

# SHIELDED SMD POWER INDUCTORS / NR TYPE

## FEATURES

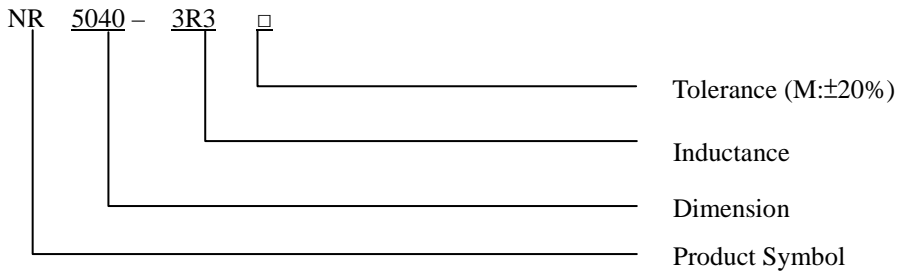
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



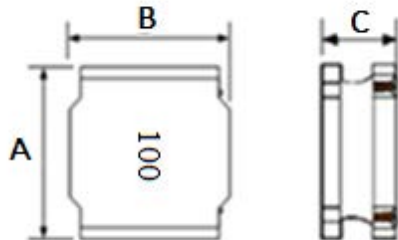
## APPLICATIONS

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

## ORDERING CODE



## DIMENSIONS (UNIT: mm)



A	$5.0 \pm 0.2$	m/m
B	$5.0 \pm 0.2$	m/m
C	4.2 (MAX)	m/m

## SHIELDED SMD POWER INDUCTORS / NR TYPE

### ELECTRICAL CHARACTERISTICS FOR NR5040

Part No.	Inductance (uH)	Test Frequency	RDC ( $\Omega$ )	IDC (A)
NR5040-1R0 □	1.0	100KHz	0.016	7.35
NR5040-1R5 □	1.5	100KHz	0.020	6.30
NR5040-1R8 □	1.8	100KHz	0.021	5.50
NR5040-2R2 □	2.2	100KHz	0.025	4.90
NR5040-3R3 □	3.3	100KHz	0.031	3.95
NR5040-4R7 □	4.7	100KHz	0.039	3.50
NR5040-5R6 □	5.6	100KHz	0.046	3.00
NR5040-6R8 □	6.8	100KHz	0.056	2.90
NR5040-8R2 □	8.2	100KHz	0.062	2.70
NR5040-100 □	10	100KHz	0.083	2.35
NR5040-150 □	15	100KHz	0.112	2.00
NR5040-220 □	22	100KHz	0.168	1.60
NR5040-330 □	33	100KHz	0.244	1.30
NR5040-470 □	47	100KHz	0.354	1.10
NR5040-680 □	68	100KHz	0.520	0.90
NR5040-101 □	100	100KHz	0.728	0.75
NR5040-151 □	150	100KHz	0.975	0.65
NR5040-102 □	1000	100KHz	7.800	0.21

CORE MASTER ENTERPRISE CO., LTD.



<http://www.coremaster.com.tw>