

SHIELDED SMD POWER INDUCTORS / NR TYPE

FEATURES

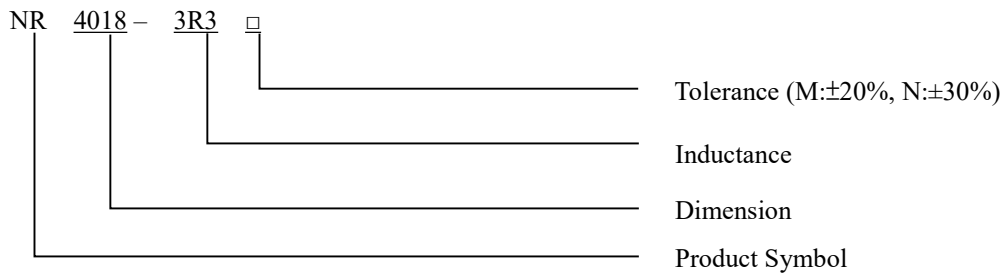
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



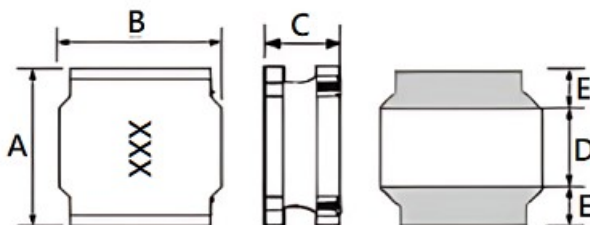
APPLICATIONS

- ◆ 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	1.8 (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 NR4018

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR4018-R24 □	0.24	100KHz	0.018	6.00
NR4018-R33 □	0.33	100KHz	0.020	5.50
NR4018-R47 □	0.47	100KHz	0.025	5.00
NR4018-R56 □	0.56	100KHz	0.027	4.80
NR4018-1R0 □	1.00	100KHz	0.033	4.20
NR4018-1R5 □	1.50	100KHz	0.039	3.35
NR4018-2R2 □	2.20	100KHz	0.059	2.70
NR4018-3R3 □	3.30	100KHz	0.091	2.45
NR4018-4R7 □	4.70	100KHz	0.117	1.70
NR4018-6R8 □	6.80	100KHz	0.143	1.45
NR4018-8R2 □	8.20	100KHz	0.188	1.38
NR4018-100 □	10	100KHz	0.234	1.30
NR4018-150 □	15	100KHz	0.325	0.94
NR4018-220 □	22	100KHz	0.468	0.80
NR4018-330 □	33	100KHz	0.689	0.65
NR4018-470 □	47	100KHz	0.845	0.57
NR4018-680 □	68	100KHz	1.300	0.47
NR4018-101 □	100	100KHz	2.275	0.40
NR4018-151 □	150	100KHz	3.250	0.31
NR4018-221 □	220	100KHz	5.200	0.27
NR4018-331 □	330	100KHz	8.450	0.20



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