

SHIELDED SMD POWER INDUCTORS / SPI TYPE

FEATURES

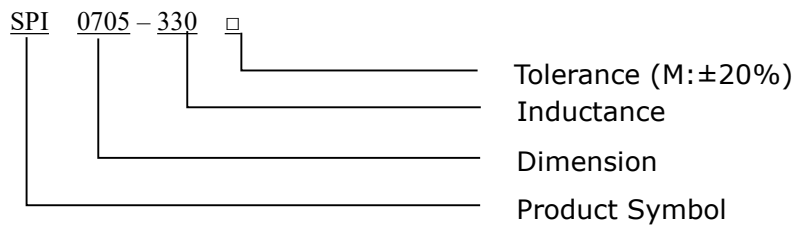
- ◆ With magnetic shield against radiation
- ◆ Compact, low profile with low RDC and large current
- ◆ Flat bottom surface allows for reliable mounting onto the board



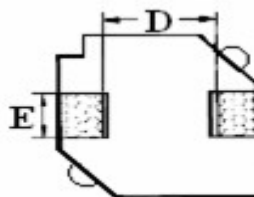
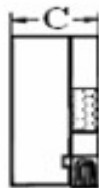
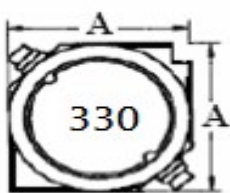
APPLICATIONS

- ◆ Industrial power modules.
- ◆ DC/DC converters, etc.
- ◆ Various categories of consumer electronics.

ORDERING CODE



DIMENSIONS (UNIT: mm)



A	7.0 ± 0.2	m/m
C	4.5 ± 0.3	m/m
D	4.9 (REF)	m/m
E	2.0 (REF)	m/m



CORE MASTER ENTERPRISE CO., LTD.

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

SHIELDED SMD POWER INDUCTORS / SPI TYPE

ELECTRICAL CHARACTERISTICS FOR SPI0705

Part No.	Inductance (μ H)	RDC (Ω)	IDC (A)
SPI0705-1R0 □	1.0	0.023	7.00
SPI0705-2R2 □	2.2	0.025	4.00
SPI0705-3R3 □	3.3	0.026	3.20
SPI0705-4R7 □	4.7	0.030	2.80
SPI0705-6R8 □	6.8	0.036	2.30
SPI0705-100 □	10	0.043	1.90
SPI0705-150 □	15	0.055	1.50
SPI0705-220 □	22	0.100	1.30
SPI0705-330 □	33	0.150	1.28
SPI0705-470 □	47	0.160	0.92
SPI0705-680 □	68	0.200	0.75
SPI0705-820 □	82	0.270	0.70
SPI0705-101 □	100	0.320	0.58
SPI0705-121 □	120	0.350	0.53
SPI0705-221 □	220	0.800	0.40
SPI0705-331 □	330	0.850	0.36
SPI0705-102 □	1000	3.000	0.17

* 100 μ H 以上 Test Frequency : 1KHZ/1V

* 100 μ H 以下 Test Frequency : 1KHZ/0.25V



CORE MASTER ENTERPRISE CO., LTD.

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