

SHIELDED SMD POWER INDUCTORS / NR TYPE

FEATURES

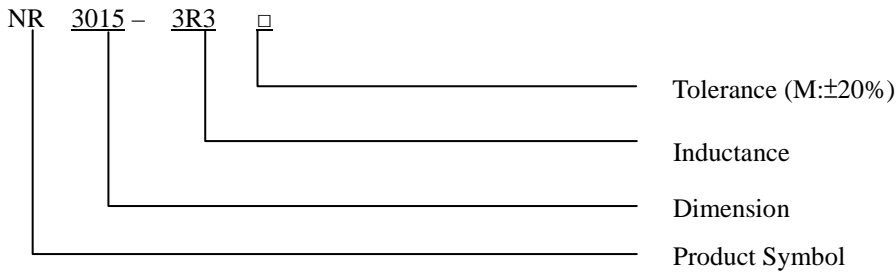
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



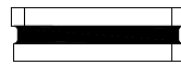
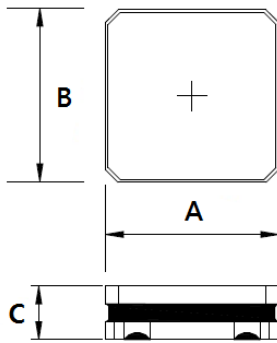
APPLICATIONS

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

ORDERING CODE

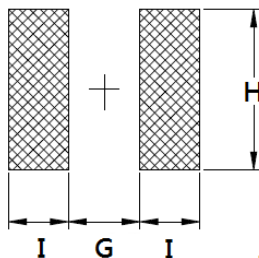
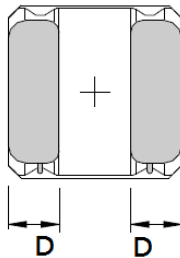


DIMENSIONS (UNIT: mm)



A	3.0 ± 0.1	m/m
B	3.0 ± 0.1	m/m
C	1.5 (MAX)	m/m
D	0.9 (REF)	m/m
G	1.4 (REF)	m/m
H	2.7 (REF)	m/m
I	0.8 (REF)	m/m

Recommended Land Pattern



UNIT: mm

CORE MASTER ENTERPRISE CO., LTD.

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



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ELECTRICAL CHARACTERISTICS FOR NR3015

Part No.	Inductance (μ H)	Test Frequency	RDC (Ω)	IDC (A)
NR3015-1R0 □	1.0	1MHz	0.048	2.100
NR3015-1R5 □	1.5	1MHz	0.066	1.800
NR3015-2R2 □	2.2	1MHz	0.072	1.480
NR3015-3R3 □	3.3	1MHz	0.112	1.210
NR3015-4R7 □	4.7	1MHz	0.136	1.008
NR3015-6R8 □	6.8	1MHz	0.211	0.900
NR3015-100 □	10	1MHz	0.276	0.750
NR3015-150 □	15	1MHz	0.422	0.580
NR3015-220 □	22	1MHz	0.622	0.470
NR3015-330 □	33	1MHz	0.959	0.390
NR3015-470 □	47	1MHz	1.406	0.320
NR3015-101 □	100	1MHz	2.920	0.230