

NR Series Power Inductors

NR系列磁胶功率电感器



FEATURES 特性

- 表面贴装型式
- 抗干扰性强

APPLICATIONS 用途

- 适用于电子设备中直流对直流转换，平滑作用

SHAPE AND DIMENSIONS 外形尺寸

Fig1

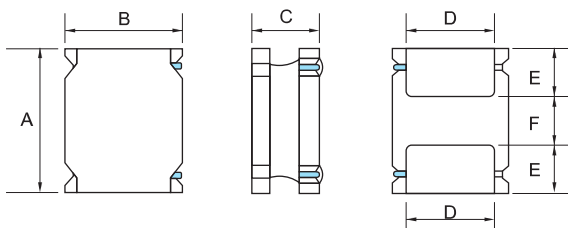


Fig2

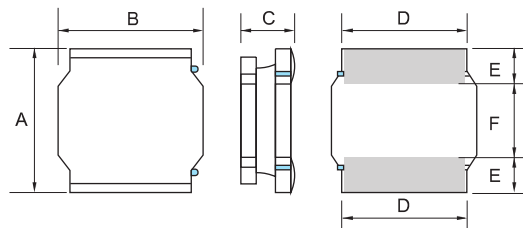
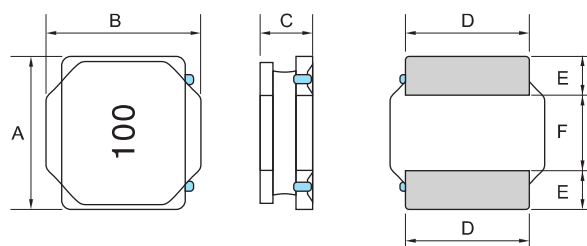
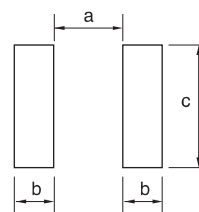


Fig3



Recommended Land Pattern



	252010	252012	3010	3012	3015	4010	4012	4018	4020	4026
(LxWxH)[mm]	2.5x2.0x1.0	2.5x2.0x1.2	3.0x3.0x1.0	3.0x3.0x1.2	3.0x3.0x1.5	4.0x4.0x1.0	4.0x4.0x1.2	4.0x4.0x1.8	4.0x4.0x2.0	4.0x4.0x2.6
External Dimensions (LxWxH)[mm]	4030	5012	5020	5040	6020	6028	6040	6045	8040	8065
	4.0x4.0x3.0	5.0x5.0x1.2	5.0x5.0x2.0	5.0x5.0x4.0	6.0x6.0x2.0	6.0x6.0x2.8	6.0x6.0x4.0	6.0x6.0x4.5	8.0x8.0x4.0	8.0x8.0x6.5

Unit:mm

Series	Shape	A	B	C	D	E	F	a Typ.	b Typ.	c Typ.
NR252010	Fig.1	2.5±0.1	2.0±0.1	1.0 Max.	1.5±0.2	0.80±0.2	0.80±0.2	0.80	0.85	2.0
NR252012	Fig.1	2.5±0.1	2.0±0.1	1.2 Max.	1.5±0.2	0.80±0.2	0.80±0.2	0.80	0.85	2.0
NR3010	Fig.2	3.0±0.2	3.0±0.2	1.0 Max.	2.5±0.2	0.75±0.2	1.5±0.2	1.5	0.8	2.7
NR3012	Fig.2	3.0±0.2	3.0±0.2	1.2 Max.	2.5±0.2	0.75±0.2	1.5±0.2	1.5	0.8	2.7
NR3015	Fig.2	3.0±0.2	3.0±0.2	1.5 Max.	2.5±0.2	0.75±0.2	1.5±0.2	1.5	0.8	2.7
NR4010	Fig.2	4.0±0.2	4.0±0.2	1.0 Max.	3.3±0.2	0.95±0.2	2.1±0.2	1.9	1.1	3.7
NR4012	Fig.2	4.0±0.2	4.0±0.2	1.2 Max.	3.3±0.2	0.95±0.2	2.1±0.2	1.9	1.1	3.7
NR4018	Fig.2	4.0±0.2	4.0±0.2	1.8 Max.	3.3±0.2	0.95±0.2	2.1±0.2	1.9	1.1	3.7
NR4020	Fig.2	4.0±0.2	4.0±0.2	2.0 Max.	3.3±0.2	0.95±0.2	2.1±0.2	1.9	1.1	3.7
NR4026	Fig.2	4.0±0.2	4.0±0.2	2.6 Max.	3.3±0.2	0.95±0.2	2.1±0.2	1.9	1.1	3.7
NR4030	Fig.2	4.0±0.2	4.0±0.2	3.0 Max.	3.3±0.2	0.95±0.2	2.1±0.2	1.9	1.1	3.7
NR5012	Fig.3	5.0±0.2	5.0±0.2	1.2 Max.	4.0±0.2	1.25±0.2	2.5±0.2	2.3	1.4	4.2
NR5020	Fig.3	5.0±0.2	5.0±0.2	2.0 Max.	4.0±0.2	1.25±0.2	2.5±0.2	2.3	1.4	4.2
NR5040	Fig.3	5.0±0.2	5.0±0.2	4.0 Max.	4.0±0.2	1.25±0.2	2.5±0.2	2.3	1.4	4.2
NR6020	Fig.2	6.0±0.3	6.0±0.3	2.0 Max.	4.9±0.3	1.55±0.3	2.9±0.3	2.8	1.7	5.7
NR6028	Fig.2	6.0±0.3	6.0±0.3	2.8 Max.	4.9±0.3	1.55±0.3	2.9±0.3	2.8	1.7	5.7
NR6040	Fig.2	6.0±0.3	6.0±0.3	4.0 Max.	4.9±0.3	1.55±0.3	2.9±0.3	2.8	1.7	5.7
NR6045	Fig.2	6.0±0.3	6.0±0.3	4.5 Max.	4.9±0.3	1.55±0.3	2.9±0.3	2.8	1.7	5.7
NR8040	Fig.2	8.0±0.3	8.0±0.3	4.2 Max.	6.3±0.3	2.00±0.3	4.0±0.3	3.8	2.2	7.5
NR8065	Fig.3	8.0±0.3	8.0±0.3	6.5 Max.	6.3±0.3	2.00±0.3	4.0±0.3	3.8	2.2	7.5

※*1: All products are printed with Marking except the 252010, 252012, 3010, 3012 and 3015 series.

PART NUMBERING 规格编号

NR 6045 — 3R3 N I

① ② ③ ④ ⑤

- ① Product symbol系列代号:
- ② Dimensions尺寸: Diameter直径×Thickness厚度
- ③ Inductance电感量: 2R2: 2.2 μH, R47: 0.47 μH, 100: 10 μH
- ④ Tolerance允许偏差: M—±20%, N—±30%
- ⑤ Packing style 包装方式: B: Bulk 散装, T: Tape and reel 载带盘装

SPECIFICATIONS 规格特性

● NR252010系列

产品型号规格 Part Number	电感量 Inductance	直流电阻 DC Resistance		自谐振频率 Self-resonant Frequency	饱和电流 Saturation Current		温升电流 Heat Rating Current	
	@100kHz,1V	Max.	Typ.	Min.	Max.	Typ.	Max.	Typ.
Units	μH	Ω		MHZ	A		A	
Symbol	L	DCR		S.R.F	Isat		Irms	
NR252010-R47N	0.47±30%	0.056	0.047	206	2.50	3.35	2.35	2.56
NR252010-R56N	0.56±30%	0.072	0.060	160	2.35	3.05	2.00	2.18
NR252010-R68N	0.68±30%	0.074	0.062	129	2.20	2.75	1.80	2.00
NR252010-1R0N	1.0±30%	0.108	0.090	100	1.85	2.20	1.65	1.80
NR252010-1R5N	1.5±30%	0.182	0.152	81	1.80	2.10	1.30	1.42
NR252010-2R2N	2.2±30%	0.209	0.174	61	1.20	1.60	1.20	1.31
NR252010-3R3M	3.3±20%	0.328	0.273	47	1.05	1.30	0.90	0.98
NR252010-4R7M	4.7±20%	0.563	0.469	42	0.95	1.15	0.70	0.76
NR252010-5R6M	5.6±20%	0.564	0.470	35	0.80	0.95	0.73	0.80
NR252010-6R8M	6.8±20%	0.896	0.747	31	0.78	0.92	0.59	0.64
NR252010-100M	10±20%	1.092	0.910	27	0.65	0.78	0.50	0.55

