

SHIELDED SMD POWER INDUCTORS / NR TYPE

FEATURES

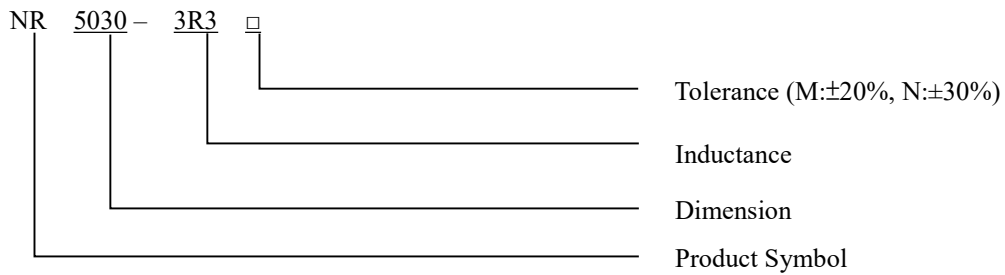
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



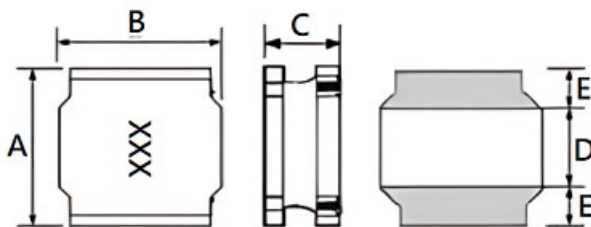
APPLICATIONS

- ◆ Industrial modules.
- ◆ DC/DC converters, etc.
- ◆ Various categories of consumer electronics.

ORDERING CODE



DIMENSIONS (UNIT: mm)



A	5.0 ± 0.2	m/m
B	5.0 ± 0.2	m/m
C	3.2 (MAX)	m/m
D	2.30 (REF)	m/m
E	1.35 (REF)	m/m



CORE MASTER ENTERPRISE CO., LTD.

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

SHIELDED SMD POWER INDUCTORS / NR TYPE

ELECTRICAL CHARACTERISTICS FOR NR5030

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR5030-R47 □	0.47	100KHz	0.013	8.00
NR5030-R56 □	0.56	100KHz	0.015	7.50
NR5030-1R0 □	1.00	100KHz	0.020	7.00
NR5030-1R5 □	1.50	100KHz	0.024	5.50
NR5030-2R2 □	2.20	100KHz	0.031	4.50
NR5030-3R3 □	3.30	100KHz	0.039	4.00
NR5030-4R7 □	4.70	100KHz	0.065	3.00
NR5030-5R6 □	5.60	100KHz	0.070	2.90
NR5030-6R8 □	6.80	100KHz	0.075	2.80
NR5030-100 □	10	100KHz	0.100	2.10
NR5030-120 □	12	100KHz	0.112	2.00
NR5030-150 □	15	100KHz	0.156	1.70
NR5030-220 □	22	100KHz	0.260	1.40
NR5030-330 □	33	100KHz	0.351	1.20
NR5030-470 □	47	100KHz	0.468	0.90
NR5030-680 □	68	100KHz	0.611	0.77
NR5030-101 □	100	100KHz	0.988	0.75
NR5030-151 □	150	100KHz	1.470	0.55
NR5030-181 □	180	100KHz	1.820	0.48
NR5030-221 □	220	100KHz	2.080	0.45
NR5030-331 □	330	100KHz	3.500	0.35
NR5030-391 □	390	100KHz	3.770	0.33
NR5030-471 □	470	100KHz	4.700	0.30
NR5030-681 □	680	100KHz	6.500	0.24
NR5030-102 □	1000	100KHz	10.800	0.20
NR5030-152 □	1500	100KHz	16.900	0.17



CORE MASTER ENTERPRISE CO., LTD.

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