

# SHIELDED SMD POWER INDUCTORS / NR TYPE

## FEATURES

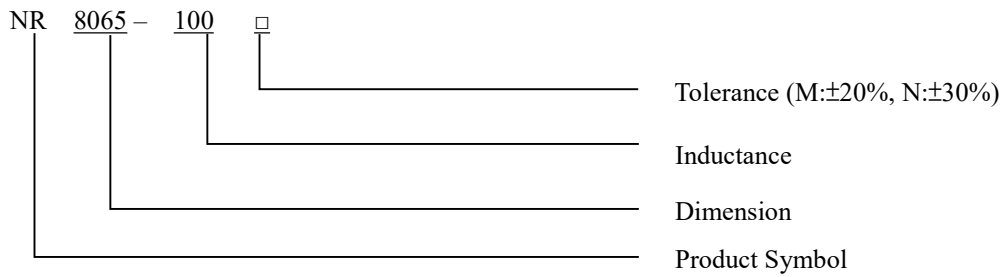
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



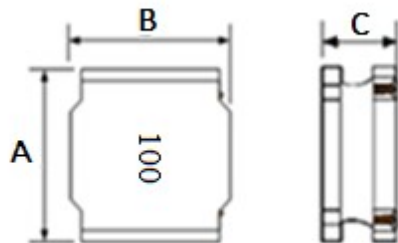
## APPLICATIONS

- ◆ 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	6.5 (MAX)	m/m



CORE MASTER ENTERPRISE CO., LTD.

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### ELECTRICAL CHARACTERISTICS FOR NR8065

Part No.	Inductance (uH)	Test Frequency	RDC ( $\Omega$ )	IDC (A)
NR8065-R68 □	0.68	100KHz	0.012	20.00
NR8065-1R0 □	1.00	100KHz	0.015	10.00
NR8065-2R2 □	2.20	100KHz	0.018	10.00
NR8065-3R3 □	3.30	100KHz	0.022	10.00
NR8065-4R7 □	4.70	100KHz	0.025	9.00
NR8065-5R6 □	5.60	100KHz	0.027	8.30
NR8065-6R8 □	6.80	100KHz	0.029	7.50
NR8065-8R2 □	8.20	100KHz	0.039	6.50
NR8065-100 □	10	100KHz	0.060	6.00
NR8065-150 □	15	100KHz	0.064	5.00
NR8065-220 □	22	100KHz	0.082	4.00
NR8065-330 □	33	100KHz	0.110	3.40
NR8065-470 □	47	100KHz	0.163	2.80
NR8065-560 □	56	100KHz	0.195	2.60
NR8065-680 □	68	100KHz	0.234	2.25
NR8065-820 □	82	100KHz	0.286	2.10
NR8065-101 □	100	100KHz	0.338	1.80
NR8065-151 □	150	100KHz	0.533	1.50
NR8065-221 □	220	100KHz	0.715	1.25
NR8065-331 □	330	100KHz	1.080	1.10
NR8065-471 □	470	100KHz	1.560	0.87
NR8065-681 □	680	100KHz	2.210	0.75
NR8065-102 □	1000	100KHz	3.250	0.62
NR8065-152 □	1500	100KHz	4.680	0.50
NR8065-202 □	2000	100KHz	6.370	0.40
NR8065-222 □	2200	100KHz	6.630	0.38
NR8065-302 □	3000	100KHz	10.400	0.35
NR8065-332 □	3300	100KHz	11.050	0.30



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