

# SHIELDED SMD POWER INDUCTORS / NR TYPE

## FEATURES

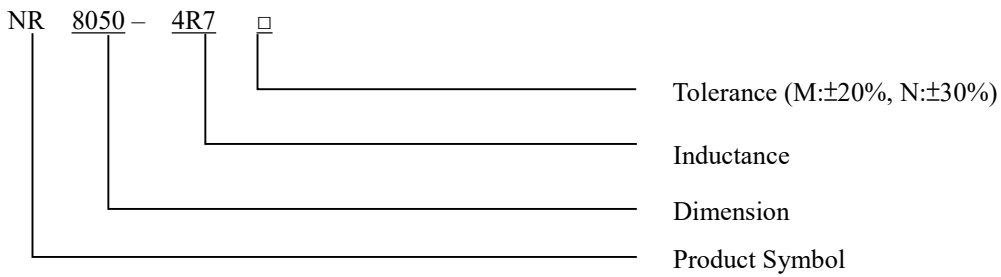
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



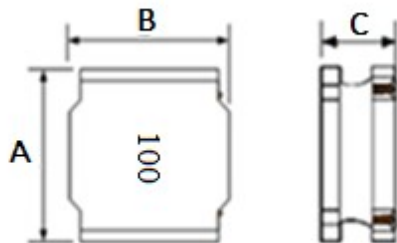
## APPLICATIONS

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

## ORDERING CODE



## DIMENSIONS (UNIT: mm)



A	$8.0 \pm 0.3$	m/m
B	$8.0 \pm 0.3$	m/m
C	5.2 (MAX)	m/m



CORE MASTER ENTERPRISE CO., LTD.

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### ELECTRICAL CHARACTERISTICS FOR NR8050

Part No.	Inductance (uH)	Test Frequency	RDC ( $\Omega$ )	IDC (A)
NR8050-4R7 □	4.7	100KHz	0.039	9.50
NR8050-220 □	22	100KHz	0.120	4.00
NR8050-680 □	68	100KHz	0.255	1.55
NR8050-820 □	82	100KHz	0.305	1.40
NR8050-151 □	150	100KHz	0.585	1.20
NR8050-102 □	1000	100KHz	5.000	0.42



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