

SHIELDED SMD POWER INDUCTORS / NR TYPE

FEATURES

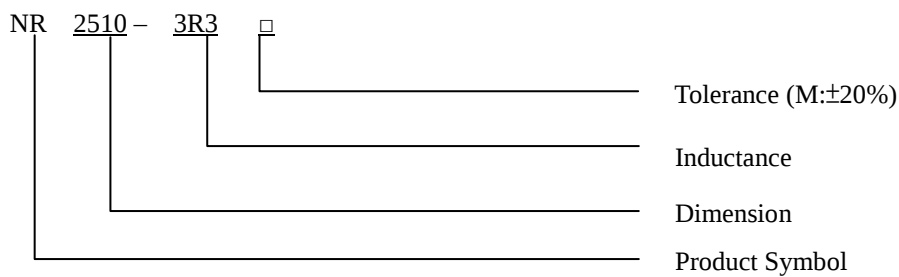
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



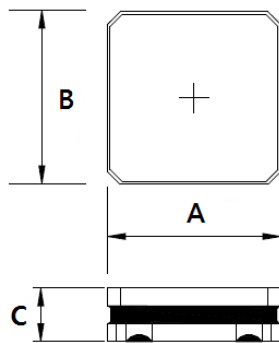
APPLICATIONS

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

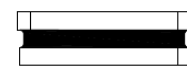
ORDERING CODE



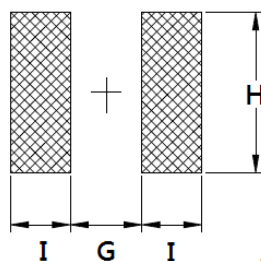
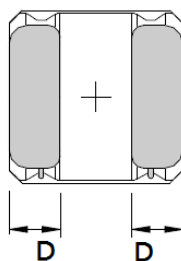
DIMENSIONS (UNIT: mm)



A	2.5 ± 0.3	m/m
B	2.0 ± 0.3	m/m
C	1.0 ± 0.1	m/m
D	0.80 (REF)	m/m
G	0.80 (REF)	m/m
H	2.10 (REF)	m/m
I	0.85 (REF)	m/m



Recommended Land Pattern



UNIT: mm

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ELECTRICAL CHARACTERISTICS FOR NR2510

Part No.	Inductance (μ H)	Test Frequency	RDC (Ω)	IDC (A)
NR2510-R50 □	0.50	1MHz	0.038	3.00
NR2510-R68 □	0.68	1MHz	0.059	2.43
NR2510-1R0 □	1.00	1MHz	0.082	2.20
NR2510-1R5 □	1.50	1MHz	0.114	1.58
NR2510-2R2 □	2.20	1MHz	0.163	1.39
NR2510-3R3 □	3.30	1MHz	0.248	1.17
NR2510-4R7 □	4.70	1MHz	0.323	1.08
NR2510-6R8 □	6.80	1MHz	0.485	0.77
NR2510-100 □	10.0	1MHz	0.610	0.65