

SHIELDED SMD POWER INDUCTORS / NR TYPE

FEATURES

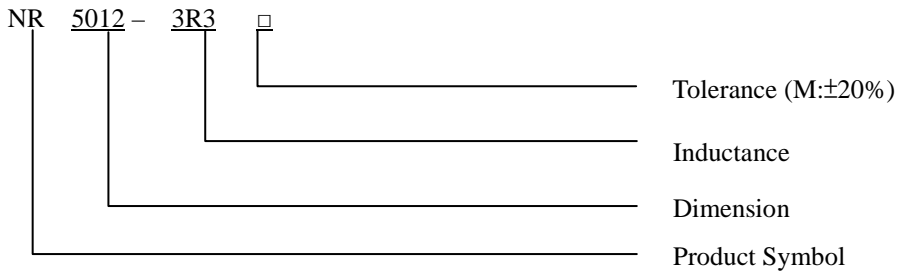
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



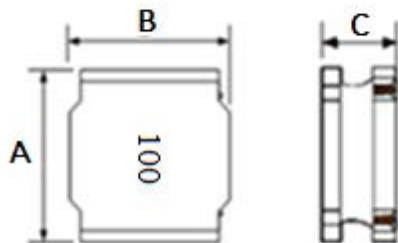
APPLICATIONS

- ◆ For small DC/DC converter (cellular phone, HDD, DVC, DSC, LCD display etc).

ORDERING CODE



DIMENSIONS (UNIT: mm)



A	5.0 ± 0.2	m/m
B	5.0 ± 0.2	m/m
C	1.3 (MAX)	m/m

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ELECTRICAL CHARACTERISTICS FOR NR5012

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR5012-1R0 □	1.0	100KHz	0.068	4.40
NR5012-1R5 □	1.5	100KHz	0.086	3.70
NR5012-2R2 □	2.2	100KHz	0.108	3.10
NR5012-3R3 □	3.3	100KHz	0.151	2.40
NR5012-4R7 □	4.7	100KHz	0.197	2.20
NR5012-6R8 □	6.8	100KHz	0.294	1.70
NR5012-100 □	10	100KHz	0.413	1.40
NR5012-150 □	15	100KHz	0.523	1.20
NR5012-220 □	22	100KHz	0.858	0.88

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