

SHIELDED SMD POWER INDUCTORS / NR TYPE

FEATURES

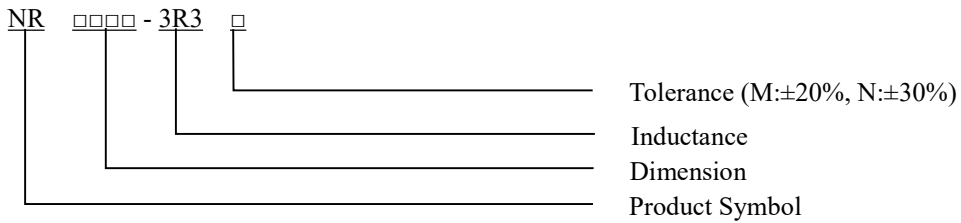
- ◆ Low profile construction and miniature size
- ◆ Magnetic shielded construction
- ◆ High current saturation
- ◆ For new generation portable product D/D converter unit.



APPLICATIONS

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

ORDERING CODE



SHAPES

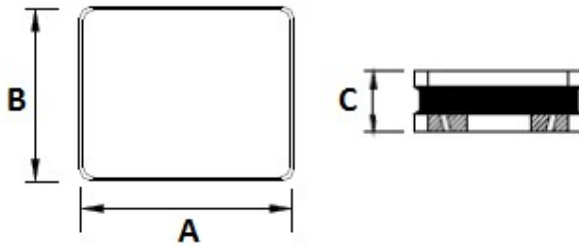


Fig.1

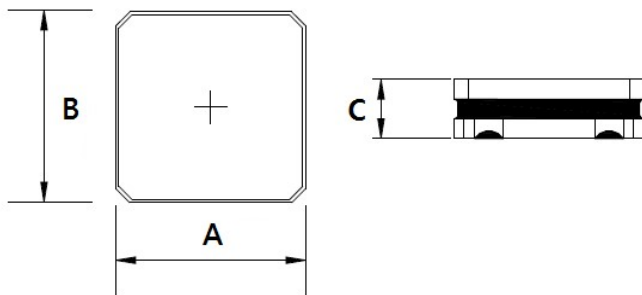


Fig.2

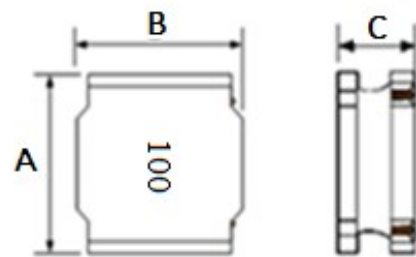


Fig.3



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DIMENSIONS (UNIT: mm)

Part No.	Fig.	A	B	C (MAX)
NR 2010	1	2.0 ± 0.2	1.6 ± 0.2	1.1
NR 2508	1	2.5 ± 0.2	2.0 ± 0.2	0.8
NR 2512	1	2.5 ± 0.2	2.0 ± 0.2	1.2
NR 3010	2	3.0 ± 0.2	3.0 ± 0.2	1.0
NR 3015	2	3.0 ± 0.2	3.0 ± 0.2	1.5
NR 4010	3	4.0 ± 0.2	4.0 ± 0.2	1.0
NR 4018	3	4.0 ± 0.2	4.0 ± 0.2	1.8
NR 4020	3	4.0 ± 0.2	4.0 ± 0.2	2.1
NR 4026	3	4.0 ± 0.2	4.0 ± 0.2	2.8
NR 4030	3	4.0 ± 0.2	4.0 ± 0.2	3.0
NR 5012	3	5.0 ± 0.2	5.0 ± 0.2	1.3
NR 5020	3	5.0 ± 0.2	5.0 ± 0.2	2.0
NR 5030	3	5.0 ± 0.2	5.0 ± 0.2	3.2
NR 5040	3	5.0 ± 0.2	5.0 ± 0.2	4.2
NR 6012	3	6.0 ± 0.3	6.0 ± 0.3	1.2
NR 6020	3	6.0 ± 0.3	6.0 ± 0.3	2.0
NR 6028	3	6.0 ± 0.3	6.0 ± 0.3	3.0
NR 6045	3	6.0 ± 0.3	6.0 ± 0.3	4.5
NR 6060	3	6.0 ± 0.3	6.0 ± 0.3	6.3
NR 8030	3	8.0 ± 0.3	8.0 ± 0.3	3.0
NR 8040	3	8.0 ± 0.3	8.0 ± 0.3	4.2
NR 8050	3	8.0 ± 0.3	8.0 ± 0.3	5.2
NR 8060	3	8.0 ± 0.3	8.0 ± 0.3	6.0
NR 8065	3	8.0 ± 0.3	8.0 ± 0.3	6.5
NR 10050	3	10.0 ± 0.3	10.0 ± 0.3	5.3
NR 10060	3	10.0 ± 0.3	10.0 ± 0.3	6.3



