

# SHIELDED SMD POWER INDUCTORS / NR TYPE

## FEATURES

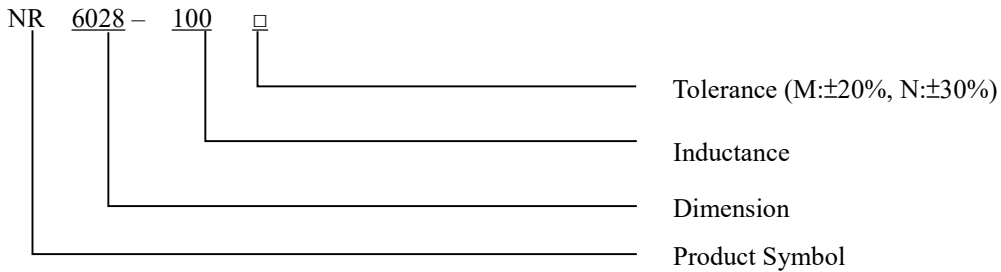
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



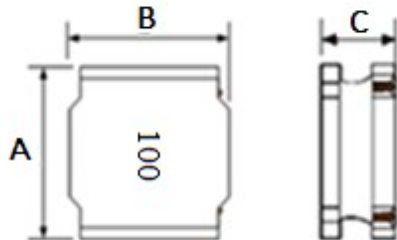
## APPLICATIONS

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

## ORDERING CODE



## DIMENSIONS (UNIT: mm)



A	$6.0 \pm 0.3$	m/m
B	$6.0 \pm 0.3$	m/m
C	2.8 (MAX)	m/m



CORE MASTER ENTERPRISE CO., LTD.

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### ELECTRICAL CHARACTERISTICS FOR NR6028

Part No.	Inductance (uH)	Test Frequency	RDC ( $\Omega$ )	IDC (A)
NR6028-0R9 □	0.9	100KHz	0.017	6.70
NR6028-1R5 □	1.5	100KHz	0.021	5.10
NR6028-2R2 □	2.2	100KHz	0.026	4.20
NR6028-4R7 □	4.7	100KHz	0.040	2.70
NR6028-6R8 □	6.8	100KHz	0.056	2.50
NR6028-100 □	10	100KHz	0.085	1.90
NR6028-150 □	15	100KHz	0.124	1.60
NR6028-220 □	22	100KHz	0.176	1.30
NR6028-330 □	33	100KHz	0.286	1.10
NR6028-470 □	47	100KHz	0.390	1.00
NR6028-680 □	68	100KHz	0.546	0.80
NR6028-101 □	100	100KHz	0.780	0.65



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