

SHIELDED SMD POWER INDUCTORS / NR TYPE

FEATURES

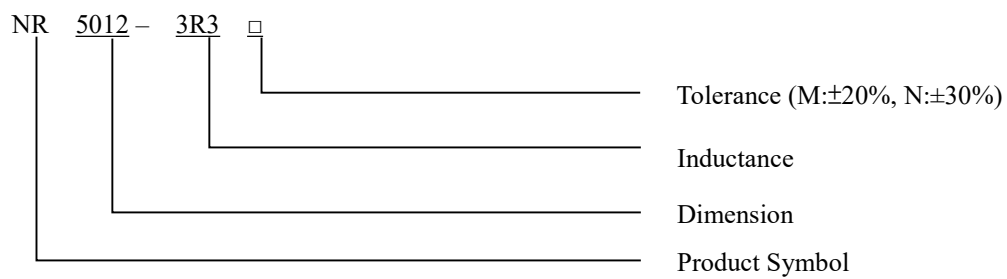
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



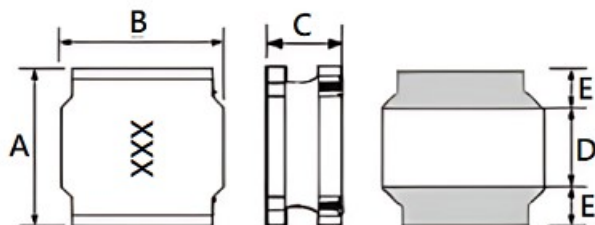
APPLICATIONS

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

ORDERING CODE



DIMENSIONS (UNIT: mm)



A	5.0 ± 0.2	m/m
B	5.0 ± 0.2	m/m
C	1.2 (MAX)	m/m
D	2.30 (REF)	m/m
E	1.35 (REF)	m/m



CORE MASTER ENTERPRISE CO., LTD.

<http://www.coremaster.com.tw>

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ELECTRICAL CHARACTERISTICS FOR NR5012

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR5012-R47 □	0.47	100KHz	0.065	4.50
NR5012-1R0 □	1.00	100KHz	0.085	4.00
NR5012-1R5 □	1.50	100KHz	0.104	3.20
NR5012-2R2 □	2.20	100KHz	0.140	2.80
NR5012-3R3 □	3.30	100KHz	0.188	2.30
NR5012-4R7 □	4.70	100KHz	0.240	1.90
NR5012-6R8 □	6.80	100KHz	0.364	1.60
NR5012-100 □	10	100KHz	0.480	1.20
NR5012-150 □	15	100KHz	0.650	1.00
NR5012-220 □	22	100KHz	1.027	0.95
NR5012-330 □	33	100KHz	1.560	0.85



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