SPECIFICATIONS规格特性

● NR252012系列

产品型号规格 Part Number	电感量 Inductance	直流电阻 DC Resistance		自谐频率 Self-resonant Frequency	饱和电流 Saturation Current		温升电流 Heat Rating Current	
	@100kHz,1V	Max.	Typ.	Min.	Max.	Typ.	Max.	Typ.
Units	μ H	Ω		MHZ	A		A	
Symbol	L	DCR		S.R.F	Isat		Irms	
NR252012-R47N	0.47±30%	0.061	0.047	160	3.82	4.27	2.15	2.34
NR252012-R68N	0.68±30%	0.074	0.057	140	3.28	3.68	1.95	2.13
NR252012-1R0N	1.0±30%	0.090	0.069	110	2.59	2.90	1.93	2.10
NR252012-1R2N	1.2±30%	0.129	0.099	100	2.38	2.67	1.46	1.59
NR252012-1R5M	1.5±20%	0.147	0.113	97	2.24	2.51	1.40	1.53
NR252012-2R2M	2.2±20%	0.216	0.166	69	1.85	2.07	1.15	1.25
NR252012-2R7M	2.7±20%	0.239	0.184	63	1.72	1.92	1.09	1.19
NR252012-3R3M	3.3±20%	0.264	0.203	62	1.61	1.80	1.04	1.13
NR252012-3R6M	3.6±20%	0.348	0.268	53	1.46	1.64	0.90	0.98
NR252012-4R7M	4.7±20%	0.363	0.338	47	1.23	1.37	0.84	0.92
NR252012-5R6M	5.6±20%	0.538	0.414	38	1.11	1.24	0.74	0.81
NR252012-6R8M	6.8±20%	0.581	0.447	38	0.98	1.10	0.69	0.75
NR252012-8R2M	8.2±20%	0.658	0.506	35	0.96	1.08	0.65	0.71
NR252012-100M	10±20%	0.690	0.531	34	0.79	0.88	0.62	0.68
NR252012-120M	12±20%	1.075	0.827	28	0.78	0.84	0.51	0.56
NR252012-150M	15±20%	1.591	1.224	25	0.68	0.77	0.42	0.46
NR252012-220M	22±20%	1.976	1.520	20	0.53	0.59	0.38	0.41

● NR3010系列

产品型号规格 Part Number	电感量 Inductance	直流电阻 DC Resistance		自谐频率 Self-resonant Frequency	饱和电流 Saturation Current		温升电流 Heat Rating Current	
	@100kHz,1V	Max.	Typ.	Min.	Max.	Typ.	Max.	Typ.
Units	μ H	Ω		MHZ	A		A	
Symbol	L	DCR		S.R.F	Isat		Irms	
NR3010-1R0N	1.0±30%	0.085	0.065	180	1.40	2.10	1.45	1.80
NR3010-1R2N	1.2±30%	0.095	0.073	137	1.27	1.70	1.40	1.70
NR3010-1R5N	1.5±30%	0.104	0.080	120	1.25	1.65	1.30	1.60
NR3010-2R2N	2.2±30%	0.143	0.110	100	1.15	1.50	1.09	1.40
NR3010-2R7N	2.7±30%	0.169	0.130	90	1.00	1.40	1.02	1.30
NR3010-3R3N	3.3±30%	0.189	0.145	74	0.97	1.30	0.96	1.20
NR3010-3R6M	3.6±20%	0.215	0.165	67	0.95	1.20	0.90	1.10
NR3010-4R7M	4.7±20%	0.293	0.225	59	0.75	1.05	0.77	1.05
NR3010-5R6M	5.6±20%	0.322	0.248	42	0.70	0.85	0.70	1.00
NR3010-6R8M	6.8±20%	0.397	0.305	41	0.65	0.80	0.66	0.96

SPECIFICATIONS规格特性

● NR3010系列

产品型号规格 Part Number	电感量 Inductance	直流电阻 DC Resistance		自谐频率 Self-resonant Frequency	饱和电流 Saturation Current		温升电流 Heat Rating Current	
	@ 100kHz, 1V	Max.	Typ.	Min.	Max.	Typ.	Max.	Typ.
Units	μ H	Ω		MHZ	A		A	
Symbol	L	DCR		S.R.F	Isat		Irms	
NR3010-8R2M	8.2±20%	0.520	0.400	40	0.55	0.75	0.58	0.70
NR3010-100M	10±20%	0.589	0.453	39	0.49	0.70	0.55	0.69
NR3010-120M	12±20%	0.657	0.505	36	0.43	0.65	0.52	0.67
NR3010-150M	15±20%	0.793	0.610	30	0.42	0.57	0.47	0.57
NR3010-220M	22±20%	1.209	0.930	28	0.35	0.48	0.38	0.55
NR3010-270M	27±20%	1.404	1.080	25	0.30	0.45	0.35	0.54
NR3010-330M	33±20%	2.015	1.550	18	0.29	0.42	0.30	0.53
NR3010-390M	39±20%	2.275	1.750	18	0.28	0.38	0.28	0.52
NR3010-470M	47±20%	2.535	1.950	18	0.22	0.35	0.26	0.50
NR3010-560M	56±20%	3.016	2.320	16	0.21	0.28	0.24	0.35

● NR3012系列

产品型号规格 Part Number	电感量 Inductance	直流电阻 DC Resistance		自谐频率 Self-resonant Frequency	饱和电流 Saturation Current		温升电流 Heat Rating Current	
	@ 100kHz, 1V	Max.	Typ.	Min.	Max.	Typ.	Max.	Typ.
Units	μ H	Ω		MHZ	A		A	
Symbol	L	DCR		S.R.F	Isat		Irms	
NR3012-R22N	0.22±30%	0.022	0.017	321	5.30	6.00	3.00	3.30
NR3012-R82N	0.82±30%	0.039	0.030	180	2.50	2.80	2.47	3.00
NR3012-1R0N	1.0±30%	0.052	0.040	150	2.20	2.50	2.20	2.70
NR3012-1R2N	1.2±30%	0.059	0.045	120	1.85	2.15	2.11	2.45
NR3012-1R5N	1.5±30%	0.071	0.054	110	1.62	1.90	2.01	2.20
NR3012-1R8N	1.8±30%	0.082	0.063	90	1.30	1.80	1.65	1.80
NR3012-2R2N	2.2±30%	0.088	0.068	84	1.20	1.70	1.60	1.75
NR3012-2R4N	2.4±30%	0.098	0.075	75	1.15	1.50	1.55	1.70
NR3012-2R7N	2.7±30%	0.110	0.085	65	1.14	1.45	1.48	1.50
NR3012-3R3M	3.3±20%	0.130	0.100	64	1.10	1.40	1.42	1.45
NR3012-3R6M	3.6±20%	0.160	0.123	63	1.05	1.35	1.36	1.40
NR3012-3R9M	3.9±20%	0.189	0.145	61	1.00	1.30	1.24	1.30
NR3012-4R7M	4.7±20%	0.208	0.160	60	0.90	1.10	1.19	1.27
NR3012-5R6M	5.6±20%	0.226	0.174	59	0.80	1.00	1.13	1.24
NR3012-6R8M	6.8±20%	0.247	0.190	58	0.75	0.90	0.98	1.10
NR3012-100M	10±20%	0.345	0.265	42	0.60	0.88	0.83	0.90
NR3012-120M	12±20%	0.449	0.345	32	0.48	0.67	0.73	0.84
NR3012-150M	15±20%	0.468	0.360	27	0.45	0.62	0.71	0.77
NR3012-180M	18±20%	0.709	0.545	25	0.43	0.59	0.58	0.65