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ELECTRICAL CHARACTERISTICS FOR NR2010

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR2010-R24 □	0.24	1MHz	0.040	3.70
NR2010-R33 □	0.33	1MHz	0.048	3.00
NR2010-R47 □	0.47	1MHz	0.060	2.30
NR2010-R68 □	0.68	1MHz	0.076	1.95
NR2010-1R0 □	1.00	1MHz	0.114	1.65
NR2010-1R5 □	1.50	1MHz	0.174	1.35
NR2010-2R2 □	2.20	1MHz	0.265	1.20
NR2010-3R3 □	3.30	1MHz	0.345	1.00
NR2010-4R7 □	4.70	1MHz	0.480	0.75
NR2010-6R8 □	6.80	1MHz	0.940	0.68
NR2010-8R2 □	8.20	1MHz	0.800	0.65
NR2010-100 □	10	1MHz	1.000	0.60
NR2010-150 □	15	1MHz	1.700	0.50
NR2010-220 □	22	1MHz	2.000	0.32

ELECTRICAL CHARACTERISTICS FOR NR2508

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR2508-R47 □	0.47	1MHz	0.140	1.80
NR2508-1R0 □	1.00	1MHz	0.219	1.35
NR2508-1R5 □	1.50	1MHz	0.248	1.10
NR2508-2R2 □	2.20	1MHz	0.290	0.86
NR2508-3R3 □	3.30	1MHz	0.416	0.82
NR2508-4R7 □	4.70	1MHz	0.580	0.68
NR2508-6R8 □	6.80	1MHz	0.818	0.55
NR2508-100 □	10	1MHz	1.232	0.48

ELECTRICAL CHARACTERISTICS FOR NR2512

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR2512-R47 □	0.47	1MHz	0.028	3.50
NR2512-1R0 □	1.00	1MHz	0.043	2.45
NR2512-1R5 □	1.50	1MHz	0.070	2.07
NR2512-2R2 □	2.20	1MHz	0.088	1.95
NR2512-3R3 □	3.30	1MHz	0.130	1.60
NR2512-4R7 □	4.70	1MHz	0.180	1.40
NR2512-6R8 □	6.80	1MHz	0.320	1.04
NR2512-100 □	10	1MHz	0.350	0.77



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ELECTRICAL CHARACTERISTICS FOR NR3010

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR3010-1R0 □	1.00	1MHz	0.078	1.70
NR3010-1R5 □	1.50	1MHz	0.096	1.40
NR3010-2R2 □	2.20	1MHz	0.114	1.25
NR3010-3R3 □	3.30	1MHz	0.192	0.90
NR3010-4R7 □	4.70	1MHz	0.228	0.85
NR3010-6R8 □	6.80	1MHz	0.360	0.66
NR3010-100 □	10	1MHz	0.540	0.53
NR3010-150 □	15	1MHz	0.888	0.42
NR3010-220 □	22	1MHz	1.176	0.36
NR3010-330 □	33	1MHz	1.860	0.28
NR3010-470 □	47	1MHz	2.400	0.24

