

# SHIELDED SMD POWER INDUCTORS / SCI TYPE

## FEATURES

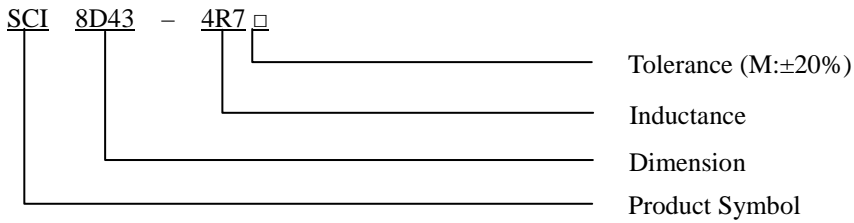
- ◆ Low DC resistance
- ◆ Suitable for large currents
- ◆ Available in magnetically shielded
- ◆ Small size with the electrode attached to it



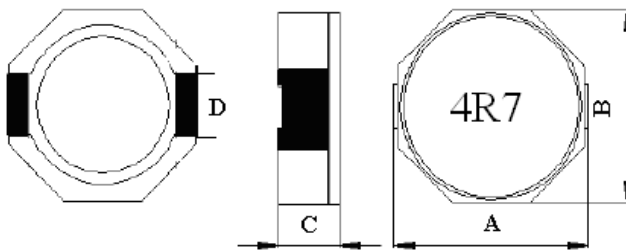
## APPLICATIONS

- ◆ Power supply for VTRs.
- ◆ Portable communication equipment.
- ◆ LCD televisions.
- ◆ DC to DC converters, etc.

## ORDERING CODE



## DIMENSIONS (UNIT: mm)



A	9.5 (MAX)	m/m
B	8.4 (MAX)	m/m
C	5.0 (MAX)	m/m
D	2.5 (REF)	m/m

CORE MASTER ENTERPRISE CO., LTD.



<http://www.coremaster.com.tw>

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### ELECTRICAL CHARACTERISTICS FOR SCI8D43

Part No.	Inductance ( $\mu$ H)	RDC ( $\Omega$ )	IDC (A)
SCI8D43-1R0 □	1.0	0.0160	6.000
SCI8D43-4R7 □	4.7	0.0189	5.373
SCI8D43-6R8 □	6.8	0.0400	4.500
SCI8D43-8R0 □	8.0	0.0500	4.500
SCI8D43-100 □	10	0.0610	4.000
SCI8D43-150 □	15	0.0750	2.000
SCI8D43-220 □	22	0.1000	1.500
SCI8D43-330 □	33	0.2000	1.300
SCI8D43-470 □	47	0.2500	1.200
SCI8D43-680 □	68	0.2600	1.100

\* 100 $\mu$ H 以上 Test Frequency : 1KHZ/1V

\* 100 $\mu$ H 以下 Test Frequency : 100KHZ/0.1V