● NR3012系列

产品型号规格 Part Number	电感量 Inductance	直流电阻 DC Resistance		自谐频率 Self-resonant Frequency	饱和电流 Saturation Current		温升电流 Heat Rating Current	
	@100kHz, 1V	Max.	Typ.	Min.	Max.	Typ.	Max.	Typ.
Units	μ H	Ω		MHZ	A		A	
Symbol	L	DCR		S.R.F	Isat		Irms	
NR3012-220M	22 $\pm$ 20%	0.839	0.645	23	0.42	0.52	0.53	0.59
NR3012-270M	27 $\pm$ 20%	1.131	0.870	21	0.36	0.48	0.47	0.51
NR3012-330M	33 $\pm$ 20%	1.138	0.875	18	0.35	0.46	0.46	0.50
NR3012-360M	36 $\pm$ 20%	1.235	0.950	18	0.34	0.44	0.44	0.48
NR3012-390M	39 $\pm$ 20%	1.729	1.330	18	0.30	0.39	0.37	0.41
NR3012-470M	47 $\pm$ 20%	1.794	1.380	14	0.27	0.35	0.35	0.40
NR3012-560M	56 $\pm$ 20%	1.885	1.450	9	0.26	0.33	0.33	0.39
NR3012-680M	68 $\pm$ 20%	2.171	1.670	7	0.24	0.29	0.28	0.37
NR3012-820M	82 $\pm$ 20%	3.302	2.540	7	0.21	0.27	0.27	0.31
NR3012-101M	100 $\pm$ 20%	3.718	2.860	5	0.17	0.23	0.25	0.29

● NR3015系列

产品型号规格 Part Number	电感量 Inductance	直流电阻 DC Resistance		自谐频率 Self-resonant Frequency	饱和电流 Saturation Current		温升电流 Heat Rating Current	
	@100kHz, 1V	Max.	Typ.	Min.	Max.	Typ.	Max.	Typ.
Units	μ H	Ω		MHZ	A		A	
Symbol	L	DCR		S.R.F	Isat		Irms	
NR3015-R50N	0.5 $\pm$ 30%	0.039	0.030	162	3.90	4.20	2.60	2.80
NR3015-1R0N	1.0 $\pm$ 30%	0.046	0.035	150	2.32	3.10	2.35	2.50
NR3015-1R2N	1.2 $\pm$ 30%	0.052	0.040	110	2.30	2.80	1.95	2.30
NR3015-1R5N	1.5 $\pm$ 30%	0.065	0.050	100	2.21	2.70	1.83	2.25
NR3015-1R8N	1.8 $\pm$ 30%	0.072	0.055	92	1.75	2.20	1.70	2.20
NR3015-2R2N	2.2 $\pm$ 30%	0.078	0.060	86	1.60	2.00	1.60	2.00
NR3015-2R7N	2.7 $\pm$ 30%	0.098	0.075	68	1.52	1.90	1.43	1.90
NR3015-3R3M	3.3 $\pm$ 20%	0.104	0.080	64	1.32	1.81	1.36	1.60
NR3015-3R6M	3.6 $\pm$ 20%	0.137	0.105	59	1.28	1.60	1.28	1.55
NR3015-3R9M	3.9 $\pm$ 20%	0.144	0.110	53	1.20	1.50	1.20	1.50
NR3015-4R7M	4.7 $\pm$ 20%	0.163	0.125	48	1.10	1.30	1.09	1.25
NR3015-6R8M	6.8 $\pm$ 20%	0.260	0.200	41	0.85	1.10	0.85	1.00
NR3015-100M	10 $\pm$ 20%	0.325	0.250	39	0.72	0.92	0.77	0.90
NR3015-120M	12 $\pm$ 20%	0.416	0.320	32	0.70	0.90	0.68	0.89
NR3015-150M	15 $\pm$ 20%	0.455	0.350	30	0.66	0.88	0.65	0.81
NR3015-180M	18 $\pm$ 20%	0.559	0.430	23	0.56	0.72	0.59	0.72
NR3015-220M	22 $\pm$ 20%	0.598	0.460	23	0.52	0.68	0.57	0.69
NR3015-270M	27 $\pm$ 20%	0.949	0.730	22	0.48	0.56	0.45	0.56
NR3015-330M	33 $\pm$ 20%	1.066	0.820	20	0.44	0.55	0.43	0.51
NR3015-390M	39 $\pm$ 20%	1.294	0.995	16	0.41	0.53	0.39	0.50
NR3015-470M	47 $\pm$ 20%	1.625	1.250	14	0.35	0.43	0.35	0.44
NR3015-560M	56 $\pm$ 20%	1.664	1.280	13	0.33	0.42	0.34	0.41
NR3015-620M	62 $\pm$ 20%	2.093	1.610	12	0.30	0.40	0.30	0.36
NR3015-680M	68 $\pm$ 20%	3.510	2.700	11	0.28	0.37	0.23	0.31
NR3015-101M	100 $\pm$ 20%	4.043	3.110	6.3	0.23	0.25	0.21	0.25
NR3015-151M	150 $\pm$ 20%	4.940	3.800	4.7	0.18	0.22	0.19	0.23

● NR4010系列

产品型号规格 Part Number	电感量 Inductance	直流电阻 DC Resistance		自谐频率 Self-resonant Frequency	饱和电流 Saturation Current		温升电流 Heat Rating Current	
	@100kHz,1V	Max.	Typ.	Min.	Max.	Typ.	Max.	Typ.
Units	μ H	Ω		MHZ	A		A	
Symbol	L	DCR		S.R.F	Isat		Irms	
NR4010-1R0N	1.0±30%	0.067	0.056	116	2.00	2.30	1.90	2.40
NR4010-1R5N	1.5±30%	0.084	0.070	94	1.68	2.00	1.70	2.00
NR4010-2R2M	2.2±20%	0.102	0.085	73	1.20	1.50	1.50	1.90
NR4010-3R3M	3.3±20%	0.120	0.100	58	1.10	1.40	1.40	1.80
NR4010-4R7M	4.7±20%	0.168	0.140	47	0.95	1.10	1.20	1.50
NR4010-6R8M	6.8±20%	0.240	0.200	38	0.80	0.95	1.00	1.20
NR4010-100M	10±20%	0.360	0.300	31	0.62	0.75	0.75	1.00
NR4010-150M	15±20%	0.516	0.430	24	0.54	0.61	0.60	0.85
NR4010-220M	22±20%	0.684	0.570	19	0.45	0.52	0.50	0.75

● NR4012系列

产品型号规格 Part Number	电感量 Inductance	直流电阻 DC Resistance		自谐频率 Self-resonant Frequency	饱和电流 Saturation Current		温升电流 Heat Rating Current	
	@100kHz,1V	Max.	Typ.	Min.	Max.	Typ.	Max.	Typ.
Units	μ H	Ω		MHZ	A		A	
Symbol	L	DCR		S.R.F	Isat		Irms	
NR4012-R82N	0.82±30%	0.065	0.050	150	3.02	3.30	1.65	2.50
NR4012-1R0N	1.0±30%	0.075	0.058	120	2.61	3.20	1.56	2.35
NR4012-1R5N	1.5±30%	0.085	0.065	90	2.12	2.70	1.46	2.20
NR4012-1R8N	1.8±30%	0.095	0.073	88	2.10	2.60	1.32	1.90
NR4012-2R2N	2.2±30%	0.104	0.080	74	1.90	2.30	1.29	1.80
NR4012-2R7N	2.7±30%	0.117	0.090	71	1.76	2.20	1.25	1.70
NR4012-3R3N	3.3±30%	0.143	0.110	60	1.72	2.10	1.12	1.65
NR4012-3R6N	3.6±30%	0.163	0.125	57	1.58	2.00	1.06	1.60
NR4012-4R7N	4.7±30%	0.182	0.140	50	1.20	1.80	1.00	1.50
NR4012-5R6N	5.6±30%	0.201	0.155	42	1.00	1.60	0.90	1.20
NR4012-6R8M	6.8±20%	0.257	0.198	40	0.85	1.40	0.84	1.10
NR4012-100M	10±20%	0.345	0.265	33	0.80	1.10	0.77	1.00
NR4012-120M	12±20%	0.377	0.290	32	0.66	1.00	0.70	0.95
NR4012-150M	15±20%	0.442	0.340	25	0.56	0.80	0.64	0.85
NR4012-180M	18±20%	0.611	0.470	23	0.55	0.75	0.55	0.80
NR4013-220M	22±20%	0.763	0.587	20	0.50	0.70	0.49	0.75
NR4012-270M	27±20%	0.936	0.720	18	0.46	0.65	0.45	0.60
NR4012-330M	33±20%	1.053	0.810	17	0.42	0.60	0.42	0.58
NR4012-360M	36±20%	1.170	0.900	16	0.40	0.50	0.40	0.56
NR4012-390M	39±20%	1.430	1.100	14	0.38	0.48	0.37	0.50
NR4012-470M	47±20%	1.528	1.175	12	0.35	0.46	0.35	0.48
NR4012-560M	56±20%	1.625	1.250	11	0.33	0.45	0.33	0.46
NR4012-680M	68±20%	2.535	1.950	11	0.31	0.43	0.27	0.45
NR4012-820M	82±20%	2.782	2.140	11	0.28	0.40	0.26	0.36
NR4012-101M	100±20%	2.873	2.210	9.4	0.25	0.30	0.25	0.35

