

SHIELDED SMD POWER INDUCTORS / NR TYPE

FEATURES

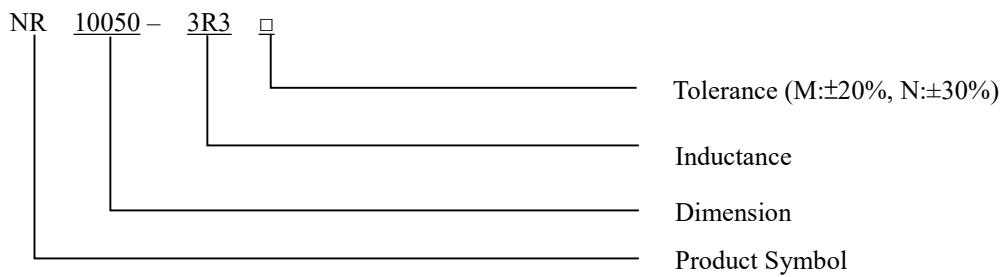
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



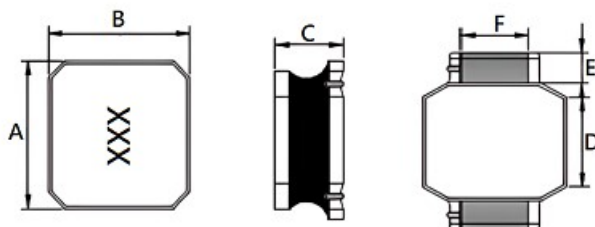
APPLICATIONS

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

ORDERING CODE



DIMENSIONS (UNIT: mm)



A	10.0 ± 0.3	m/m
B	10.0 ± 0.3	m/m
C	5.3 (MAX)	m/m
D	6.4 (REF)	m/m
E	1.8 (REF)	m/m
F	4.2 (REF)	m/m



CORE MASTER ENTERPRISE CO., LTD.

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ELECTRICAL CHARACTERISTICS FOR NR10050

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR10050-1R0 □	1.0	100KHz	0.018	14.20
NR10050-1R5 □	1.5	100KHz	0.020	12.80
NR10050-2R2 □	2.2	100KHz	0.025	12.10
NR10050-3R3 □	3.3	100KHz	0.027	11.20
NR10050-4R7 □	4.7	100KHz	0.030	10.30
NR10050-6R8 □	6.8	100KHz	0.037	9.00
NR10050-8R2 □	8.2	100KHz	0.040	8.50
NR10050-100 □	10	100KHz	0.048	7.20
NR10050-150 □	15	100KHz	0.059	6.00
NR10050-220 □	22	100KHz	0.085	4.30
NR10050-330 □	33	100KHz	0.104	4.00
NR10050-470 □	47	100KHz	0.163	3.30
NR10050-560 □	56	100KHz	0.201	3.10
NR10050-680 □	68	100KHz	0.235	3.00
NR10050-101 □	100	100KHz	0.338	2.50
NR10050-151 □	150	100KHz	0.438	2.00
NR10050-221 □	220	100KHz	0.675	1.80
NR10050-301 □	300	100KHz	0.975	1.45
NR10050-331 □	330	100KHz	1.100	1.40
NR10050-471 □	470	100KHz	1.430	1.20
NR10050-561 □	560	100KHz	1.750	1.10
NR10050-681 □	680	100KHz	1.980	1.00
NR10050-821 □	820	100KHz	2.730	0.90
NR10050-102 □	1000	100KHz	3.420	0.80
NR10050-152 □	1500	100KHz	4.950	0.65
NR10050-202 □	2000	100KHz	6.500	0.55
NR10050-302 □	3000	100KHz	9.100	0.50
NR10050-402 □	4000	100KHz	12.350	0.40
NR10050-153 □	15000	100KHz	48.100	0.23
NR10050-203 □	20000	100KHz	78.000	0.18
NR10050-333 □	33000	100KHz	89.000	0.17



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