

SHIELDED SMD POWER INDUCTORS / NR TYPE

FEATURES

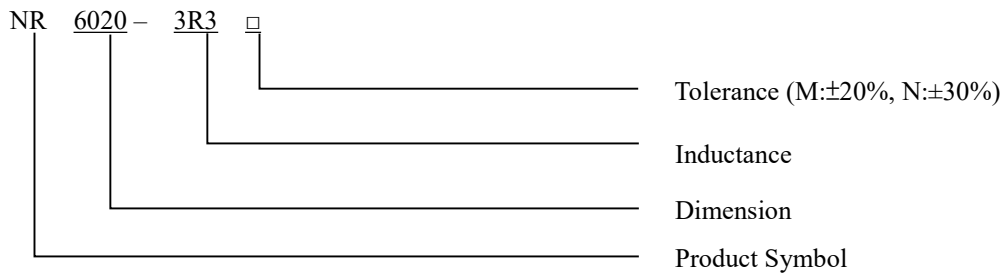
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



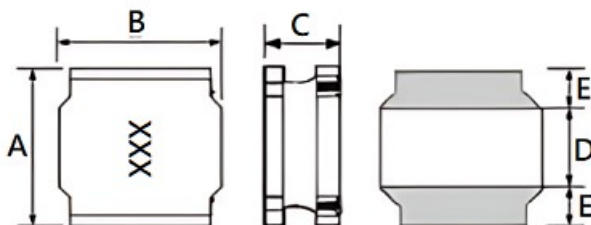
APPLICATIONS

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

ORDERING CODE



DIMENSIONS (UNIT: mm)



A	6.0 ± 0.3	m/m
B	6.0 ± 0.3	m/m
C	2.1 (MAX)	m/m
D	2.40 (REF)	m/m
E	1.85 (REF)	m/m



CORE MASTER ENTERPRISE CO., LTD.

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ELECTRICAL CHARACTERISTICS FOR NR6020

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR6020-R68 □	0.68	100KHz	0.017	6.55
NR6020-R82 □	0.82	100KHz	0.017	5.30
NR6020-1R0 □	1.00	100KHz	0.026	4.30
NR6020-1R5 □	1.50	100KHz	0.032	4.25
NR6020-2R2 □	2.20	100KHz	0.045	3.75
NR6020-3R3 □	3.30	100KHz	0.058	3.15
NR6020-4R7 □	4.70	100KHz	0.075	3.00
NR6020-5R6 □	5.60	100KHz	0.091	2.40
NR6020-6R8 □	6.80	100KHz	0.110	2.20
NR6020-100 □	10	100KHz	0.156	1.75
NR6020-120 □	12	100KHz	0.182	1.60
NR6020-150 □	15	100KHz	0.208	1.45
NR6020-180 □	18	100KHz	0.245	1.30
NR6020-220 □	22	100KHz	0.312	1.20
NR6020-330 □	33	100KHz	0.440	0.90
NR6020-470 □	47	100KHz	0.650	0.75
NR6020-680 □	68	100KHz	0.960	0.68
NR6020-101 □	100	100KHz	1.450	0.50
NR6020-221 □	220	100KHz	3.120	0.35
NR6020-331 □	330	100KHz	4.650	0.28
NR6020-102 □	1000	100KHz	14.350	0.18



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