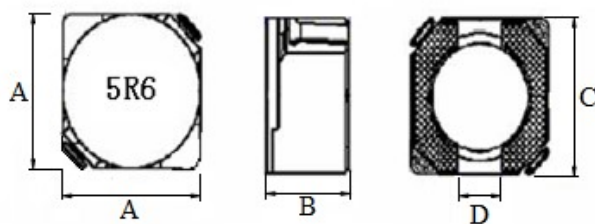
APPLICATIONS

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

ORDERING CODE

SCI	6D38	-	7R4	□	
					Tolerance (M:±20%, N:±30%)
					Inductance
					Dimension
					Product Symbol

DIMENSIONS (UNIT: mm)



A	7.0 (MAX)	m/m
B	4.0 (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 SCI6D38

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SCI6D38-1R0 □	1.0	0.024	5.00
SCI6D38-2R2 □	2.2	0.028	3.60
SCI6D38-2R7 □	2.7	0.030	3.40
SCI6D38-3R3 □	3.3	0.031	3.30
SCI6D38-4R7 □	4.7	0.035	3.20
SCI6D38-5R6 □	5.6	0.037	2.80
SCI6D38-6R8 □	6.8	0.044	2.40
SCI6D38-8R2 □	8.2	0.058	2.20
SCI6D38-100 □	10	0.063	2.00
SCI6D38-150 □	15	0.080	1.60
SCI6D38-220 □	22	0.096	1.30
SCI6D38-330 □	33	0.130	1.10
SCI6D38-390 □	39	0.138	1.00
SCI6D38-470 □	47	0.155	0.90
SCI6D38-560 □	56	0.190	0.82
SCI6D38-680 □	68	0.234	0.75
SCI6D38-101 □	100	0.368	0.63
SCI6D38-151 □	150	0.450	0.43
SCI6D38-221 □	220	0.800	0.35
SCI6D38-331 □	330	1.000	0.34
SCI6D38-471 □	470	1.300	0.27

* 100uH 以上 Test Frequency : 1KHZ/1V

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



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