

SHIELDED SMD POWER INDUCTORS / NR TYPE

FEATURES

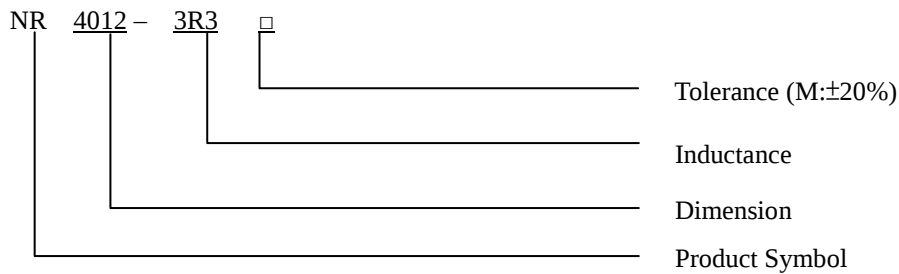
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



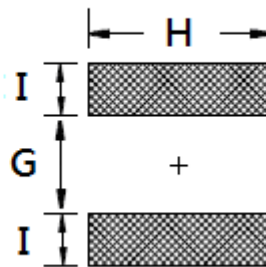
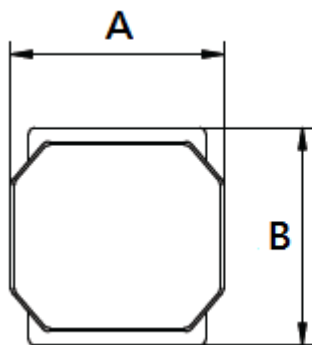
APPLICATIONS

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

ORDERING CODE



DIMENSIONS (UNIT: mm)



A	4.0 ± 0.2	m/m
B	4.0 ± 0.2	m/m
C	1.2 (MAX)	m/m
G	1.6 (REF)	m/m
H	3.7 (REF)	m/m
I	1.2 (REF)	m/m

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ELECTRICAL CHARACTERISTICS FOR NR4012

Part No.	Inductance (μ H)	Test Frequency	RDC ($m\Omega$)	IDC (A)
NR4012-1R0 □	1.00	100KHz	50	2.80
NR4012-2R2 □	2.20	100KHz	72	1.65
NR4012-3R3 □	3.30	100KHz	84	1.40
NR4012-4R7 □	4.70	100KHz	114	1.20
NR4012-6R8 □	6.80	100KHz	150	0.90
NR4012-100 □	10.0	100KHz	204	0.80
NR4012-150 □	15.0	100KHz	312	0.65
NR4012-220 □	22.0	100KHz	480	0.50
NR4012-330 □	33.0	100KHz	810	0.42