

SHIELDED SMD POWER INDUCTORS / NR TYPE

FEATURES

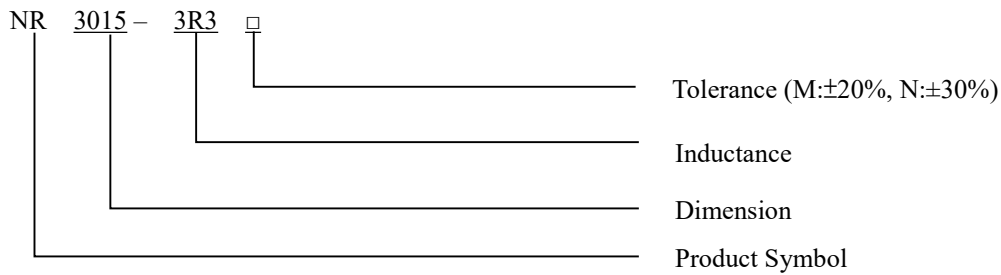
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



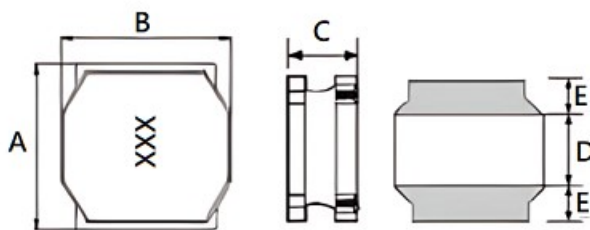
APPLICATIONS

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

ORDERING CODE



DIMENSIONS (UNIT: mm)



A	3.0 ± 0.2	m/m
B	3.0 ± 0.2	m/m
C	1.7 (MAX)	m/m
D	1.2 ± 0.3	m/m
E	0.9 ± 0.3	m/m



CORE MASTER ENTERPRISE CO., LTD.

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ELECTRICAL CHARACTERISTICS FOR NR3015

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR3015-R47 □	0.47	100KHz	0.027	2.50
NR3015-1R0 □	1.00	100KHz	0.039	2.32
NR3015-1R5 □	1.50	100KHz	0.065	2.00
NR3015-2R2 □	2.20	100KHz	0.078	1.60
NR3015-3R3 □	3.30	100KHz	0.104	1.32
NR3015-4R7 □	4.70	100KHz	0.163	1.10
NR3015-6R8 □	6.80	100KHz	0.260	0.85
NR3015-100 □	10	100KHz	0.325	0.72
NR3015-150 □	15	100KHz	0.455	0.66
NR3015-220 □	22	100KHz	0.598	0.52
NR3015-330 □	33	100KHz	1.066	0.40
NR3015-470 □	47	100KHz	1.625	0.30
NR3015-101 □	100	100KHz	4.043	0.23
NR3015-151 □	150	100KHz	4.940	0.18



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