

SHIELDED SMD POWER INDUCTORS / SPI TYPE

FEATURES

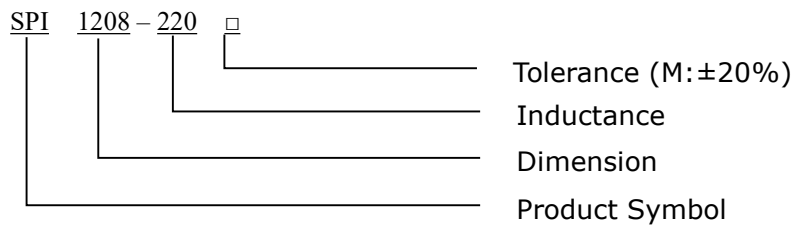
- ◆ With magnetic shield against radiation
- ◆ Compact, low profile with low RDC and large current
- ◆ Flat bottom surface allows for reliable mounting onto the board



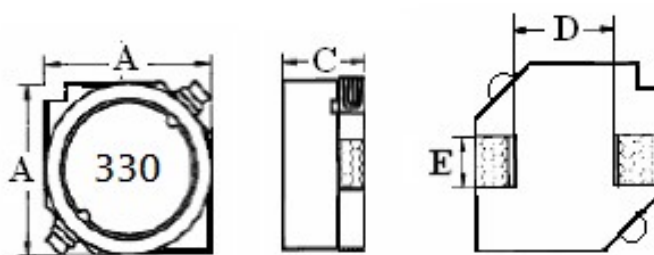
APPLICATIONS

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

ORDERING CODE



DIMENSIONS (UNIT: mm)



A	12.5 ± 0.30	m/m
C	7.5 ± 0.35	m/m
D	8.6 (REF)	m/m
E	2.0 (REF)	m/m



CORE MASTER ENTERPRISE CO., LTD.

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ELECTRICAL CHARACTERISTICS FOR SPI1208

Part No.	Inductance (uH)	RDC (Ω)	IDC (A)
SPI1208-6R8 □	6.8	0.030	9.50
SPI1208-100 □	10	0.035	8.00
SPI1208-150 □	15	0.050	7.00
SPI1208-220 □	22	0.060	5.80
SPI1208-330 □	33	0.080	4.50
SPI1208-470 □	47	0.125	4.10
SPI1208-680 □	68	0.157	3.30
SPI1208-101 □	100	0.250	2.70
SPI1208-221 □	220	0.430	2.00
SPI1208-471 □	470	0.770	1.35

* 100uH 以上 Test Frequency : 1KHZ/1V

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



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