

SHIELDED SMD POWER INDUCTORS / NR TYPE

FEATURES

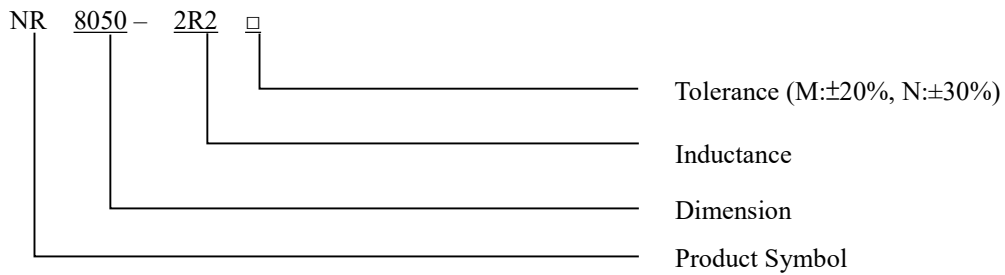
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



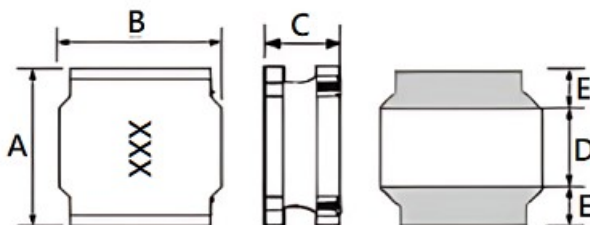
APPLICATIONS

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

ORDERING CODE



DIMENSIONS (UNIT: mm)



A	8.0 ± 0.3	m/m
B	8.0 ± 0.3	m/m
C	5.2 (MAX)	m/m
D	3.50 (REF)	m/m
E	2.50 (REF)	m/m



CORE MASTER ENTERPRISE CO., LTD.

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ELECTRICAL CHARACTERISTICS FOR NR8050

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR8050-2R2 □	2.2	100KHz	0.021	8.00
NR8050-100 □	10	100KHz	0.060	5.50
NR8050-220 □	22	100KHz	0.130	3.50
NR8050-330 □	33	100KHz	0.182	3.00
NR8050-101 □	100	100KHz	0.481	1.50
NR8050-151 □	150	100KHz	0.650	1.30
NR8050-221 □	220	100KHz	1.150	1.10
NR8050-331 □	330	100KHz	1.690	1.00
NR8050-471 □	470	100KHz	2.240	0.70
NR8050-102 □	1000	100KHz	4.940	0.50



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