

# SHIELDED SMD POWER INDUCTORS / NR TYPE

## FEATURES

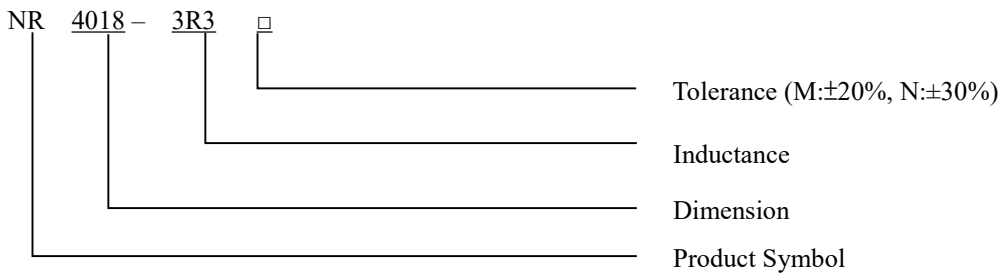
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



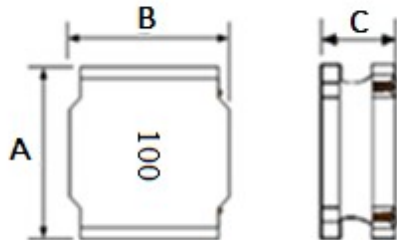
## APPLICATIONS

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

## ORDERING CODE



## DIMENSIONS (UNIT: mm)



A	$4.0 \pm 0.2$	m/m
B	$4.0 \pm 0.2$	m/m
C	1.8 (MAX)	m/m



CORE MASTER ENTERPRISE CO., LTD.

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### ELECTRICAL CHARACTERISTICS FOR NR4018

Part No.	Inductance (uH)	Test Frequency	RDC ( $\Omega$ )	IDC (A)
NR4018-1R0 □	1.0	100KHz	0.033	4.80
NR4018-1R5 □	1.5	100KHz	0.039	3.35
NR4018-1R8 □	1.8	100KHz	0.044	3.00
NR4018-2R2 □	2.2	100KHz	0.059	2.70
NR4018-3R3 □	3.3	100KHz	0.091	2.45
NR4018-4R7 □	4.7	100KHz	0.117	1.70
NR4018-6R8 □	6.8	100KHz	0.143	1.45
NR4018-100 □	10	100KHz	0.234	1.30
NR4018-150 □	15	100KHz	0.325	0.94
NR4018-220 □	22	100KHz	0.468	0.80
NR4018-330 □	33	100KHz	0.689	0.65
NR4018-470 □	47	100KHz	0.845	0.57
NR4018-680 □	68	100KHz	1.300	0.47
NR4018-101 □	100	100KHz	2.275	0.40
NR4018-151 □	150	100KHz	3.250	0.31
NR4018-221 □	220	100KHz	5.200	0.27



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