

SHIELDED SMD POWER INDUCTORS / NR TYPE

FEATURES

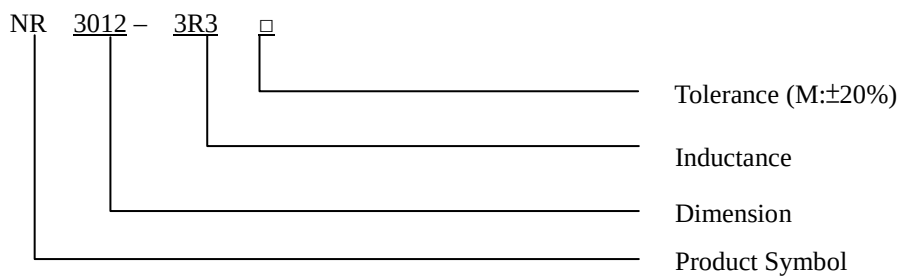
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



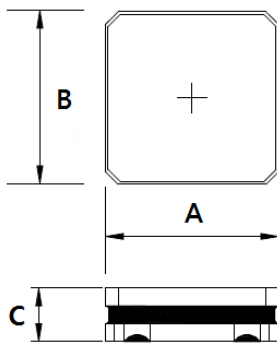
APPLICATIONS

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

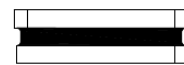
ORDERING CODE



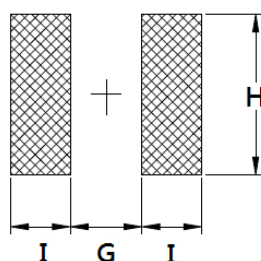
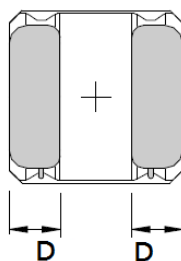
DIMENSIONS (UNIT: mm)



A	3.0 ± 0.2	m/m
B	3.0 ± 0.2	m/m
C	1.2 (MAX)	m/m
D	0.9 (REF)	m/m
G	1.4 (REF)	m/m
H	2.7 (REF)	m/m
I	0.8 (REF)	m/m



Recommended Land Pattern



UNIT: mm

SHIELDED SMD POWER INDUCTORS / NR TYPE

ELECTRICAL CHARACTERISTICS FOR NR3012

Part No.	Inductance (μ H)	Test Frequency	RDC (Ω)	IDC (A)
NR3012-R47 □	0.47	100KHz	0.040	2.60
NR3012-1R0 □	1.00	100KHz	0.058	2.20
NR3012-1R5 □	1.50	100KHz	0.066	1.70
NR3012-2R2 □	2.20	100KHz	0.090	1.50
NR3012-3R3 □	3.30	100KHz	0.120	1.20
NR3012-4R7 □	4.70	100KHz	0.156	1.00
NR3012-6R8 □	6.80	100KHz	0.228	0.85
NR3012-100 □	10.0	100KHz	0.324	0.73
NR3012-150 □	15.0	100KHz	0.540	0.53
NR3012-220 □	22.0	100KHz	0.756	0.50