

SHIELDED SMD POWER INDUCTORS / NR TYPE

FEATURES

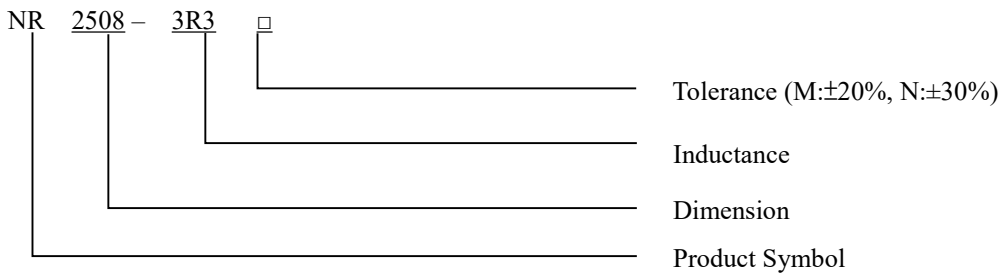
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



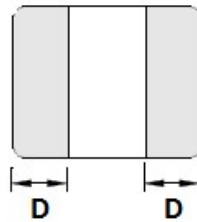
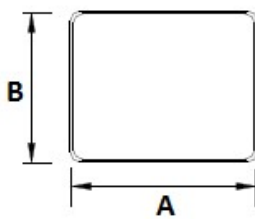
APPLICATIONS

- ◆ 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	0.8 (MAX)	m/m
D	0.8 (REF)	m/m



CORE MASTER ENTERPRISE CO., LTD.

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ELECTRICAL CHARACTERISTICS FOR NR2508

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR2508-R47 □	0.47	1MHz	0.140	1.80
NR2508-1R0 □	1.00	1MHz	0.219	1.35
NR2508-1R5 □	1.50	1MHz	0.248	1.10
NR2508-2R2 □	2.20	1MHz	0.290	0.86
NR2508-3R3 □	3.30	1MHz	0.416	0.82
NR2508-4R7 □	4.70	1MHz	0.580	0.68
NR2508-6R8 □	6.80	1MHz	0.818	0.55
NR2508-100 □	10	1MHz	1.232	0.48



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