● NR4018系列

产品型号规格 Part Number	电感量 Inductance	直流电阻 DC Resistance		自谐频率 Self-resonant Frequency	饱和电流 Saturation Current		温升电流 Heat Rating Current	
	@100kHz,1V	Max.	Typ.	Min.	Max.	Typ.	Max.	Typ.
Units	μH	Ω		MHZ	A		A	
Symbol	L	DCR		S.R.F	Isat		Irms	
NR4018-R47N	0.47±30%	0.018	0.014	155	4.90	5.60	4.00	4.50
NR4018-R68N	0.68±30%	0.026	0.020	128	4.80	5.40	3.30	3.80
NR4018-1R0N	1.0±30%	0.033	0.025	80	4.30	5.20	2.00	3.30
NR4018-1R5N	1.5±30%	0.039	0.030	65	3.35	4.00	1.90	3.20
NR4018-1R8N	1.8±30%	0.044	0.034	54	3.00	3.40	1.80	2.80
NR4018-2R2M	2.2±20%	0.059	0.045	52	2.70	3.20	1.65	2.60
NR4018-3R3M	3.3±20%	0.091	0.070	44	2.45	2.90	1.23	2.10
NR4018-4R7M	4.7±20%	0.117	0.090	34	1.70	2.20	1.20	1.80
NR4018-6R8M	6.8±20%	0.143	0.110	29	1.45	2.00	1.06	1.50
NR4018-100M	10±20%	0.234	0.180	24	1.30	1.60	0.84	1.20
NR4018-150M	15±20%	0.325	0.250	19	0.94	1.10	0.65	1.00
NR4018-220M	22±20%	0.468	0.360	16	0.80	0.88	0.59	0.90
NR4018-270M	27±20%	0.611	0.470	14	0.68	0.82	0.52	0.85
NR4018-330M	33±20%	0.689	0.530	12	0.57	0.75	0.49	0.72
NR4018-470M	47±20%	0.845	0.650	10	0.56	0.70	0.42	0.65
NR4018-680M	68±20%	1.300	1.000	8.3	0.47	0.51	0.32	0.52
NR4018-101M	100±20%	2.275	1.750	6.5	0.40	0.44	0.25	0.41
NR4018-151M	150±20%	3.250	2.500	5.5	0.31	0.34	0.22	0.36
NR4018-221M	220±20%	5.200	4.000	4	0.27	0.30	0.17	0.27

● NR4020系列

产品型号规格 Part Number	电感量 Inductance	直流电阻 DC Resistance		自谐频率 Self-resonant Frequency	饱和电流 Saturation Current		温升电流 Heat Rating Current	
	@100kHz,1V	Max.	Typ.	Min.	Max.	Typ.	Max.	Typ.
Units	μH	Ω		MHZ	A		A	
Symbol	L	DCR		S.R.F	Isat		Irms	
NR4020-R33N	0.33±30%	0.016	0.013	223	7.50	8.50	3.90	4.90
NR4020-R47N	0.47±30%	0.029	0.022	160	7.00	7.50	3.30	3.70
NR4020-R68N	0.68±30%	0.036	0.028	120	6.40	6.60	2.80	3.30
NR4020-1R0N	1.0±30%	0.038	0.029	75	5.10	5.60	2.48	3.20
NR4020-1R2N	1.2±30%	0.042	0.032	72	4.78	5.20	2.15	3.10
NR4020-1R5N	1.5±30%	0.046	0.035	71	4.45	4.90	1.98	3.00
NR4020-2R2N	2.2±30%	0.052	0.040	49	3.40	3.70	1.85	2.80
NR4020-3R3M	3.3±20%	0.072	0.055	46	3.20	3.50	1.54	2.50
NR4020-3R6M	3.6±20%	0.091	0.070	45	2.80	3.00	1.40	2.25
NR4020-4R7M	4.7±20%	0.098	0.075	42	2.35	2.50	1.34	2.00
NR4020-5R1M	5.1±20%	0.111	0.085	41	2.30	2.45	1.27	1.80
NR4020-5R6M	5.6±20%	0.117	0.090	36	2.20	2.40	1.22	1.70
NR4020-6R2M	6.2±20%	0.130	0.115	33	2.15	2.30	1.08	1.60
NR4020-6R8M	6.8±20%	0.140	0.125	32	2.10	2.25	1.04	1.55
NR4020-7R5M	7.5±20%	0.150	0.135	30	1.85	2.00	1.00	1.50
NR4020-8R2M	8.2±20%	0.163	0.150	27	1.75	1.90	0.95	1.40
NR4020-100M	10±20%	0.215	0.165	26	1.60	1.70	0.90	1.20
NR4020-120M	12±20%	0.228	0.175	25	1.50	1.60	0.88	1.15
NR4020-150M	15±20%	0.299	0.230	24	1.35	1.50	0.77	1.10
NR4020-220M	22±20%	0.455	0.350	15	1.05	1.20	0.62	0.87
NR4020-270M	27±20%	0.709	0.545	14	1.02	1.10	0.50	0.70

● NR4020系列

产品型号规格 Part Number	电感量 Inductance	直流电阻 DC Resistance		自谐频率 Self-resonant Frequency	饱和电流 Saturation Current		温升电流 Heat Rating Current	
	@ 100kHz, 1V	Max.	Typ.	Min.	Max.	Typ.	Max.	Typ.
Units	μ H	Ω		MHZ	A		A	
Symbol	L	DCR		S.R.F	Isat		Irms	
NR4020-330M	33±20%	0.715	0.550	11	0.85	0.93	0.49	0.68
NR4020-390M	39±20%	0.845	0.650	11	0.82	0.90	0.46	0.64
NR4020-430M	43±20%	0.858	0.660	10	0.77	0.85	0.45	0.63
NR4020-470M	47±20%	0.923	0.710	10	0.74	0.81	0.44	0.61
NR4020-510M	51±20%	0.975	0.750	10	0.70	0.77	0.42	0.59
NR4020-560M	56±20%	1.040	0.800	10	0.66	0.72	0.41	0.57
NR4020-620M	62±20%	1.170	0.900	9.6	0.65	0.71	0.39	0.52
NR4020-680M	68±20%	1.380	1.060	7.7	0.61	0.67	0.36	0.50
NR4020-750M	75±20%	1.510	1.160	7.7	0.56	0.61	0.35	0.49
NR4020-820M	82±20%	1.520	1.170	7.2	0.50	0.55	0.34	0.47
NR4020-101M	100±20%	2.020	1.550	6.3	0.48	0.53	0.31	0.43

