

SHIELDED SMD POWER INDUCTORS / SPI TYPE

FEATURES

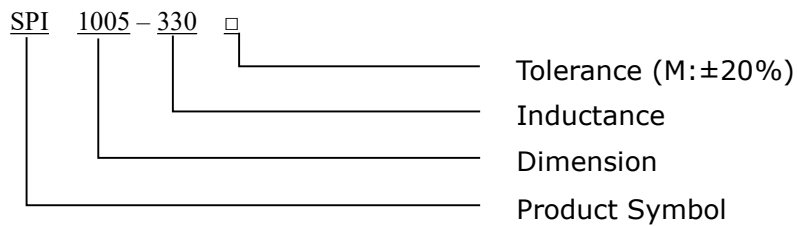
- ◆ With magnetic shield against radiation
- ◆ Compact, low profile with low RDC and large current
- ◆ Flat bottom surface allows for reliable mounting onto the board



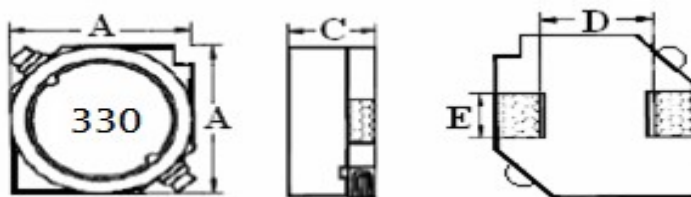
APPLICATIONS

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

ORDERING CODE



DIMENSIONS (UNIT: mm)



A	10.5 ± 0.5	m/m
C	5.0 (MAX)	m/m
D	6.0 (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 SPI1005

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SPI1005-2R2 □	2.2	0.016	7.00
SPI1005-3R3 □	3.3	0.018	5.50
SPI1005-4R7 □	4.7	0.020	4.80
SPI1005-5R6 □	5.6	0.030	4.50
SPI1005-6R8 □	6.8	0.035	4.30
SPI1005-100 □	10	0.040	3.50
SPI1005-150 □	15	0.050	3.20
SPI1005-220 □	22	0.059	2.50
SPI1005-330 □	33	0.082	1.70
SPI1005-470 □	47	0.150	1.60
SPI1005-680 □	68	0.200	1.20
SPI1005-101 □	100	0.300	1.10
SPI1005-151 □	150	0.400	1.00
SPI1005-221 □	220	0.600	0.90
SPI1005-331 □	330	0.785	0.70
SPI1005-681 □	680	2.500	0.40

* 100uH 以上 Test Frequency : 1KHZ/1V

* 100uH 以下 Test Frequency : 1KHZ/0.25V



CORE MASTER ENTERPRISE CO., LTD.

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