ELECTRICAL CHARACTERISTICS FOR NR3015

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR3015-1R0 □	1.00	1MHz	0.048	2.10
NR3015-1R5 □	1.50	1MHz	0.066	1.80
NR3015-2R2 □	2.20	1MHz	0.072	1.48
NR3015-3R3 □	3.30	1MHz	0.112	1.21
NR3015-4R7 □	4.70	1MHz	0.136	1.00
NR3015-6R8 □	6.80	1MHz	0.211	0.90
NR3015-100 □	10	1MHz	0.276	0.75
NR3015-150 □	15	1MHz	0.422	0.58
NR3015-220 □	22	1MHz	0.622	0.47
NR3015-330 □	33	1MHz	0.959	0.39
NR3015-470 □	47	1MHz	1.406	0.32
NR3015-101 □	100	1MHz	2.920	0.23

ELECTRICAL CHARACTERISTICS FOR NR4010

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR4010-1R0 □	1.0	100KHz	0.067	2.00
NR4010-2R2 □	2.2	100KHz	0.102	1.20
NR4010-3R3 □	3.3	100KHz	0.120	1.10
NR4010-4R7 □	4.7	100KHz	0.168	0.95
NR4010-6R8 □	6.8	100KHz	0.240	0.80
NR4010-100 □	10	100KHz	0.360	0.62
NR4010-150 □	15	100KHz	0.516	0.54
NR4010-220 □	22	100KHz	0.684	0.45



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ELECTRICAL CHARACTERISTICS FOR NR4018

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR4018-1R0 □	1.0	100KHz	0.033	4.80
NR4018-2R2 □	2.2	100KHz	0.059	2.70
NR4018-3R3 □	3.3	100KHz	0.091	2.45
NR4018-4R7 □	4.7	100KHz	0.117	1.70
NR4018-6R8 □	6.8	100KHz	0.143	1.45
NR4018-100 □	10	100KHz	0.234	1.30
NR4018-150 □	15	100KHz	0.325	0.94
NR4018-220 □	22	100KHz	0.468	0.80
NR4018-330 □	33	100KHz	0.689	0.65
NR4018-470 □	47	100KHz	0.845	0.57
NR4018-680 □	68	100KHz	1.300	0.47
NR4018-101 □	100	100KHz	2.275	0.40
NR4018-151 □	150	100KHz	3.250	0.31
NR4018-221 □	220	100KHz	5.200	0.27

ELECTRICAL CHARACTERISTICS FOR NR4020

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR4020-1R0 □	1.0	100KHz	0.038	4.78
NR4020-1R5 □	1.5	100KHz	0.046	4.45
NR4020-2R2 □	2.2	100KHz	0.052	3.40
NR4020-3R3 □	3.3	100KHz	0.091	3.20
NR4020-4R7 □	4.7	100KHz	0.098	2.35
NR4020-5R6 □	5.6	100KHz	0.117	2.20
NR4020-6R8 □	6.8	100KHz	0.163	2.00
NR4020-8R2 □	8.2	100KHz	0.185	1.75
NR4020-100 □	10	100KHz	0.215	1.60
NR4020-150 □	15	100KHz	0.299	1.35
NR4020-220 □	22	100KHz	0.455	1.05
NR4020-330 □	33	100KHz	0.715	0.85
NR4020-470 □	47	100KHz	0.923	0.74
NR4020-560 □	56	100KHz	1.040	0.66
NR4020-680 □	68	100KHz	1.380	0.61
NR4020-820 □	82	100KHz	1.520	0.50
NR4020-101 □	100	100KHz	2.020	0.48



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ELECTRICAL CHARACTERISTICS FOR NR4026

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR4026-1R0 □	1.0	100KHz	0.033	3.30
NR4026-1R2 □	1.2	100KHz	0.039	3.10
NR4026-1R5 □	1.5	100KHz	0.048	2.40
NR4026-2R2 □	2.2	100KHz	0.052	2.10
NR4026-3R3 □	3.3	100KHz	0.065	1.80
NR4026-4R7 □	4.7	100KHz	0.072	1.60
NR4026-6R8 □	6.8	100KHz	0.085	1.30
NR4026-100 □	10	100KHz	0.170	1.00
NR4026-150 □	15	100KHz	0.250	0.90
NR4026-220 □	22	100KHz	0.330	0.60
NR4026-330 □	33	100KHz	0.480	0.50

