

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



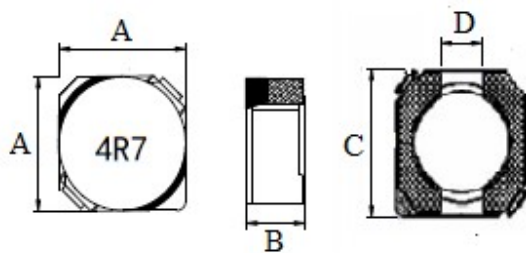
APPLICATIONS

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

ORDERING CODE

SCI	3D23	-	100	□	
					Tolerance (M:±20%, N:±30%)
					Inductance
					Dimension
					Product Symbol

DIMENSIONS (UNIT: mm)



A	4.00 (MAX)	m/m
B	2.50 (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 SCI3D23

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SCI3D23-1R0 □	1.0	0.025	2.80
SCI3D23-1R5 □	1.5	0.029	2.20
SCI3D23-2R2 □	2.2	0.038	1.80
SCI3D23-3R3 □	3.3	0.056	1.60
SCI3D23-4R7 □	4.7	0.069	1.30
SCI3D23-5R6 □	5.6	0.075	1.10
SCI3D23-6R8 □	6.8	0.088	1.00
SCI3D23-8R2 □	8.2	0.095	0.95
SCI3D23-100 □	10	0.117	0.85
SCI3D23-120 □	12	0.180	0.80
SCI3D23-150 □	15	0.191	0.70
SCI3D23-180 □	18	0.230	0.58
SCI3D23-220 □	22	0.270	0.55
SCI3D23-330 □	33	0.381	0.50
SCI3D23-470 □	47	0.546	0.35
SCI3D23-560 □	56	0.900	0.34
SCI3D23-680 □	68	1.000	0.33
SCI3D23-820 □	82	1.400	0.32
SCI3D23-101 □	100	1.600	0.30
SCI3D23-121 □	120	1.800	0.28
SCI3D23-151 □	150	1.900	0.25
SCI3D23-181 □	180	2.100	0.22
SCI3D23-221 □	220	3.000	0.15

* 100uH 以上 Test Frequency : 1KHZ/1V

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



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