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

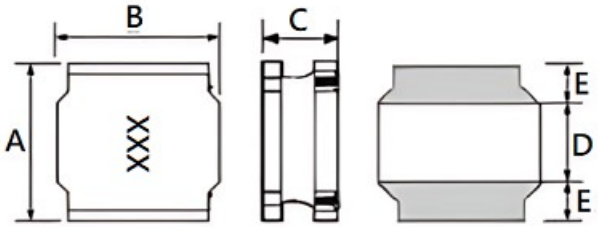
- Industrial modules.
- DC/DC converters, etc.
- Various categories of consumer electronics.

ORDERING CODE

NR 6045 – 3R3 □

- □ — Tolerance (M:±20%, N:±30%)
- 3R3 — Inductance
- 6045 — Dimension
- NR — Product Symbol

DIMENSIONS (UNIT: mm)



A	6.0 ± 0.3	m/m
B	6.0 ± 0.3	m/m
C	4.7 (MAX)	m/m
D	2.40 (REF)	m/m
E	1.85 (REF)	m/m

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ELECTRICAL CHARACTERISTICS FOR NR6045

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR6045-R68 □	0.68	100KHz	0.011	9.50
NR6045-1R0 □	1.00	100KHz	0.014	9.00
NR6045-1R2 □	1.20	100KHz	0.015	8.35
NR6045-1R5 □	1.50	100KHz	0.016	7.50
NR6045-2R2 □	2.20	100KHz	0.022	6.50
NR6045-3R3 □	3.30	100KHz	0.031	5.30
NR6045-3R6 □	3.60	100KHz	0.032	5.00
NR6045-4R7 □	4.70	100KHz	0.034	4.50
NR6045-5R6 □	5.60	100KHz	0.040	3.70
NR6045-6R8 □	6.80	100KHz	0.045	3.30
NR6045-8R2 □	8.20	100KHz	0.055	3.10
NR6045-100 □	10	100KHz	0.067	3.00
NR6045-120 □	12	100KHz	0.075	2.80
NR6045-150 □	15	100KHz	0.100	2.50
NR6045-180 □	18	100KHz	0.122	2.20
NR6045-220 □	22	100KHz	0.149	2.05
NR6045-270 □	27	100KHz	0.165	1.90
NR6045-330 □	33	100KHz	0.195	1.65
NR6045-360 □	36	100KHz	0.225	1.62
NR6045-470 □	47	100KHz	0.286	1.40
NR6045-560 □	56	100KHz	0.338	1.30
NR6045-680 □	68	100KHz	0.377	1.20
NR6045-820 □	82	100KHz	0.495	1.05
NR6045-101 □	100	100KHz	0.559	0.95
NR6045-121 □	120	100KHz	0.629	0.85
NR6045-151 □	150	100KHz	0.884	0.80
NR6045-181 □	180	100KHz	1.150	0.75
NR6045-221 □	220	100KHz	1.290	0.70
NR6045-271 □	270	100KHz	1.370	0.65
NR6045-301 □	300	100KHz	1.760	0.60
NR6045-331 □	330	100KHz	1.850	0.57
NR6045-471 □	470	100KHz	2.570	0.50
NR6045-561 □	560	100KHz	3.250	0.44
NR6045-681 □	680	100KHz	4.070	0.42

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NR6045-801 □	800	100KHz	4.810	0.35
NR6045-102 □	1000	100KHz	5.900	0.32
NR6045-132 □	1300	100KHz	7.020	0.27
NR6045-152 □	1500	100KHz	8.450	0.24
NR6045-202 □	2000	100KHz	12.350	0.22
NR6045-222 □	2200	100KHz	12.480	0.20
NR6045-252 □	2500	100KHz	15.470	0.19
NR6045-302 □	3000	100KHz	19.500	0.18
NR6045-332 □	3300	100KHz	21.500	0.17
NR6045-472 □	4700	100KHz	27.300	0.15
NR6045-103 □	10000	100KHz	53.700	0.10