

SHIELDED SMD POWER INDUCTORS / NR TYPE

FEATURES

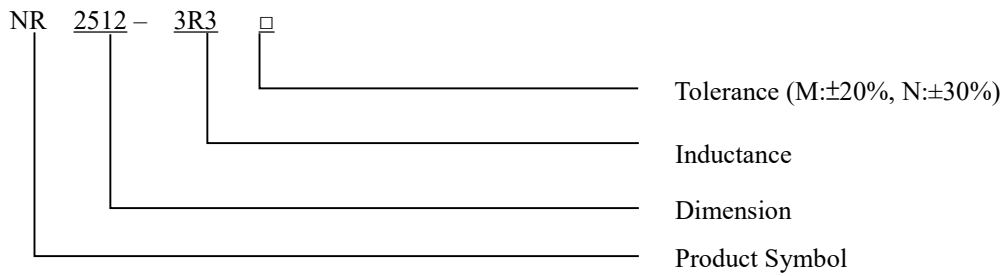
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



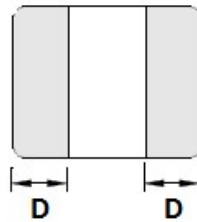
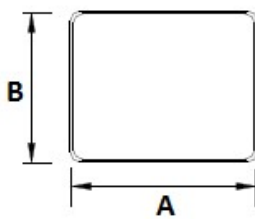
APPLICATIONS

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

ORDERING CODE



DIMENSIONS (UNIT: mm)



A	2.5 ± 0.2	m/m
B	2.0 ± 0.2	m/m
C	1.2 (MAX)	m/m
D	0.8 (REF)	m/m



CORE MASTER ENTERPRISE CO., LTD.

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ELECTRICAL CHARACTERISTICS FOR NR2512

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR2512-R47 □	0.47	1MHz	0.028	3.50
NR2512-1R0 □	1.00	1MHz	0.043	2.45
NR2512-1R5 □	1.50	1MHz	0.070	2.07
NR2512-2R2 □	2.20	1MHz	0.088	1.95
NR2512-3R3 □	3.30	1MHz	0.130	1.60
NR2512-4R7 □	4.70	1MHz	0.180	1.40
NR2512-6R8 □	6.80	1MHz	0.320	1.04
NR2512-100 □	10	1MHz	0.350	0.77



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