

SHIELDED SMD POWER INDUCTORS / NR TYPE

FEATURES

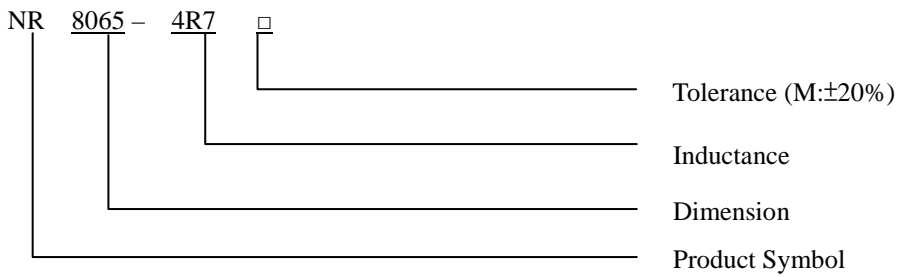
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



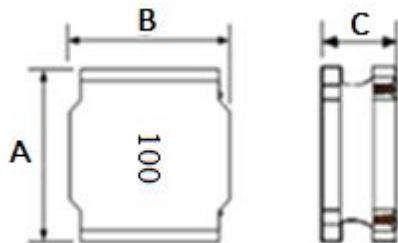
APPLICATIONS

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

ORDERING CODE



DIMENSIONS (UNIT: mm)



A	8.0 ± 0.3	m/m
B	8.0 ± 0.3	m/m
C	6.8 (MAX)	m/m

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ELECTRICAL CHARACTERISTICS FOR NR8065

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR8065-4R7 □	4.7	100KHz	0.022	8.50
NR8065-5R6 □	5.6	100KHz	0.026	8.00
NR8065-6R8 □	6.8	100KHz	0.029	7.50
NR8065-8R2 □	8.2	100KHz	0.031	7.00
NR8065-100 □	10	100KHz	0.040	6.60
NR8065-150 □	15	100KHz	0.062	4.80
NR8065-220 □	22	100KHz	0.065	4.30
NR8065-330 □	33	100KHz	0.118	3.50
NR8065-470 □	47	100KHz	0.156	3.00
NR8065-680 □	68	100KHz	0.230	2.70
NR8065-820 □	82	100KHz	0.300	2.50
NR8065-101 □	100	100KHz	0.390	2.30
NR8065-151 □	150	100KHz	0.575	1.80
NR8065-221 □	220	100KHz	0.988	1.40
NR8065-331 □	330	100KHz	1.320	1.10
NR8065-471 □	470	100KHz	1.690	0.90
NR8065-821 □	820	100KHz	2.000	0.65
NR8065-102 □	1000	100KHz	2.820	0.60
NR8065-152 □	1500	100KHz	4.380	0.54
NR8065-302 □	3000	100KHz	10.800	0.30
NR8065-472 □	4700	100KHz	14.580	0.25
NR8065-682 □	6800	100KHz	22.440	0.24

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