

## SHIELDED SMD POWER INDUCTORS / SPI TYPE

### FEATURES

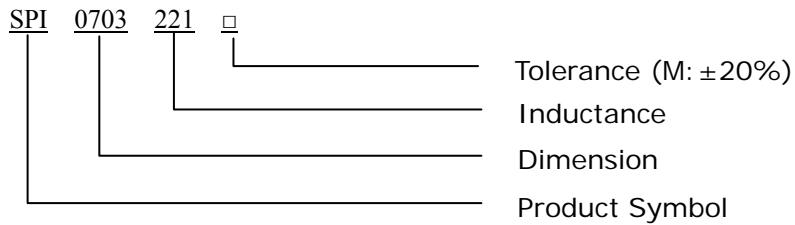
- ◆ With magnetic shield against radiation
- ◆ Compact, low profile with low RDC and large current
- ◆ Flat bottom surface allows for reliable mounting onto the board



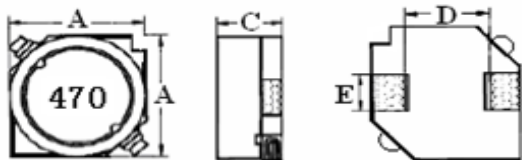
### APPLICATIONS

- ◆ Portable telephones
- ◆ Personal computers
- ◆ DC/DC converters and etc.

### ORDERING CODE



### DIMENSIONS (UNIT: mm)



A	$7.0 \pm 0.2$	m/m
C	$3.2 \pm 0.2$	m/m
D	4.9 (REF)	m/m
E	2.0 (REF)	m/m



CORE MASTER ENTERPRISE CO., LTD.

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### ELECTRICAL CHARACTERISTICS FOR SPI0703

Part No.	Inductance ( $\mu$ H)	RDC ( $\Omega$ )	IDC (A)
SPI0703-2R2 □	2.2	0.030	4.50
SPI0703-3R3 □	3.3	0.035	3.50
SPI0703-4R7 □	4.7	0.040	3.10
SPI0703-6R8 □	6.8	0.060	2.50
SPI0703-100 □	10	0.080	2.10
SPI0703-150 □	15	0.095	1.20
SPI0703-330 □	33	0.160	1.10
SPI0703-470 □	47	0.268	0.96
SPI0703-680 □	68	0.350	0.80
SPI0703-101 □	100	0.450	0.60
SPI0703-151 □	150	1.000	0.50
SPI0703-221 □	220	1.500	0.35
SPI0703-102 □	1000	4.200	0.20

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

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



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