

SHIELDED SMD POWER INDUCTORS / NR TYPE

FEATURES

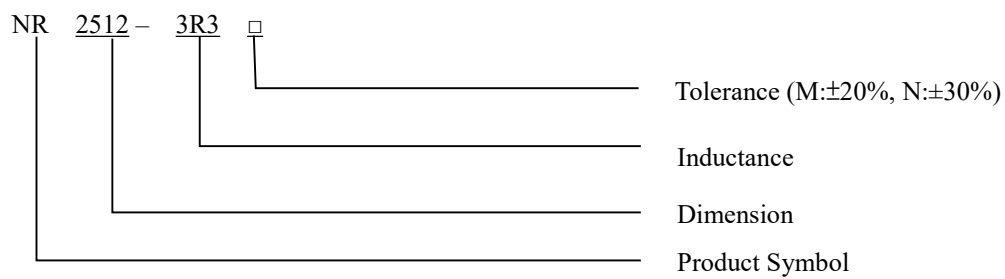
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



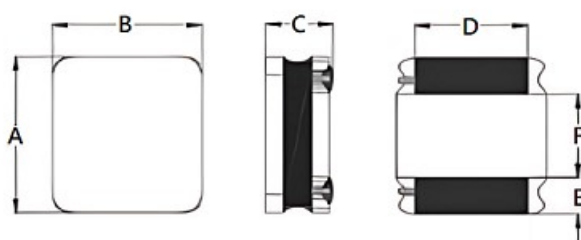
APPLICATIONS

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

ORDERING CODE



DIMENSIONS (UNIT: mm)



A	2.50 ± 0.25	m/m
B	2.00 ± 0.25	m/m
C	1.25 (MAX)	m/m
D	1.50 ± 0.20	m/m
E	0.80 ± 0.20	m/m
F	1.00 (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-R24 □	0.24	1MHz	0.028	4.05
NR2512-R33 □	0.33	1MHz	0.040	4.00
NR2512-R47 □	0.47	1MHz	0.061	3.60
NR2512-R56 □	0.56	1MHz	0.066	3.30
NR2512-R68 □	0.68	1MHz	0.074	3.28
NR2512-R82 □	0.82	1MHz	0.085	2.60
NR2512-1R0 □	1.00	1MHz	0.090	2.45
NR2512-1R2 □	1.20	1MHz	0.129	2.38
NR2512-1R5 □	1.50	1MHz	0.147	2.05
NR2512-2R2 □	2.20	1MHz	0.216	1.90
NR2512-3R3 □	3.30	1MHz	0.264	1.50
NR2512-4R7 □	4.70	1MHz	0.377	1.35
NR2512-5R6 □	5.60	1MHz	0.538	1.11
NR2512-6R8 □	6.80	1MHz	0.581	0.98
NR2512-8R2 □	8.20	1MHz	0.658	0.90
NR2512-100 □	10	1MHz	0.690	0.79
NR2512-120 □	12	1MHz	0.810	0.75
NR2512-150 □	15	1MHz	0.900	0.65
NR2512-180 □	18	1MHz	1.000	0.55
NR2512-220 □	22	1MHz	1.100	0.50
NR2512-330 □	33	1MHz	1.500	0.38
NR2512-470 □	47	1MHz	2.000	0.30



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