ELECTRICAL CHARACTERISTICS FOR NR4030

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR4030-1R0 □	1.0	100KHz	0.018	5.26
NR4030-1R5 □	1.5	100KHz	0.026	4.84
NR4030-2R2 □	2.2	100KHz	0.039	4.50
NR4030-3R3 □	3.3	100KHz	0.052	3.30
NR4030-4R7 □	4.7	100KHz	0.078	2.90
NR4030-5R6 □	5.6	100KHz	0.085	2.60
NR4030-6R8 □	6.8	100KHz	0.100	2.40
NR4030-8R2 □	8.2	100KHz	0.117	2.10
NR4030-100 □	10	100KHz	0.130	1.95
NR4030-150 □	15	100KHz	0.247	1.65
NR4030-220 □	22	100KHz	0.292	1.30
NR4030-330 □	33	100KHz	0.429	1.10
NR4030-470 □	47	100KHz	0.579	0.95
NR4030-560 □	56	100KHz	0.722	0.85
NR4030-680 □	68	100KHz	1.128	0.72
NR4030-820 □	82	100KHz	1.378	0.66
NR4030-101 □	100	100KHz	1.495	0.60
NR4030-151 □	150	100KHz	2.340	0.50
NR4030-221 □	220	100KHz	3.250	0.40
NR4030-331 □	330	100KHz	5.200	0.30
NR4030-471 □	470	100KHz	9.360	0.25
NR4030-681 □	680	100KHz	9.854	0.19



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ELECTRICAL CHARACTERISTICS FOR NR5012

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR5012-1R0 □	1.0	100KHz	0.068	4.40
NR5012-1R5 □	1.5	100KHz	0.086	3.70
NR5012-2R2 □	2.2	100KHz	0.108	3.10
NR5012-3R3 □	3.3	100KHz	0.151	2.40
NR5012-4R7 □	4.7	100KHz	0.197	2.20
NR5012-6R8 □	6.8	100KHz	0.294	1.70
NR5012-100 □	10	100KHz	0.413	1.40
NR5012-150 □	15	100KHz	0.523	1.20
NR5012-220 □	22	100KHz	0.858	0.88

ELECTRICAL CHARACTERISTICS FOR NR5020

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR5020-1R0 □	1.0	100KHz	0.026	4.10
NR5020-1R5 □	1.5	100KHz	0.034	4.00
NR5020-2R2 □	2.2	100KHz	0.042	3.80
NR5020-2R7 □	2.7	100KHz	0.049	2.90
NR5020-3R3 □	3.3	100KHz	0.056	2.55
NR5020-3R9 □	3.9	100KHz	0.056	2.30
NR5020-4R7 □	4.7	100KHz	0.074	2.50
NR5020-5R6 □	5.6	100KHz	0.083	2.30
NR5020-6R8 □	6.8	100KHz	0.108	2.05
NR5020-8R2 □	8.2	100KHz	0.127	1.85
NR5020-100 □	10	100KHz	0.143	1.70
NR5020-120 □	12	100KHz	0.182	1.50
NR5020-150 □	15	100KHz	0.215	1.35
NR5020-180 □	18	100KHz	0.260	1.25
NR5020-220 □	22	100KHz	0.294	1.15
NR5020-330 □	33	100KHz	0.507	0.92
NR5020-470 □	47	100KHz	0.680	0.85
NR5020-560 □	56	100KHz	0.819	0.77
NR5020-680 □	68	100KHz	0.962	0.65
NR5020-820 □	82	100KHz	1.158	0.59
NR5020-101 □	100	100KHz	1.430	0.53
NR5020-121 □	120	100KHz	1.755	0.42
NR5020-681 □	680	100KHz	10.40	0.22
NR5020-821 □	820	100KHz	11.70	0.20



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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	0.013	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	3.00
NR5030-6R8 □	6.80	100KHz	0.075	2.80
NR5030-100 □	10	100KHz	0.100	2.10
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
NR5030-101 □	100	100KHz	0.988	0.75
NR5030-151 □	150	100KHz	1.470	0.55
NR5030-221 □	220	100KHz	2.080	0.45
NR5030-331 □	330	100KHz	3.500	0.35
NR5030-471 □	470	100KHz	4.700	0.30
NR5030-102 □	1000	100KHz	10.800	0.20

