

SHIELDED SMD POWER INDUCTORS / NR TYPE

FEATURES

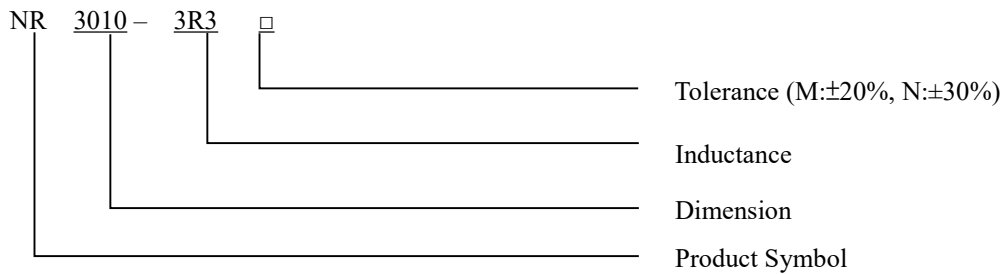
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



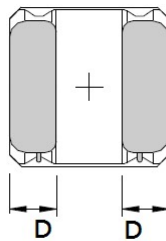
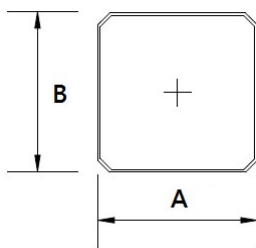
APPLICATIONS

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

ORDERING CODE



DIMENSIONS (UNIT: mm)



A	3.0 ± 0.2	m/m
B	3.0 ± 0.2	m/m
C	1.0 (MAX)	m/m
D	0.9 (REF)	m/m



CORE MASTER ENTERPRISE CO., LTD.

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ELECTRICAL CHARACTERISTICS FOR NR3010

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR3010-1R0 □	1.00	1MHz	0.078	1.70
NR3010-1R5 □	1.50	1MHz	0.096	1.40
NR3010-2R2 □	2.20	1MHz	0.114	1.25
NR3010-3R3 □	3.30	1MHz	0.192	0.90
NR3010-4R7 □	4.70	1MHz	0.228	0.85
NR3010-6R8 □	6.80	1MHz	0.360	0.66
NR3010-100 □	10	1MHz	0.540	0.53
NR3010-150 □	15	1MHz	0.888	0.42
NR3010-220 □	22	1MHz	1.176	0.36
NR3010-330 □	33	1MHz	1.860	0.28
NR3010-470 □	47	1MHz	2.400	0.24



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