

SHIELDED SMD POWER INDUCTORS / NR TYPE

FEATURES

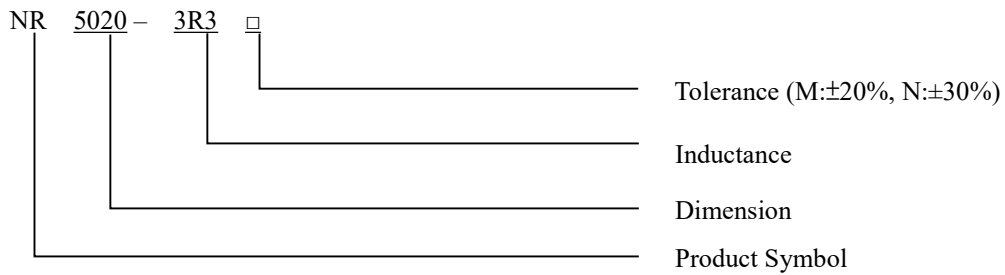
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



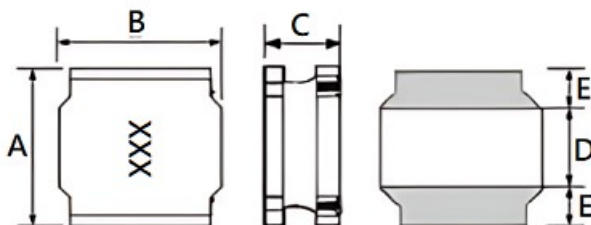
APPLICATIONS

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

ORDERING CODE



DIMENSIONS (UNIT: mm)



A	5.0 ± 0.2	m/m
B	5.0 ± 0.2	m/m
C	2.2 (MAX)	m/m
D	2.30 (REF)	m/m
E	1.35 (REF)	m/m



CORE MASTER ENTERPRISE CO., LTD.

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ELECTRICAL CHARACTERISTICS FOR NR5020

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR5020-R22 □	0.22	100KHz	0.018	9.00
NR5020-R24 □	0.24	100KHz	0.020	8.00
NR5020-R47 □	0.47	100KHz	0.022	6.50
NR5020-R56 □	0.56	100KHz	0.024	6.00
NR5020-R68 □	0.68	100KHz	0.026	5.10
NR5020-1R0 □	1.00	100KHz	0.029	4.20
NR5020-1R5 □	1.50	100KHz	0.039	3.90
NR5020-2R2 □	2.20	100KHz	0.052	3.20
NR5020-3R3 □	3.30	100KHz	0.065	2.80
NR5020-4R7 □	4.70	100KHz	0.074	2.50
NR5020-5R6 □	5.60	100KHz	0.083	2.30
NR5020-6R8 □	6.80	100KHz	0.119	2.05
NR5020-8R2 □	8.20	100KHz	0.127	1.85
NR5020-100 □	10	100KHz	0.163	1.70
NR5020-150 □	15	100KHz	0.215	1.35
NR5020-180 □	18	100KHz	0.260	1.25
NR5020-220 □	22	100KHz	0.294	1.15
NR5020-330 □	33	100KHz	0.520	0.92
NR5020-470 □	47	100KHz	0.754	0.77
NR5020-680 □	68	100KHz	0.962	0.65
NR5020-101□	100	100KHz	1.430	0.53
NR5020-121 □	120	100KHz	1.510	0.42
NR5020-151 □	150	100KHz	1.950	0.40
NR5020-201 □	200	100KHz	2.600	0.35
NR5020-221 □	220	100KHz	3.000	0.33
NR5020-471 □	470	100KHz	6.630	0.20
NR5020-561 □	560	100KHz	7.150	0.18
NR5020-681 □	680	100KHz	7.410	0.17
NR5020-122 □	1200	100KHz	14.700	0.10



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