

SHIELDED SMD POWER INDUCTORS / NR TYPE

FEATURES

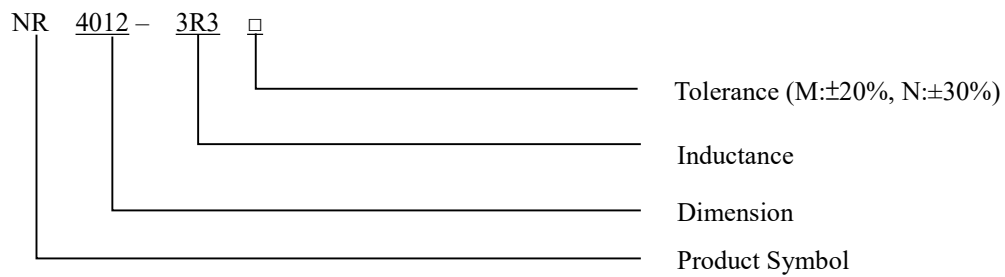
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



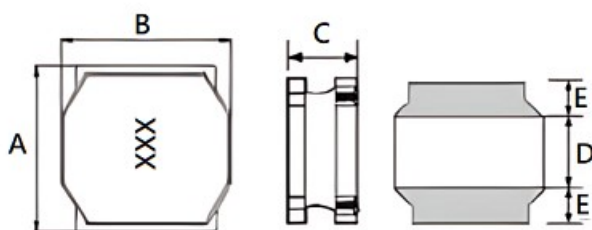
APPLICATIONS

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

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
D	1.6 ± 0.3	m/m
E	1.2 ± 0.3	m/m



CORE MASTER ENTERPRISE CO., LTD.

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ELECTRICAL CHARACTERISTICS FOR NR4012

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR4012-R68 □	0.68	100KHz	0.058	3.20
NR4012-R82 □	0.82	100KHz	0.062	3.02
NR4012-1R0 □	1.00	100KHz	0.065	2.61
NR4012-1R5 □	1.50	100KHz	0.094	2.50
NR4012-2R2 □	2.20	100KHz	0.105	2.10
NR4012-3R3 □	3.30	100KHz	0.149	1.80
NR4012-4R7 □	4.70	100KHz	0.163	1.20
NR4012-6R8 □	6.80	100KHz	0.286	1.08
NR4012-100 □	10	100KHz	0.442	0.95
NR4012-150 □	15	100KHz	0.651	0.80
NR4012-220 □	22	100KHz	1.010	0.65
NR4012-330 □	33	100KHz	1.280	0.55
NR4012-470 □	47	100KHz	2.210	0.45
NR4012-680 □	68	100KHz	1.950	0.38
NR4012-820 □	82	100KHz	2.140	0.28
NR4012-101 □	100	100KHz	2.210	0.25



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