

## SHIELDED SMD POWER INDUCTORS / SPI TYPE

### FEATURES

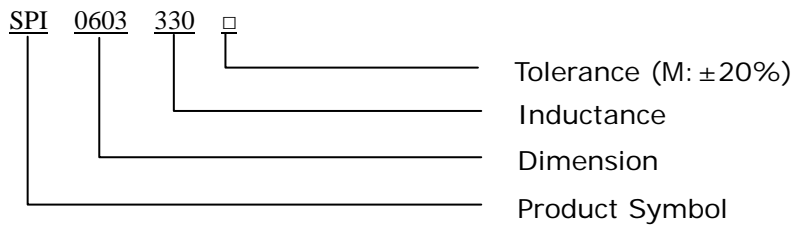
- ◆ With magnetic shield against radiation
- ◆ Compact, low profile with low RDC and large current
- ◆ Flat bottom surface allows for reliable mounting onto the board



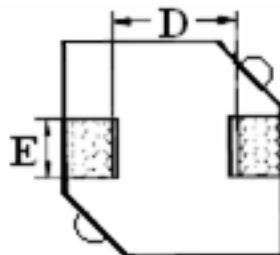
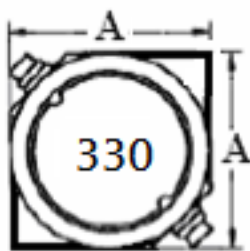
### APPLICATIONS

- ◆ Portable telephones.
- ◆ Personal computers.
- ◆ DC/DC converters, etc.
- ◆ Other various electronic appliances.

### ORDERING CODE



### DIMENSIONS (UNIT: mm)



A	$6.0 \pm 0.2$	m/m
C	$2.8 \pm 0.2$	m/m
D	4.0 (REF)	m/m
E	2.0 (REF)	m/m



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### ELECTRICAL CHARACTERISTICS FOR SPI0603

Part No.	Inductance ( $\mu$ H)	RDC ( $\Omega$ )	IDC (A)
SPI0603-2R7 □	2.7	0.040	2.50
SPI0603-3R3 □	3.3	0.050	2.35
SPI0603-4R7 □	4.7	0.055	1.90
SPI0603-6R8 □	6.8	0.090	1.78
SPI0603-100 □	10	0.150	1.40
SPI0603-150 □	15	0.170	1.35
SPI0603-180 □	18	0.200	1.10
SPI0603-220 □	22	0.250	0.95
SPI0603-330 □	33	0.300	0.80
SPI0603-470 □	47	0.450	0.70
SPI0603-680 □	68	0.500	0.60
SPI0603-101 □	100	1.100	0.40
SPI0603-151 □	150	1.500	0.33

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

\* 100 $\mu$ H 以下 Test Frequency : 1KHZ/0.25V



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