

SHIELDED SMD POWER INDUCTORS / NR TYPE

FEATURES

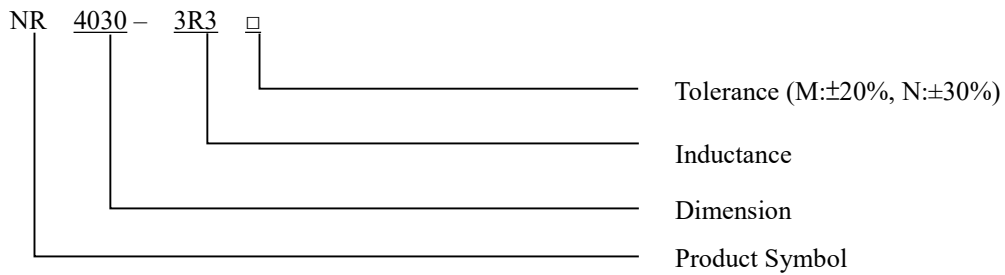
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



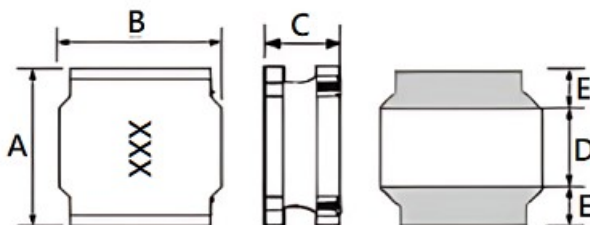
APPLICATIONS

- ◆ 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	3.0 (MAX)	m/m
D	1.6 ± 0.3	m/m
E	1.2 ± 0.3	m/m



CORE MASTER ENTERPRISE CO., LTD.

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

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ELECTRICAL CHARACTERISTICS FOR NR4030

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR4030-R24 □	0.24	100KHz	0.012	8.00
NR4030-R47 □	0.47	100KHz	0.013	7.50
NR4030-R68 □	0.68	100KHz	0.015	6.80
NR4030-1R0 □	1.00	100KHz	0.020	5.26
NR4030-1R5 □	1.50	100KHz	0.026	4.84
NR4030-2R2 □	2.20	100KHz	0.039	4.10
NR4030-3R3 □	3.30	100KHz	0.052	3.30
NR4030-4R7 □	4.70	100KHz	0.078	2.90
NR4030-5R6 □	5.60	100KHz	0.085	2.75
NR4030-6R8 □	6.80	100KHz	0.117	2.60
NR4030-8R2 □	8.20	100KHz	0.121	2.10
NR4030-100 □	10	100KHz	0.135	1.95
NR4030-120 □	12	100KHz	0.175	1.70
NR4030-150 □	15	100KHz	0.247	1.65
NR4030-220 □	22	100KHz	0.292	1.30
NR4030-330 □	33	100KHz	0.429	1.10
NR4030-470 □	47	100KHz	0.579	0.95
NR4030-560 □	56	100KHz	0.722	0.85
NR4030-680 □	68	100KHz	1.128	0.72
NR4030-820 □	82	100KHz	1.378	0.66
NR4030-101 □	100	100KHz	1.495	0.60
NR4030-151 □	150	100KHz	2.340	0.50
NR4030-181 □	180	100KHz	3.100	0.45
NR4030-221 □	220	100KHz	3.250	0.40
NR4030-331 □	330	100KHz	5.200	0.30
NR4030-471 □	470	100KHz	9.360	0.28
NR4030-681 □	680	100KHz	9.854	0.26
NR4030-222 □	2200	100KHz	27.00	0.13



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