● NR4026系列

产品型号规格 Part Number	电感量 Inductance	直流电阻 DC Resistance		自谐频率 Self-resonant Frequency	饱和电流 Saturation Current		温升电流 Heat Rating Current	
	@ 100kHz, 1V	Max.	Typ.	Min.	Max.	Typ.	Max.	Typ.
Units	μ H	Ω		MHZ	A		A	
Symbol	L	DCR		S.R.F	Isat		Irms	
NR4026-1R0N	1.0±30%	0.031	0.024	151	3.30	3.80	3.00	3.30
NR4026-1R2N	1.2±30%	0.039	0.030	120	3.10	3.40	2.65	3.20
NR4026-1R5N	1.5±30%	0.045	0.035	100	2.40	2.90	2.30	3.10
NR4026-2R2M	2.2±20%	0.052	0.040	96	2.10	2.40	2.00	2.80
NR4026-3R3M	3.3±20%	0.065	0.050	58	1.80	2.00	1.70	2.50
NR4026-4R7M	4.7±20%	0.072	0.055	46	1.45	1.70	1.60	2.30
NR4026-6R8M	6.8±20%	0.085	0.065	33	1.30	1.50	1.50	2.00
NR4026-100M	10±20%	0.110	0.085	26	1.00	1.20	1.30	1.90
NR4026-150M	15±20%	0.143	0.110	19	0.90	1.00	1.10	1.50
NR4026-220M	22±20%	0.214	0.165	13	0.60	0.80	0.90	1.40
NR4026-330M	33±20%	0.351	0.270	9	0.55	0.65	0.70	1.00
NR4026-470M	47±20%	0.390	0.300	6	0.40	0.55	0.65	0.90

● NR4030系列

产品型号规格 Part Number	电感量 Inductance	直流电阻 DC Resistance		自谐频率 Self-resonant Frequency	饱和电流 Saturation Current		温升电流 Heat Rating Current	
	@ 100kHz, 1V	Max.	Typ.	Min.	Max.	Typ.	Max.	Typ.
Units	μ H	Ω		MHZ	A		A	
Symbol	L	DCR		S.R.F	Isat		Irms	
NR4030-R68N	0.68±30%	0.013	0.010	130	6.80	8.00	4.56	5.10
NR4030-R91N	0.91±30%	0.017	0.013	100	6.25	6.80	4.15	4.70
NR4030-1R0N	1.0±30%	0.018	0.014	80	5.80	6.30	3.98	4.45
NR4030-1R2N	1.2±30%	0.020	0.015	70	5.40	5.80	3.82	4.20
NR4030-1R5N	1.5±30%	0.026	0.020	62	5.26	5.60	3.34	3.60
NR4030-1R8N	1.8±30%	0.033	0.025	60	5.00	5.40	3.20	3.30
NR4030-2R2N	2.2±30%	0.039	0.030	52	4.90	5.30	2.95	3.20
NR4030-3R3M	3.3±20%	0.052	0.040	38	3.30	3.60	2.40	2.60
NR4030-3R6M	3.6±20%	0.063	0.049	37	3.15	3.50	2.25	2.50
NR4030-3R9M	3.9±20%	0.072	0.055	35	3.00	3.30	2.10	2.30

● NR4030系列

产品型号规格 Part Number	电感量 Inductance	直流电阻 DC Resistance		自谐频率 Self-resonant Frequency	饱和电流 Saturation Current		温升电流 Heat Rating Current	
	@ 100kHz, 1V	Max.	Typ.	Min.	Max.	Typ.	Max.	Typ.
Units	μ H	Ω		MHZ	A		A	
Symbol	L	DCR		S.R.F	Isat		Irms	
NR4030-4R3M	4.3±20%	0.074	0.057	33	2.95	3.20	2.05	2.25
NR4030-4R7M	4.7±20%	0.078	0.060	31	2.90	3.00	2.00	2.20
NR4030-5R6M	5.6±20%	0.085	0.065	30	2.75	2.90	1.95	2.10
NR4030-6R8M	6.8±20%	0.110	0.085	28	2.60	2.80	1.80	1.90
NR4030-7R5M	7.5±20%	0.117	0.090	26	2.20	2.40	1.65	1.80
NR4030-8R2M	8.2±20%	0.124	0.095	25	2.10	2.30	1.60	1.70
NR4030-100M	10±20%	0.130	0.100	21	1.95	2.05	1.50	1.60
NR4030-120M	12±20%	0.175	0.135	18	1.70	1.80	1.30	1.40
NR4030-150M	15±20%	0.247	0.190	16	1.65	1.75	1.11	1.25
NR4030-180M	18±20%	0.260	0.200	10	1.40	1.50	1.10	1.20
NR4030-220M	22±20%	0.292	0.225	10	1.30	1.40	1.00	1.15
NR4030-270M	27±20%	0.338	0.260	10	1.15	1.35	0.90	1.05
NR4030-330M	33±20%	0.429	0.330	10	1.10	1.20	0.84	0.92
NR4030-360M	36±20%	0.436	0.335	9.8	1.05	1.10	0.83	0.91
NR4030-390M	39±20%	0.566	0.435	9.8	1.03	1.05	0.73	0.80
NR4030-470M	47±20%	0.579	0.445	8.4	0.95	1.00	0.72	0.78
NR4030-510M	51±20%	0.611	0.470	8.4	0.90	0.95	0.70	0.75
NR4030-560M	56±20%	0.722	0.555	8.4	0.85	0.94	0.65	0.71
NR4030-620M	62±20%	0.761	0.585	7	0.80	0.92	0.63	0.70
NR4030-680M	68±20%	1.128	0.868	7	0.72	0.88	0.52	0.57
NR4030-750M	75±20%	1.326	1.020	6.3	0.70	0.80	0.48	0.53
NR4030-820M	82±20%	1.378	1.060	5.6	0.66	0.72	0.47	0.52
NR4030-910M	91±20%	1.430	1.100	5.6	0.65	0.71	0.46	0.50
NR4030-101M	100±20%	1.495	1.150	5.6	0.60	0.70	0.45	0.49
NR4030-121M	120±20%	1.755	1.350	5.4	0.55	0.60	0.42	0.46
NR4030-151M	150±20%	2.340	1.800	5.0	0.50	0.55	0.35	0.41
NR4030-221M	220±20%	3.250	2.500	4.2	0.40	0.50	0.30	0.40
NR4030-331M	330±20%	5.200	4.000	3.8	0.30	0.40	0.25	0.26
NR4030-471M	470±20%	9.027	6.944	2	0.29	0.35	0.20	0.21
NR4030-501M	500±20%	9.360	7.200	2	0.28	0.30	0.15	0.20
NR4030-681M	680±20%	9.854	7.580	1.2	0.19	0.23	0.14	0.19

● NR5012系列

产品型号规格 Part Number	电感量 Inductance	直流电阻 DC Resistance		自谐频率 Self-resonant Frequency	饱和电流 Saturation Current		温升电流 Heat Rating Current	
	@ 100kHz, 1V	Max.	Typ.	Min.	Max.	Typ.	Max.	Typ.
Units	μ H	Ω		MHZ	A		A	
Symbol	L	DCR		S.R.F	Isat		Irms	
NR5012-1R0N	1.0±30%	0.068	0.057	103	4.40	4.70	2.00	2.40
NR5012-1R5N	1.5±30%	0.086	0.072	68	3.70	3.80	1.90	2.20
NR5012-2R2N	2.2±30%	0.108	0.090	50	3.10	3.20	1.70	2.00
NR5012-3R3N	3.3±30%	0.151	0.126	34	2.40	2.60	1.40	1.70
NR5012-4R7N	4.7±30%	0.197	0.164	31	2.20	2.30	1.30	1.50
NR5012-6R8M	6.8±20%	0.294	0.245	22	1.70	1.90	1.00	1.20
NR5012-100M	10±20%	0.413	0.344	17	1.40	1.50	0.85	1.00
NR5012-150M	15±20%	0.523	0.436	16	1.20	1.30	0.80	0.92
NR5012-220M	22±20%	0.858	0.780	13	0.88	0.98	0.60	0.68

