

SHIELDED SMD POWER INDUCTORS / NR TYPE

FEATURES

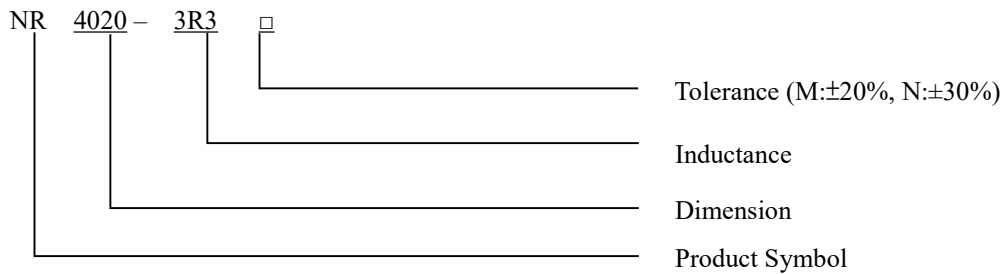
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



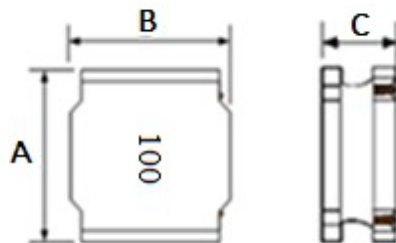
APPLICATIONS

- ◆ For small DC/DC converter (cellular phone, HDD, DVC, DSC, LCD display etc).

ORDERING CODE



DIMENSIONS (UNIT: mm)



A	4.0 ± 0.2	m/m
B	4.0 ± 0.2	m/m
C	2.1 (MAX)	m/m



CORE MASTER ENTERPRISE CO., LTD.

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ELECTRICAL CHARACTERISTICS FOR NR4020

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR4020-1R0 □	1.0	100KHz	0.038	4.78
NR4020-1R5 □	1.5	100KHz	0.046	4.45
NR4020-2R2 □	2.2	100KHz	0.052	3.40
NR4020-3R3 □	3.3	100KHz	0.091	3.20
NR4020-4R7 □	4.7	100KHz	0.098	2.35
NR4020-5R6 □	5.6	100KHz	0.117	2.20
NR4020-6R8 □	6.8	100KHz	0.163	2.00
NR4020-8R2 □	8.2	100KHz	0.185	1.75
NR4020-100 □	10	100KHz	0.215	1.60
NR4020-150 □	15	100KHz	0.299	1.35
NR4020-220 □	22	100KHz	0.455	1.05
NR4020-330 □	33	100KHz	0.715	0.85
NR4020-470 □	47	100KHz	0.923	0.74
NR4020-560 □	56	100KHz	1.040	0.66
NR4020-680 □	68	100KHz	1.380	0.61
NR4020-820 □	82	100KHz	1.520	0.50
NR4020-101 □	100	100KHz	2.020	0.48



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