

# SHIELDED SMD POWER INDUCTORS / NR TYPE

## FEATURES

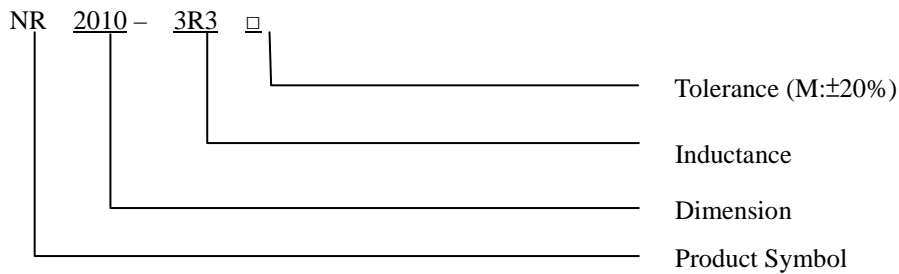
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



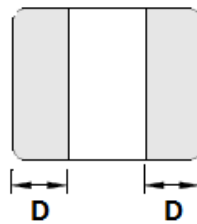
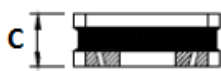
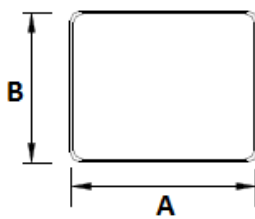
## APPLICATIONS

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

## ORDERING CODE



## DIMENSIONS (UNIT: mm)



A	$2.0 \pm 0.2$	m/m
B	$1.6 \pm 0.2$	m/m
C	1.1 (MAX)	m/m
D	0.6 (REF)	m/m

## SHIELDED SMD POWER INDUCTORS / NR TYPE

### ELECTRICAL CHARACTERISTICS FOR NR2010

Part No.	Inductance (uH)	Test Frequency	RDC ( $\Omega$ )	IDC (A)
NR2010-R24 □	0.24	1MHz	0.040	3.70
NR2010-R33 □	0.33	1MHz	0.048	3.00
NR2010-R47 □	0.47	1MHz	0.060	2.30
NR2010-R68 □	0.68	1MHz	0.076	1.95
NR2010-1R0 □	1.00	1MHz	0.114	1.65
NR2010-1R5 □	1.50	1MHz	0.174	1.35
NR2010-2R2 □	2.20	1MHz	0.265	1.20
NR2010-3R3 □	3.30	1MHz	0.345	1.00
NR2010-4R7 □	4.70	1MHz	0.480	0.75
NR2010-6R8 □	6.80	1MHz	0.940	0.68
NR2010-8R2 □	8.20	1MHz	0.800	0.65
NR2010-100 □	10	1MHz	1.000	0.60
NR2010-150 □	15	1MHz	1.700	0.50
NR2010-220 □	22	1MHz	2.000	0.32

CORE MASTER ENTERPRISE CO., LTD.

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

