

SHIELDED SMD POWER INDUCTORS / NR(M) TYPE

FEATURES

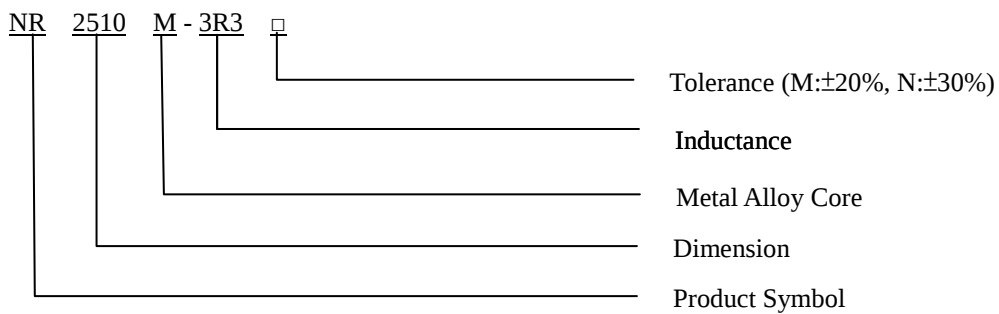
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.
- ◆ Metal alloy core



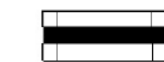
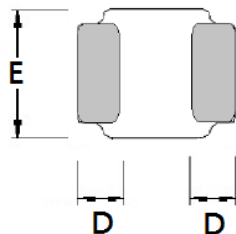
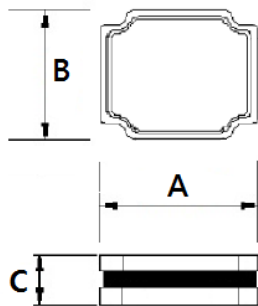
APPLICATIONS

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

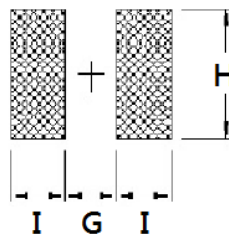
ORDERING CODE



DIMENSIONS (UNIT: mm)



Recommended Land Pattern



Unit : mm

A	2.5 ± 0.3	m/m
B	2.0 ± 0.3	m/m
C	1.0 (MAX)	m/m
D	0.85 (REF)	m/m
E	2.1 ± 0.3	m/m
G	0.80 (REF)	m/m
H	2.10 (REF)	m/m
I	0.90 (REF)	m/m

CORE MASTER ENTERPRISE CO., LTD.

<http://www.coremaster.com.tw>



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ELECTRICAL CHARACTERISTICS FOR NR2510M

Part No.	Inductance (μ H)	Test Frequency (MHz)	RDC (m Ω) MAX	IDC (A) MAX
NR2510M -R24 □	0.24	1MHz / 1V	31.0	6.80
NR2510M -R33 □	0.33	1MHz / 1V	36.0	6.10
NR2510M -R47 □	0.47	1MHz / 1V	44.5	5.50
NR2510M -R68 □	0.68	1MHz / 1V	62.0	4.05
NR2510M -1R0 □	1.00	1MHz / 1V	80.0	3.35
NR2510M -1R5 □	1.50	1MHz / 1V	106	2.85
NR2510M -2R2 □	2.20	1MHz / 1V	150	2.60
NR2510M -3R3 □	3.30	1MHz / 1V	222	2.10
NR2510M -4R7 □	4.70	1MHz / 1V	290	1.75
NR2510M -6R8 □	6.80	1MHz / 1V	435	1.40
NR2510M -100 □	10.0	1MHz / 1V	530	1.28