● NR5020系列

产品型号规格 Part Number	电感量 Inductance	直流电阻 DC Resistance		自谐频率 Self-resonant Frequency	饱和电流 Saturation Current		温升电流 Heat Rating Current	
	@ 100kHz,1V	Max.	Typ.	Min.	Max.	Typ.	Max.	Typ.
Units	μ H	Ω		MHZ	A		A	
Symbol	L	DCR		S.R.F	Isat		Irms	
NR5020-R47N	0.47±30%	0.017	0.013	160	6.15	6.70	4.60	5.00
NR5020-R56N	0.56±30%	0.022	0.017	137	5.83	6.35	4.20	4.40
NR5020-R68N	0.68±30%	0.023	0.018	120	5.50	6.00	4.00	4.20
NR5020-R75N	0.75±30%	0.024	0.019	117	4.80	5.50	3.80	4.10
NR5020-1R0N	1.0±30%	0.026	0.020	114	4.50	5.00	3.68	4.00
NR5020-1R2N	1.2±30%	0.029	0.022	83	4.30	4.90	3.55	3.90
NR5020-1R5N	1.5±30%	0.034	0.026	68	4.10	4.50	3.20	3.50
NR5020-2R2N	2.2±30%	0.042	0.032	57	3.20	4.00	2.90	3.10
NR5020-2R7N	2.7±30%	0.049	0.038	52	2.90	3.50	2.70	2.90
NR5020-3R0N	3.0±30%	0.053	0.041	49	2.80	3.25	2.60	2.80
NR5020-3R3N	3.3±30%	0.056	0.043	46	2.55	3.00	2.50	2.70
NR5020-3R6N	3.6±30%	0.059	0.046	43	2.50	2.90	2.40	2.60
NR5020-3R9N	3.9±30%	0.062	0.049	40	2.45	2.80	2.30	2.50
NR5020-4R3M	4.3±20%	0.074	0.057	37	2.40	2.75	2.20	2.40
NR5020-4R7M	4.7±20%	0.077	0.061	37	2.35	2.70	2.10	2.30
NR5020-5R1M	5.1±20%	0.083	0.064	32	2.30	2.60	2.05	2.20
NR5020-5R6M	5.6±20%	0.096	0.074	32	2.25	2.50	2.00	2.10
NR5020-6R8M	6.8±20%	0.108	0.083	30	2.05	2.20	1.80	1.90
NR5020-7R5M	7.5±20%	0.117	0.090	26	1.85	2.00	1.75	1.85
NR5020-8R2M	8.2±20%	0.127	0.098	26	1.78	1.90	1.65	1.80
NR5020-9R1M	9.1±20%	0.143	0.110	24	1.70	1.80	1.55	1.70
NR5020-100M	10±20%	0.163	0.125	24	1.60	1.70	1.45	1.60
NR5020-120M	12±20%	0.182	0.140	22	1.50	1.60	1.40	1.50
NR5020-150M	15±20%	0.215	0.165	20	1.35	1.40	1.25	1.30
NR5020-180M	18±20%	0.260	0.200	16	1.25	1.30	1.15	1.20
NR5020-220M	22±20%	0.294	0.226	14	1.15	1.20	1.10	1.15
NR5020-330M	33±20%	0.507	0.390	10	0.92	1.00	0.90	0.99
NR5020-470M	47±20%	0.680	0.523	7	0.77	0.84	0.77	0.84
NR5020-560M	56±20%	0.819	0.630	6	0.71	0.77	0.70	0.77
NR5020-680M	68±20%	0.962	0.740	6	0.65	0.70	0.64	0.70
NR5020-820M	82±20%	1.158	0.965	6	0.59	0.64	0.53	0.60
NR5020-101M	100±20%	1.430	1.100	6	0.53	0.58	0.50	0.58
NR5020-121M	120±20%	1.755	1.350	6	0.42	0.53	0.40	0.50
NR5020-201M	200±20%	2.600	2.000	4.5	0.30	0.33	0.20	0.25

● NR5040系列

产品型号规格 Part Number	电感量 Inductance	直流电阻 DC Resistance		自谐频率 Self-resonant Frequency	饱和电流 Saturation Current		温升电流 Heat Rating Current	
	@ 100kHz, 1V	Max.	Typ.	Min.	Max.	Typ.	Max.	Typ.
Units	μ H	Ω		MHZ	A		A	
Symbol	L	DCR		S.R.F	Isat		Irms	
NR5040-1R0N	1.0±30%	0.016	0.012	117	7.35	8.00	4.90	5.00
NR5040-1R2N	1.2±30%	0.018	0.014	110	6.50	7.00	4.60	4.93
NR5040-1R5N	1.5±30%	0.020	0.015	86	6.30	6.80	4.30	4.85
NR5040-1R8N	1.8±30%	0.021	0.016	55	5.50	6.05	4.15	4.30
NR5040-2R2N	2.2±30%	0.025	0.019	50	4.90	5.50	3.80	4.20
NR5040-2R7N	2.7±30%	0.029	0.022	37	4.30	4.80	3.60	4.00
NR5040-3R0N	3.0±30%	0.030	0.023	37	4.15	4.60	3.50	3.90
NR5040-3R3N	3.3±30%	0.031	0.024	32	3.95	4.45	3.40	3.80
NR5040-3R6N	3.6±20%	0.034	0.026	30	3.80	4.40	3.30	3.70
NR5040-3R9N	3.9±30%	0.035	0.027	29	3.55	4.00	3.20	3.60
NR5040-4R7N	4.7±30%	0.039	0.030	28	3.50	3.80	3.00	3.30
NR5040-5R6M	5.6±20%	0.046	0.035	27	3.00	3.70	2.80	3.10
NR5040-6R8M	6.8±20%	0.056	0.043	21	2.90	3.40	2.50	2.80
NR5040-8R2M	8.2±20%	0.062	0.048	20	2.70	2.90	2.30	2.60
NR5040-100M	10±20%	0.083	0.064	18	2.35	2.70	2.10	2.35
NR5040-150M	15±20%	0.112	0.086	13	2.00	2.20	2.00	2.05
NR5040-220M	22±20%	0.168	0.129	11	1.60	1.80	1.50	1.60
NR5040-330M	33±20%	0.244	0.188	9	1.30	1.45	1.20	1.35
NR5040-470M	47±20%	0.354	0.272	7	1.10	1.20	1.00	1.15
NR5040-680M	68±20%	0.520	0.400	6	0.90	1.00	0.80	0.90
NR5040-101M	100±20%	0.728	0.560	5	0.75	0.85	0.70	0.78
NR5040-151M	150±20%	0.975	0.750	3.7	0.65	0.67	0.60	0.70

● NR6020系列

产品型号规格 Part Number	电感量 Inductance	直流电阻 DC Resistance		自谐频率 Self-resonant Frequency	饱和电流 Saturation Current		温升电流 Heat Rating Current	
	@ 100kHz, 1V	Max.	Typ.	Min.	Max.	Typ.	Max.	Typ.
Units	μ H	Ω		MHZ	A		A	
Symbol	L	DCR		S.R.F	Isat		Irms	
NR6020-R50N	0.50±30%	0.018	0.014	120	6.55	7.80	4.00	5.00
NR6020-R68N	0.68±30%	0.022	0.017	115	5.90	7.00	3.80	4.80
NR6020-R82N	0.82±30%	0.025	0.020	110	5.30	6.30	3.65	4.60
NR6020-1R0N	1.0±30%	0.027	0.022	100	4.85	5.80	3.50	4.40
NR6020-1R2N	1.2±30%	0.029	0.024	88	4.50	5.50	3.20	4.00
NR6020-1R5N	1.5±30%	0.033	0.026	79	4.25	5.10	2.98	3.75
NR6020-1R8N	1.8±30%	0.036	0.028	68	4.18	5.00	2.75	3.50
NR6020-2R0N	2.0±30%	0.038	0.030	65	4.10	4.90	2.60	3.30
NR6020-2R2N	2.2±30%	0.040	0.032	61	3.90	4.60	2.55	3.20
NR6020-2R7N	2.7±30%	0.044	0.035	56	3.75	4.50	2.45	3.10
NR6020-3R3N	3.3±30%	0.046	0.040	51	3.25	3.90	2.35	3.00
NR6020-3R9N	3.9±30%	0.064	0.049	45	3.15	3.70	2.25	2.80
NR6020-4R3N	4.3±30%	0.070	0.055	44	3.00	3.60	2.10	2.60
NR6020-4R7N	4.7±30%	0.075	0.058	41	2.70	3.20	2.00	2.50
NR6020-5R6N	5.6±30%	0.089	0.065	36	2.40	2.90	1.90	2.40
NR6020-6R2N	6.2±30%	0.103	0.079	31	2.30	2.70	1.80	2.30
NR6020-6R8N	6.8±30%	0.120	0.092	31	2.20	2.60	1.70	2.05
NR6020-8R2N	8.2±30%	0.137	0.105	27	2.10	2.50	1.50	1.90