ELECTRICAL CHARACTERISTICS FOR NR5040

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR5040-1R0 □	1.0	100KHz	0.016	7.35
NR5040-1R5 □	1.5	100KHz	0.020	6.30
NR5040-1R8 □	1.8	100KHz	0.021	5.50
NR5040-2R2 □	2.2	100KHz	0.025	4.90
NR5040-3R3 □	3.3	100KHz	0.031	3.95
NR5040-4R7 □	4.7	100KHz	0.039	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
NR5040-680 □	68	100KHz	0.520	0.90
NR5040-101 □	100	100KHz	0.728	0.75
NR5040-151 □	150	100KHz	0.975	0.65
NR5040-102 □	1000	100KHz	7.800	0.21



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ELECTRICAL CHARACTERISTICS FOR NR6012

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR6012-1R0 □	1.0	100KHz	0.060	3.00
NR6012-1R5 □	1.5	100KHz	0.080	2.60
NR6012-2R2 □	2.2	100KHz	0.108	2.10
NR6012-3R3 □	3.3	100KHz	0.126	1.80
NR6012-4R7 □	4.7	100KHz	0.150	1.60
NR6012-6R8 □	6.8	100KHz	0.198	1.30
NR6012-100 □	10	100KHz	0.240	1.00
NR6012-150 □	15	100KHz	0.354	0.80
NR6012-220 □	22	100KHz	0.558	0.76
NR6012-330 □	33	100KHz	0.696	0.59
NR6012-470 □	47	100KHz	1.158	0.52
NR6012-680 □	68	100KHz	1.392	0.44
NR6012-101 □	100	100KHz	2.004	0.35

ELECTRICAL CHARACTERISTICS FOR NR6020

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR6020-1R5 □	1.5	100KHz	0.031	4.30
NR6020-2R2 □	2.2	100KHz	0.041	3.20
NR6020-3R3 □	3.3	100KHz	0.048	2.80
NR6020-4R7 □	4.7	100KHz	0.070	2.40
NR6020-6R8 □	6.8	100KHz	0.102	2.00
NR6020-100 □	10	100KHz	0.150	1.90
NR6020-220 □	22	100KHz	0.348	1.25

ELECTRICAL CHARACTERISTICS FOR NR6028

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR6028-0R9 □	0.9	100KHz	0.017	6.70
NR6028-1R5 □	1.5	100KHz	0.021	5.10
NR6028-2R2 □	2.2	100KHz	0.026	4.20
NR6028-4R7 □	4.7	100KHz	0.040	2.70
NR6028-6R8 □	6.8	100KHz	0.056	2.50
NR6028-100 □	10	100KHz	0.085	1.90
NR6028-150 □	15	100KHz	0.124	1.60
NR6028-220 □	22	100KHz	0.176	1.30
NR6028-330 □	33	100KHz	0.286	1.10
NR6028-470 □	47	100KHz	0.390	1.00
NR6028-680 □	68	100KHz	0.546	0.80
NR6028-101 □	100	100KHz	0.780	0.65



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ELECTRICAL CHARACTERISTICS FOR NR6045

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR6045-1R0 □	1.0	100KHz	0.013	12.20
NR6045-1R5 □	1.5	100KHz	0.020	9.60
NR6045-1R8 □	1.8	100KHz	0.021	8.64
NR6045-2R2 □	2.2	100KHz	0.025	7.92
NR6045-3R3 □	3.3	100KHz	0.032	6.75
NR6045-4R7 □	4.7	100KHz	0.041	6.03
NR6045-5R6 □	5.6	100KHz	0.052	4.95
NR6045-6R8 □	6.8	100KHz	0.058	4.77
NR6045-8R2 □	8.2	100KHz	0.069	4.10
NR6045-100 □	10	100KHz	0.070	4.05
NR6045-150 □	15	100KHz	0.104	3.06
NR6045-220 □	22	100KHz	0.116	2.05
NR6045-330 □	33	100KHz	0.179	1.65
NR6045-470 □	47	100KHz	0.288	1.40
NR6045-680 □	68	100KHz	0.429	1.25
NR6045-101 □	100	100KHz	0.650	1.17
NR6045-121 □	120	100KHz	0.730	0.85
NR6045-151 □	150	100KHz	0.854	0.70
NR6045-221 □	220	100KHz	1.690	0.60
NR6045-331 □	330	100KHz	2.340	0.50
NR6045-471 □	470	100KHz	2.847	0.40
NR6045-681 □	680	100KHz	3.550	0.33
NR6045-102 □	1000	100KHz	6.218	0.30
NR6045-152 □	1500	100KHz	9.025	0.20

