

# SHIELDED SMD POWER INDUCTORS / NR TYPE

## FEATURES

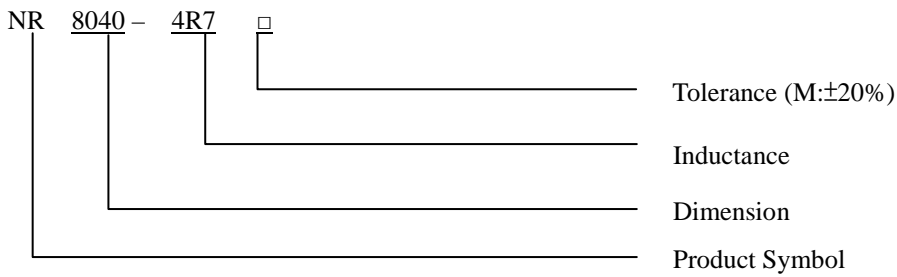
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



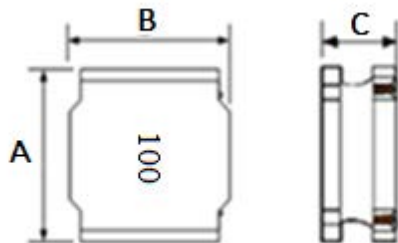
## APPLICATIONS

- ◆ 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	4.2 (MAX)	m/m

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### ELECTRICAL CHARACTERISTICS FOR NR8040

Part No.	Inductance (uH)	Test Frequency	RDC ( $\Omega$ )	IDC (A)
NR8040-1R0 □	1.0	100KHz	0.010	9.85
NR8040-2R2 □	2.2	100KHz	0.016	7.10
NR8040-3R3 □	3.3	100KHz	0.022	6.50
NR8040-4R7 □	4.7	100KHz	0.025	5.90
NR8040-5R6 □	5.6	100KHz	0.030	6.00
NR8040-6R8 □	6.8	100KHz	0.031	4.55
NR8040-8R2 □	8.2	100KHz	0.034	4.20
NR8040-100 □	10	100KHz	0.038	3.60
NR8040-150 □	15	100KHz	0.061	2.95
NR8040-220 □	22	100KHz	0.090	2.40
NR8040-330 □	33	100KHz	0.126	2.05
NR8040-470 □	47	100KHz	0.177	1.75
NR8040-680 □	68	100KHz	0.255	1.45
NR8040-820 □	82	100KHz	0.293	1.30
NR8040-101 □	100	100KHz	0.442	1.15
NR8040-151 □	150	100KHz	0.533	1.10
NR8040-221 □	220	100KHz	0.779	0.85
NR8040-331 □	330	100KHz	1.156	0.68
NR8040-471 □	470	100KHz	1.950	0.60
NR8040-681 □	680	100KHz	2.652	0.50
NR8040-102 □	1000	100KHz	3.640	0.40

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