● NR6020系列

产品型号规格 Part Number	电感量 Inductance	直流电阻 DC Resistance		自谐频率 Self-resonant Frequency	饱和电流 Saturation Current		温升电流 Heat Rating Current	
	@100kHz,1V	Max.	Typ.	Min.	Max.	Typ.	Max.	Typ.
Units	μ H	Ω		MHZ	A		A	
Symbol	L	DCR		S.R.F	Isat		Irms	
NR6020-100M	10±20%	0.147	0.113	27	1.75	2.10	1.40	1.80
NR6020-120M	12±20%	0.156	0.120	25	1.45	1.70	1.30	1.60
NR6020-150M	15±20%	0.189	0.145	21	1.20	1.40	1.20	1.50
NR6020-180M	18±20%	0.234	0.180	18	1.13	1.30	1.08	1.40
NR6020-220M	22±20%	0.265	0.204	16	1.05	1.20	1.00	1.30
NR6020-330M	33±20%	0.390	0.300	11	0.95	1.10	0.84	1.05
NR6020-470M	47±20%	0.559	0.430	10	0.70	0.90	0.80	0.90

● NR6028系列

产品型号规格 Part Number	电感量 Inductance	直流电阻 DC Resistance		自谐频率 Self-resonant Frequency	饱和电流 Saturation Current		温升电流 Heat Rating Current	
	@100kHz,1V	Max.	Typ.	Min.	Max.	Typ.	Max.	Typ.
Units	μ H	Ω		MHZ	A		A	
Symbol	L	DCR		S.R.F	Isat		Irms	
NR6028-R82N	0.82±30%	0.016	0.012	97	6.50	9.00	5.20	6.00
NR6028-1R0N	1.0±30%	0.017	0.013	70	6.40	7.50	5.00	5.70
NR6028-1R2N	1.2±30%	0.018	0.014	69	6.00	7.00	4.58	5.00
NR6028-1R5N	1.5±30%	0.020	0.016	65	5.75	6.60	4.17	4.55
NR6028-2R2N	2.2±30%	0.026	0.020	48	5.10	5.60	3.75	4.10
NR6028-2R7N	2.7±30%	0.030	0.023	48	4.15	4.50	3.62	3.95
NR6028-3R3N	3.3±30%	0.033	0.025	41	3.80	4.10	3.48	3.80
NR6028-4R7N	4.7±30%	0.039	0.030	35	3.20	3.50	3.08	3.40
NR6028-5R1N	5.1±30%	0.056	0.043	32	3.05	3.30	2.60	2.80
NR6028-6R2N	6.2±20%	0.061	0.047	30	3.00	3.20	2.40	2.60
NR6028-6R8N	6.8±20%	0.067	0.051	27	2.60	3.00	2.33	2.55
NR6028-8R2M	8.2±20%	0.072	0.055	24	2.55	2.80	2.25	2.50
NR6028-9R1M	9.1±20%	0.096	0.074	24	2.30	2.50	2.15	2.45
NR6028-100M	10±20%	0.100	0.077	23	2.04	2.30	1.95	2.40
NR6028-120M	12±20%	0.104	0.080	18	1.80	2.00	1.85	2.00
NR6028-150M	15±20%	0.156	0.120	18	1.75	1.90	1.45	1.60
NR6028-180M	18±20%	0.163	0.125	15	1.52	1.80	1.43	1.55
NR6028-220M	22±20%	0.182	0.140	14	1.50	1.70	1.40	1.50
NR6028-270M	27±20%	0.202	0.155	13	1.45	1.60	1.32	1.40
NR6028-330M	33±20%	0.241	0.185	12	1.35	1.50	1.22	1.30
NR6028-360M	36±20%	0.280	0.215	11	1.25	1.40	1.13	1.20
NR6028-390M	39±20%	0.293	0.225	11	1.20	1.35	1.10	1.15
NR6028-470M	47±20%	0.410	0.315	9.5	1.15	1.30	1.06	1.10
NR6028-560M	56±20%	0.449	0.345	8.2	1.05	1.20	0.89	1.00
NR6028-680M	68±20%	0.468	0.360	7.7	0.90	0.99	0.86	0.95
NR6028-750M	75±20%	0.533	0.410	7.7	0.85	0.95	0.81	0.90
NR6028-820M	82±20%	0.592	0.455	7.7	0.80	0.88	0.75	0.83
NR6028-101M	100±20%	0.650	0.500	7.1	0.65	0.71	0.70	0.77

● NR6040系列

产品型号规格 Part Number	电感量 Inductance	直流电阻 DC Resistance		自谐频率 Self-resonant Frequency	饱和电流 Saturation Current		温升电流 Heat Rating Current	
	@100kHz,1V	Max.	Typ.	Min.	Max.	Typ.	Max.	Typ.
Units	μ H	Ω		MHZ	A		A	
Symbol	L	DCR		S.R.F	Isat		Irms	
NR6040-1R0M	1.0±20%	0.010	0.008	97	7.85	9.05	6.30	7.20
NR6040-100M	10±20%	0.062	0.048	16	3.20	3.50	2.45	2.80
NR6040-120M	12±20%	0.075	0.058	14	2.80	3.25	2.20	2.55
NR6040-150M	15±20%	0.088	0.068	13	2.50	3.00	2.05	2.35
NR6040-220M	22±20%	0.116	0.089	10	2.05	2.50	1.80	2.05
NR6040-330M	33±20%	0.178	0.137	9.9	1.65	2.00	1.45	1.65
NR6040-680M	68±20%	0.370	0.285	5.6	1.15	1.40	0.95	1.10

● NR6045系列

产品型号规格 Part Number	电感量 Inductance	直流电阻 DC Resistance		自谐频率 Self-resonant Frequency	饱和电流 Saturation Current		温升电流 Heat Rating Current	
	@100kHz,1V	Max.	Typ.	Min.	Max.	Typ.	Max.	Typ.
Units	μ H	Ω		MHZ	A		A	
Symbol	L	DCR		S.R.F	Isat		Irms	
NR6045-R47N	0.47±30%	0.008	0.006	155	15.00	16.50	6.60	7.50
NR6045-R56N	0.56±30%	0.008	0.006	142	14.00	13.00	6.50	7.00
NR6045-R68N	0.68±30%	0.008	0.006	141	11.00	12.00	6.00	6.60
NR6045-R82N	0.82±30%	0.010	0.008	140	10.35	11.00	5.90	6.50
NR6045-1R0N	1.0±30%	0.013	0.010	100	9.85	10.00	5.50	6.00
NR6045-1R2N	1.2±30%	0.014	0.011	100	8.35	9.10	5.40	5.90
NR6045-1R5N	1.5±30%	0.016	0.012	74	7.98	8.75	5.00	5.50
NR6045-1R8N	1.8±30%	0.017	0.013	65	7.60	8.40	4.95	5.40
NR6045-2R2N	2.2±30%	0.018	0.014	52	6.75	7.40	4.60	5.00
NR6045-2R7N	2.7±30%	0.025	0.015	38	5.90	6.30	4.30	4.70
NR6045-3R3N	3.3±30%	0.027	0.021	32	5.43	6.20	3.70	4.00
NR6045-4R7M	4.7±20%	0.035	0.026	24	4.97	5.50	3.30	3.60
NR6045-5R6M	5.6±20%	0.038	0.029	23	4.15	4.60	3.15	3.40
NR6045-6R8M	6.8±20%	0.040	0.031	20	3.90	4.30	3.00	3.30
NR6045-8R2M	8.2±20%	0.056	0.043	21	3.55	3.90	2.60	2.80
NR6045-100M	10±20%	0.062	0.048	15	3.20	3.50	2.45	2.70
NR6045-120M	12±20%	0.075	0.058	13	2.80	3.00	2.20	2.40
NR6045-150M	15±20%	0.088	0.068	12	2.50	2.70	2.05	2.20
NR6045-180M	18±20%	0.105	0.081	10	2.20	2.40	1.85	2.10
NR6045-220M	22±20%	0.116	0.089	10	2.05	2.20	1.80	2.00
NR6045-270M	27±20%	0.133	0.102	9.2	1.90	2.10	1.65	1.80

