

# SHIELDED SMD POWER INDUCTORS / SCI TYPE

## FEATURES

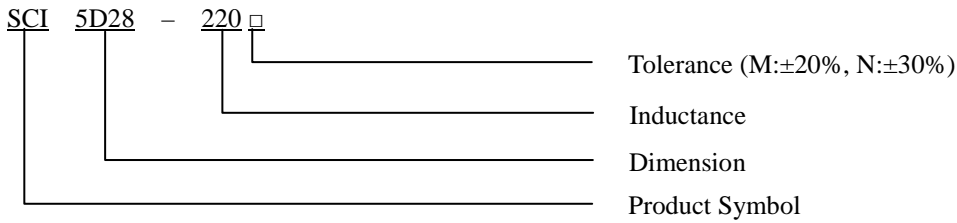
- ◆ Low DC resistance
- ◆ Suitable for large currents
- ◆ Available in magnetically shielded
- ◆ Small size with the electrode attached to it



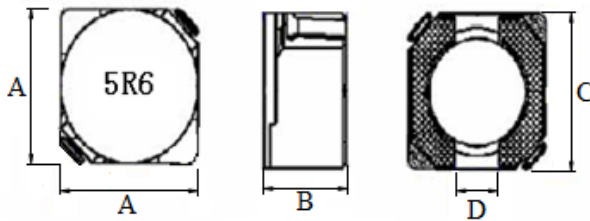
## APPLICATIONS

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

## ORDERING CODE



## DIMENSIONS (UNIT: mm)



A	6.0 (MAX)	m/m
B	3.0 (MAX)	m/m
C	5.6 (REF)	m/m
D	2.0 (REF)	m/m

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### ELECTRICAL CHARACTERISTICS FOR SCI5D28

Part No.	Inductance (uH)	RDC ( $\Omega$ )	IDC (A)
SCI5D28-1R0 □	1.0	0.020	4.00
SCI5D28-1R5 □	1.5	0.030	3.00
SCI5D28-2R2 □	2.2	0.035	2.60
SCI5D28-2R7 □	2.7	0.037	2.20
SCI5D28-3R3 □	3.3	0.039	2.10
SCI5D28-3R9 □	3.9	0.040	2.00
SCI5D28-4R7 □	4.7	0.045	1.80
SCI5D28-5R6 □	5.6	0.050	1.60
SCI5D28-6R8 □	6.8	0.053	1.50
SCI5D28-8R2 □	8.2	0.055	1.35
SCI5D28-100 □	10	0.065	1.30
SCI5D28-120 □	12	0.075	1.20
SCI5D28-150 □	15	0.090	1.10
SCI5D28-180 □	18	0.100	0.85
SCI5D28-220 □	22	0.122	0.75
SCI5D28-330 □	33	0.180	0.70
SCI5D28-390 □	39	0.200	0.60
SCI5D28-470 □	47	0.260	0.55
SCI5D28-560 □	56	0.305	0.50
SCI5D28-680 □	68	0.355	0.42
SCI5D28-101 □	100	0.520	0.37
SCI5D28-121 □	120	0.550	0.33
SCI5D28-151 □	150	0.800	0.30
SCI5D28-181 □	180	1.000	0.28
SCI5D28-221 □	220	1.100	0.23

\* 100uH 以上 Test Frequency : 1KHZ/1V

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

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