ELECTRICAL CHARACTERISTICS FOR NR6060

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR6060-1R0 □	1.0	100KHz	0.010	10.00
NR6060-2R2 □	2.2	100KHz	0.020	8.80
NR6060-3R3 □	3.3	100KHz	0.025	7.50
NR6060-4R7 □	4.7	100KHz	0.033	6.80
NR6060-6R8 □	6.8	100KHz	0.040	5.90
NR6060-100 □	10	100KHz	0.072	4.60
NR6060-150 □	15	100KHz	0.098	3.80
NR6060-220 □	22	100KHz	0.111	3.40
NR6060-330 □	33	100KHz	0.156	2.80



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ELECTRICAL CHARACTERISTICS FOR NR8030

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR8030-1R0 □	1	100KHz	0.020	8.80
NR8030-220 □	22	100KHz	0.117	1.85
NR8030-331 □	330	100KHz	1.560	0.50
NR8030-471 □	470	100KHz	2.171	0.37
NR8030-681 □	680	100KHz	3.120	0.35

ELECTRICAL CHARACTERISTICS FOR NR8040

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR8040-R47 □	0.47	100KHz	0.007	12.00
NR8040-R68 □	0.68	100KHz	0.011	10.00
NR8040-R82 □	0.82	100KHz	0.012	9.80
NR8040-1R0 □	1.00	100KHz	0.013	9.80
NR8040-1R5 □	1.50	100KHz	0.014	7.70
NR8040-2R2 □	2.20	100KHz	0.016	7.10
NR8040-3R3 □	3.30	100KHz	0.022	6.50
NR8040-4R7 □	4.70	100KHz	0.026	5.90
NR8040-5R6 □	5.60	100KHz	0.031	5.50
NR8040-6R8 □	6.80	100KHz	0.036	4.50
NR8040-8R2 □	8.20	100KHz	0.046	4.20
NR8040-100 □	10	100KHz	0.049	3.60
NR8040-120 □	12	100KHz	0.065	3.40
NR8040-150 □	15	100KHz	0.073	2.90
NR8040-220 □	22	100KHz	0.096	2.40
NR8040-330 □	33	100KHz	0.143	2.00
NR8040-470 □	47	100KHz	0.177	1.70
NR8040-560 □	56	100KHz	0.230	1.60
NR8040-680 □	68	100KHz	0.255	1.40
NR8040-820 □	82	100KHz	0.345	1.30
NR8040-101 □	100	100KHz	0.384	1.15
NR8040-121 □	120	100KHz	0.553	1.10
NR8040-151 □	150	100KHz	0.624	1.05
NR8040-221 □	220	100KHz	0.858	0.85
NR8040-331 □	330	100KHz	1.261	0.68
NR8040-471 □	470	100KHz	1.625	0.60
NR8040-561 □	560	100KHz	2.210	0.55
NR8040-681 □	680	100KHz	2.670	0.52
NR8040-821 □	820	100KHz	3.640	0.45
NR8040-102 □	1000	100KHz	3.800	0.40
NR8040-122 □	1200	100KHz	4.680	0.37
NR8040-132 □	1300	100KHz	5.330	0.36
NR8040-152 □	1500	100KHz	6.540	0.35



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ELECTRICAL CHARACTERISTICS FOR NR8040

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR8040-202 □	2000	100KHz	8.710	0.30
NR8040-222 □	2200	100KHz	9.960	0.27
NR8040-272 □	2700	100KHz	11.960	0.25
NR8040-402 □	4000	100KHz	19.200	0.22
NR8040-472 □	4700	100KHz	20.800	0.21
NR8040-502 □	5000	100KHz	22.400	0.15
NR8040-103 □	10000	100KHz	54.600	0.12

