

SHIELDED SMD POWER INDUCTORS / NR TYPE

FEATURES

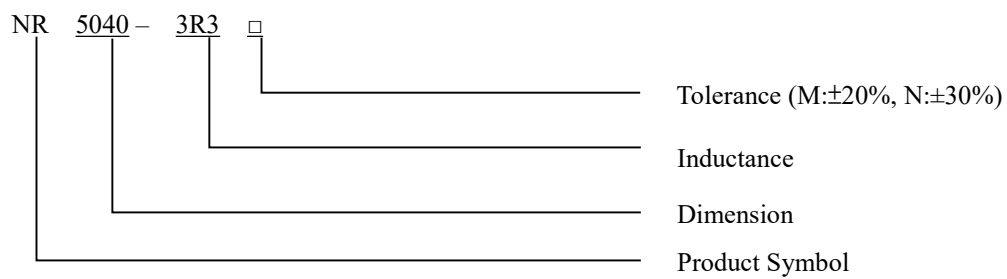
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



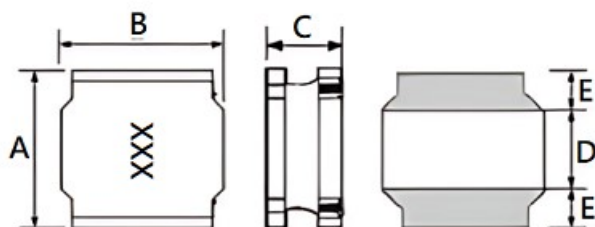
APPLICATIONS

- ◆ 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	4.2 (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 NR5040

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR5040-1R0 □	1.0	100KHz	0.017	7.35
NR5040-1R5 □	1.5	100KHz	0.023	6.30
NR5040-2R2 □	2.2	100KHz	0.025	4.90
NR5040-3R3 □	3.3	100KHz	0.031	3.95
NR5040-4R7 □	4.7	100KHz	0.042	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
NR5040-560 □	56	100KHz	0.494	1.00
NR5040-680 □	68	100KHz	0.520	0.90
NR5040-101 □	100	100KHz	0.728	0.75
NR5040-151 □	150	100KHz	0.975	0.65
NR5040-181 □	180	100KHz	1.690	0.60
NR5040-201 □	200	100KHz	1.760	0.55
NR5040-221 □	220	100KHz	1.820	0.48
NR5040-331 □	330	100KHz	2.730	0.42
NR5040-471 □	470	100KHz	3.900	0.37
NR5040-561 □	560	100KHz	4.920	0.33
NR5040-681 □	680	100KHz	5.070	0.30
NR5040-102 □	1000	100KHz	7.800	0.25
NR5040-152 □	1500	100KHz	13.300	0.20



CORE MASTER ENTERPRISE CO., LTD.

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