● NR6045系列

产品型号规格 Part Number	电感量 Inductance	直流电阻 DC Resistance		自谐频率 Self-resonant Frequency	饱和电流 Saturation Current		温升电流 Heat Rating Current	
	@ 100kHz, 1V	Max.	Typ.	Min.	Max.	Typ.	Max.	Typ.
Units	μ H	Ω		MHZ	A		A	
Symbol	L	DCR		S.R.F	Isat		Irms	
NR6045-330M	33±20%	0.178	0.137	7.8	1.65	1.80	1.45	1.60
NR6045-360M	36±20%	0.225	0.173	7.8	1.62	1.70	1.40	1.50
NR6045-390M	39±20%	0.234	0.180	7.8	1.50	1.60	1.25	1.40
NR6045-470M	47±20%	0.260	0.200	6.4	1.40	1.50	1.20	1.30
NR6045-560M	56±20%	0.287	0.221	6.4	1.30	1.40	1.10	1.20
NR6045-680M	68±20%	0.376	0.289	6.4	1.20	1.30	1.00	1.10
NR6045-820M	82±20%	0.443	0.341	4.9	1.05	1.10	0.90	0.99
NR6045-101M	100±20%	0.563	0.433	4.2	0.95	1.00	0.80	0.88
NR6045-121M	120±20%	0.629	0.484	4.2	0.85	0.94	0.77	0.85
NR6045-151M	150±20%	0.754	0.580	4.2	0.80	0.88	0.70	0.77
NR6045-221M	220±20%	1.084	0.834	3.5	0.70	0.77	0.59	0.65
NR6045-331M	330±20%	1.651	1.270	2.8	0.57	0.63	0.57	0.63
NR6045-471M	470±20%	2.340	1.800	2.0	0.50	0.56	0.42	0.48
NR6045-681M	680±20%	3.250	2.500	1.7	0.42	0.46	0.33	0.38
NR6045-102M	1000±20%	5.850	4.500	0.5	0.30	0.35	0.25	0.30

● NR8040系列

产品型号规格 Part Number	电感量 Inductance	直流电阻 DC Resistance		自谐频率 Self-resonant Frequency	饱和电流 Saturation Current		温升电流 Heat Rating Current	
	@ 100kHz, 1V	Max.	Typ.	Min.	Max.	Typ.	Max.	Typ.
Units	μ H	Ω		MHZ	A		A	
Symbol	L	DCR		S.R.F	Isat		Irms	
NR8040-R82N	0.82±30%	0.010	0.008	94	13.80	16.00	6.30	6.90
NR8040-1R0N	1.0±30%	0.011	0.009	89	10.00	14.00	6.00	6.70
NR8040-1R2N	1.2±30%	0.013	0.010	78	9.85	13.00	5.97	6.50
NR8040-1R5N	1.5±30%	0.014	0.011	67	9.25	11.00	5.65	6.20
NR8040-2R0N	2.0±30%	0.016	0.012	43	8.15	10.00	5.40	5.90
NR8040-2R2N	2.2±30%	0.017	0.013	41	7.10	8.00	5.15	5.60
NR8040-3R0N	3.0±30%	0.018	0.014	32	6.50	7.50	4.70	5.20
NR8040-3R3N	3.3±30%	0.022	0.017	30	6.30	7.30	4.40	5.00
NR8040-3R6N	3.6±30%	0.023	0.018	27	6.10	7.00	4.35	4.80
NR8040-3R9N	3.9±30%	0.024	0.019	26	5.90	6.80	4.23	4.65
NR8040-4R7N	4.7±30%	0.025	0.020	24	5.75	6.50	4.10	4.50
NR8040-5R6N	5.6±30%	0.027	0.021	24	4.70	5.40	3.85	4.20
NR8040-6R8M	6.8±20%	0.031	0.024	20	4.55	5.20	3.60	4.00
NR8040-8R2M	8.2±20%	0.034	0.026	17	4.20	4.80	3.45	3.80
NR8040-100M	10±20%	0.038	0.029	15	3.60	4.10	3.30	3.60
NR8040-120M	12±20%	0.053	0.041	13	3.50	4.00	2.80	3.00

● NR8040系列

产品型号规格 Part Number	电感量 Inductance	直流电阻 DC Resistance		自谐频率 Self-resonant Frequency	饱和电流 Saturation Current		温升电流 Heat Rating Current	
	@ 100kHz, 1V	Max.	Typ.	Min.	Max.	Typ.	Max.	Typ.
Units	μ H	Ω		MHZ	A		A	
Symbol	L	DCR		S.R.F	Isat		Irms	
NR8040-150M	15±20%	0.061	0.047	12	2.95	3.40	2.60	2.80
NR8040-180M	18±20%	0.069	0.053	11	2.70	3.10	2.40	2.60
NR8040-220M	22±20%	0.090	0.069	9.5	2.40	2.70	2.10	2.30
NR8040-270M	27±20%	0.101	0.078	9.2	2.15	2.50	2.00	2.20
NR8040-330M	33±20%	0.126	0.097	7.8	2.05	2.40	1.80	2.00
NR8040-360M	36±20%	0.133	0.102	7.8	2.00	2.30	1.75	1.95
NR8040-390M	39±20%	0.139	0.107	7.8	1.95	2.25	1.70	1.90
NR8040-430M	43±20%	0.147	0.113	7.8	1.90	2.20	1.65	1.80
NR8040-470M	47±20%	0.177	0.136	6.4	1.75	2.00	1.55	1.70
NR8040-510M	51±20%	0.185	0.142	6.4	1.70	1.90	1.50	1.65
NR8040-560M	56±20%	0.192	0.148	6.4	1.55	1.70	1.45	1.60
NR8040-620M	62±20%	0.237	0.182	6.4	1.50	1.65	1.30	1.50
NR8040-680M	68±20%	0.255	0.196	5.9	1.45	1.60	1.25	1.40
NR8040-750M	75±20%	0.274	0.211	5.9	1.35	1.50	1.20	1.30
NR8040-820M	82±20%	0.293	0.225	5.9	1.30	1.40	1.15	1.20
NR8040-910M	91±20%	0.354	0.272	4.9	1.20	1.35	1.05	1.15
NR8040-101M	100±20%	0.377	0.290	4.2	1.15	1.30	1.00	1.10
NR8040-121M	120±20%	0.434	0.334	3.5	1.10	1.20	0.95	1.00
NR8040-151M	150±20%	0.533	0.410	3.5	1.05	1.10	0.85	0.94
NR8040-181M	180±20%	0.676	0.520	3.5	0.95	1.05	0.83	0.92
NR8040-221M	220±20%	0.779	0.599	3.5	0.85	0.94	0.80	0.88
NR8040-331M	330±20%	1.156	0.889	2.8	0.68	0.75	0.64	0.70
NR8040-471M	470±20%	1.625	1.260	2.1	0.60	0.70	0.50	0.60
NR8040-681M	680±20%	2.652	2.040	1.7	0.50	0.60	0.45	0.50
NR8040-102M	1000±20%	3.640	2.800	1.4	0.40	0.50	0.35	0.40
NR8040-152M	1500±20%	6.500	5.000	1.0	0.32	0.38	0.26	0.27

● NR8065系列

产品型号规格 Part Number	电感量 Inductance	直流电阻 DC Resistance		自谐频率 Self-resonant Frequency	饱和电流 Saturation Current		温升电流 Heat Rating Current	
	@ 100kHz, 1V	Max.	Typ.	Min.	Max.	Typ.	Max.	Typ.
Units	μ H	Ω		MHZ	A		A	
Symbol	L	DCR		S.R.F	Isat		Irms	
NR8065-3R3M	3.3±20%	0.018	0.015	27	9.50	10.00	5.10	5.90
NR8065-4R7M	4.7±20%	0.022	0.018	18	8.50	9.50	4.70	5.40
NR8065-5R6M	5.6±20%	0.026	0.022	17	8.00	9.00	4.50	5.20
NR8065-6R8M	6.8±20%	0.028	0.024	16	7.50	8.00	4.30	5.00
NR8065-8R2M	8.2±20%	0.031	0.026	15	7.00	7.70	4.20	4.80
NR8065-220M	22±20%	0.065	0.054	8	4.30	4.80	2.85	3.30