ELECTRICAL CHARACTERISTICS FOR NR8050

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR8050-4R7 □	4.7	100KHz	0.039	9.50
NR8050-220 □	22	100KHz	0.120	4.00
NR8050-680 □	68	100KHz	0.255	1.55
NR8050-820 □	82	100KHz	0.305	1.40
NR8050-151 □	150	100KHz	0.585	1.20
NR8050-102 □	1000	100KHz	5.000	0.42

ELECTRICAL CHARACTERISTICS FOR NR8060

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR8060-2R2 □	2.2	100KHz	0.022	8.00
NR8060-3R3 □	3.3	100KHz	0.025	7.50
NR8060-4R7 □	4.7	100KHz	0.032	7.00
NR8060-6R8 □	6.8	100KHz	0.037	5.90
NR8060-100 □	10	100KHz	0.042	5.80
NR8060-150 □	15	100KHz	0.071	4.50
NR8060-220 □	22	100KHz	0.100	3.80
NR8060-330 □	33	100KHz	0.162	3.00
NR8060-470 □	47	100KHz	0.188	2.50
NR8060-680 □	68	100KHz	0.248	2.00
NR8060-101 □	100	100KHz	0.380	1.70
NR8060-151 □	150	100KHz	0.546	1.40
NR8060-221 □	220	100KHz	0.884	1.20
NR8060-331 □	330	100KHz	1.260	1.05
NR8060-471 □	470	100KHz	1.760	0.90
NR8060-561 □	560	100KHz	2.080	0.85
NR8060-681 □	680	100KHz	2.800	0.80
NR8060-821 □	820	100KHz	3.400	0.68
NR8060-102 □	1000	100KHz	3.870	0.60
NR8060-122 □	1200	100KHz	4.290	0.52
NR8060-182 □	1800	100KHz	6.370	0.41
NR8060-222 □	2200	100KHz	7.600	0.36



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ELECTRICAL CHARACTERISTICS FOR NR8065

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR8065-R68 □	0.68	100KHz	0.012	20.00
NR8065-1R0 □	1.00	100KHz	0.015	10.00
NR8065-2R2 □	2.20	100KHz	0.018	10.00
NR8065-3R3 □	3.30	100KHz	0.022	10.00
NR8065-4R7 □	4.70	100KHz	0.025	9.00
NR8065-5R6 □	5.60	100KHz	0.027	8.30
NR8065-6R8 □	6.80	100KHz	0.029	7.50
NR8065-8R2 □	8.20	100KHz	0.039	6.50
NR8065-100 □	10	100KHz	0.060	6.00
NR8065-150 □	15	100KHz	0.064	5.00
NR8065-220 □	22	100KHz	0.082	4.00
NR8065-330 □	33	100KHz	0.110	3.40
NR8065-470 □	47	100KHz	0.163	2.80
NR8065-560 □	56	100KHz	0.195	2.60
NR8065-680 □	68	100KHz	0.234	2.25
NR8065-820 □	82	100KHz	0.286	2.10
NR8065-101 □	100	100KHz	0.338	1.80
NR8065-151 □	150	100KHz	0.533	1.50
NR8065-221 □	220	100KHz	0.715	1.25
NR8065-331 □	330	100KHz	1.080	1.10
NR8065-471 □	470	100KHz	1.560	0.87
NR8065-681 □	680	100KHz	2.210	0.75
NR8065-102 □	1000	100KHz	3.250	0.62
NR8065-152 □	1500	100KHz	4.680	0.50
NR8065-202 □	2000	100KHz	6.370	0.40
NR8065-222 □	2200	100KHz	6.630	0.38
NR8065-302 □	3000	100KHz	10.400	0.35
NR8065-332 □	3300	100KHz	11.050	0.30



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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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ELECTRICAL CHARACTERISTICS FOR NR10060

Part No.	Inductance (uH)	Test Frequency	RDC (Ω)	IDC (A)
NR10060-100 □	10	100KHz	0.042	8.00
NR10060-101 □	100	100KHz	0.273	2.80
NR10060-151 □	150	100KHz	0.364	2.30
NR10060-221 □	220	100KHz	0.494	1.90
NR10060-391 □	390	100KHz	0.988	1.50
NR10060-102 □	1000	100KHz	3.120	0.85
NR10060-903 □	90000	100KHz	208.000	0.08



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