

SHIELDED SMD POWER INDUCTORS / NR TYPE

FEATURES

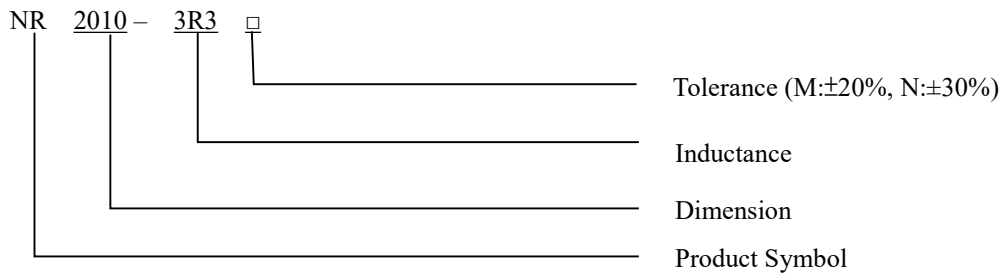
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



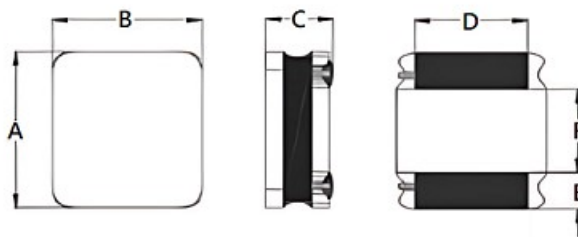
APPLICATIONS

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

ORDERING CODE



DIMENSIONS (UNIT: mm)



A	2.0 ± 0.25	m/m
B	1.6 ± 0.25	m/m
C	1.1 (MAX)	m/m
D	1.6 ± 0.20	m/m
E	0.6 ± 0.20	m/m
F	1.0 (REF)	m/m



CORE MASTER ENTERPRISE CO., LTD.

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ELECTRICAL CHARACTERISTICS FOR NR2010

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR2010-R47 □	0.47	1MHz	0.060	2.30
NR2010-R68 □	0.68	1MHz	0.076	1.95
NR2010-1R0 □	1.00	1MHz	0.115	1.65
NR2010-1R5 □	1.50	1MHz	0.174	1.35
NR2010-2R2 □	2.20	1MHz	0.265	1.20
NR2010-3R3 □	3.30	1MHz	0.345	1.00
NR2010-4R7 □	4.70	1MHz	0.480	0.75
NR2010-6R8 □	6.80	1MHz	0.940	0.68
NR2010-8R2 □	8.20	1MHz	0.800	0.62
NR2010-100 □	10	1MHz	1.000	0.60
NR2010-120 □	12	1MHz	1.430	0.55
NR2010-150 □	15	1MHz	1.700	0.50
NR2010-180 □	18	1MHz	1.850	0.40
NR2010-220 □	22	1MHz	2.000	0.32



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