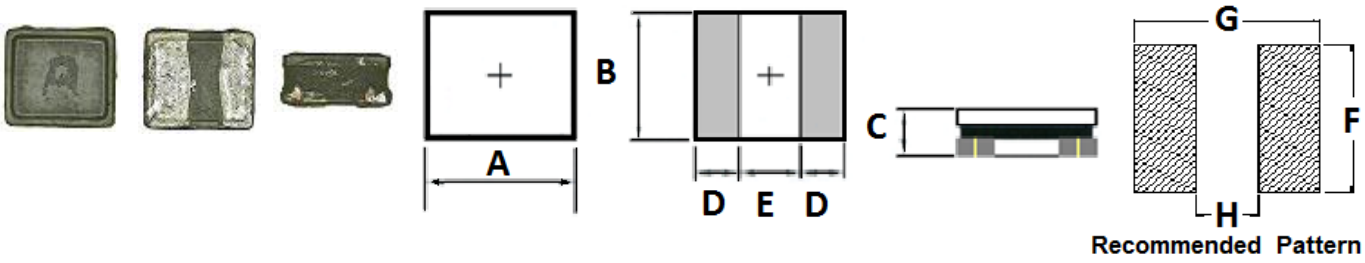
JNR 2 series

DIMENSIONS



mm

No	Part No.	A	B	C	D	E	F	G	H
1	JNR 201610D	2.0 -0.1/+0.2	1.6 -0.1/+0.2	1.0 max.	0.6 ref.	0.8 ref.	1.7	2.3	0.7
2	JNR 201610U	2.0 -0.1/+0.2	1.6 -0.1/+0.2	1.0 max.	0.6 ref.	0.8 ref.	1.7	2.3	0.7
3	JNR 252010D	2.5 -0.1/+0.2	2.0 -0.05/+0.35	1.02 max.	0.85 ref.	0.8 ref.	2.4	2.9	0.8
4	JNR 252010U	2.5 -0.1/+0.2	2.0 -0.05/+0.35	1.02 max.	0.85 ref.	0.8 ref.	2.4	2.9	0.8
5	JNR 252012U	2.5 -0.1/+0.2	2.0 -0.05/+0.35	1.2 max.	0.85 ref.	0.80 ref.	2.4	2.9	1.0

D:high current U:low RDC

SERIES LIST

No.	Part No.	L (μH)	Tol. %	Test Freq. (Hz)	RDC(Ω)	Isat(A)		Irms(A)	
						Max.	Typ.	Max.	Typ.
1	JNR 201610D-R10M	0.10	±20	1M/0.1V	0.025max.	7.00	8.00	4.40	5.00
2	JNR 201610D-R24M	0.24	±20	1M/0.1V	0.028max.	4.50	5.10	3.90	4.40
3	JNR 201610D-R33M	0.33	±20	1M/0.1V	0.040max.	3.50	3.90	3.10	3.50
4	JNR 201610D-R47M	0.47	±20	1M/0.1V	0.042max.	3.40	3.85	3.00	3.30
5	JNR 201610D-R68M	0.68	±20	1M/0.1V	0.055max.	2.80	3.25	2.50	2.80
6	JNR 201610D-1R0M	1.0	±20	1M/0.1V	0.072max.	2.50	2.90	2.20	2.40
7	JNR 201610D-1R5M	1.5	±20	1M/0.1V	0.118max.	1.80	2.30	1.80	2.10
8	JNR 201610D-2R2M	2.2	±20	1M/0.1V	0.170max.	1.70	2.10	1.55	1.70
1	JNR 201610U-R47N	0.47	±30	1M/0.1V	0.044±20%	3.00	2.70	2.60	2.35
2	JNR 201610U-R68N	0.68	±30	1M/0.1V	0.062±20%	2.45	2.00	2.25	2.05
3	JNR 201610U-1R0N	1.0	±30	1M/0.1V	0.080±20%	1.95	1.80	1.75	1.60
4	JNR 201610U-1R5N	1.5	±30	1M/0.1V	0.130±20%	1.65	1.46	1.40	1.26
5	JNR 201610U-2R2M	2.2	±20	1M/0.1V	0.145±20%	1.45	1.26	1.35	1.20
6	JNR 201610U-3R3M	3.3	±20	1M/0.1V	0.245±20%	1.05	0.90	1.05	0.95
7	JNR 201610U-4R7M	4.7	±20	1M/0.1V	0.360±20%	0.85	0.77	1.00	0.90
8	JNR 201610U-6R8M	6.8	±20	1M/0.1V	5.000±20%	0.80	0.72	0.70	0.55
9	JNR 201610U-100M	10	±20	1M/0.1V	0.720±20%	0.62	0.55	0.50	0.45
10	JNR 201610U-150M	15	±20	1M/0.1V	1.400±20%	0.50	0.45	0.40	0.36
11	JNR 201610U-180M	18	±20	1M/0.1V	1.800±20%	0.45	0.40	0.38	0.34
12	JNR 201610U-220M	22	±20	1M/0.1V	2.000±20%	0.43	0.38	0.30	0.27
1	JNR 252010D-R24M	0.24	±20	1M/0.1V	0.042max.	4.30	4.80	3.10	3.60
2	JNR 252010D-R47M	0.47	±20	1M/0.1V	0.042max.	3.20	4.00	3.10	3.60
3	JNR 252010D-R68M	0.68	±20	1M/0.1V	0.055max.	2.90	3.70	2.80	3.30
4	JNR 252010D-1R0M	1.0	±20	1M/0.1V	0.080max.	2.70	3.40	2.20	2.60

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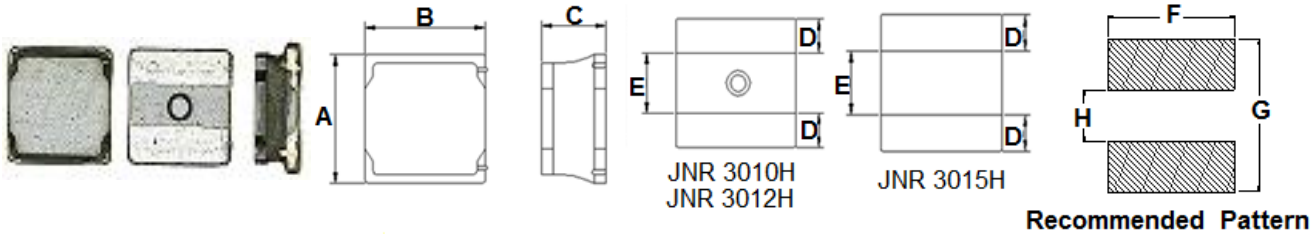
5	JNR 252010D-2R2M	2.2	±20	1M/0.1V	0.169max.	1.90	2.40	1.50	1.80
1	JNR 252010U-R47Y	0.47	±30	1M/0.1V	0.030±20%	2.57	2.85	2.50	2.80
2	JNR 252010U-R68Y	0.68	±30	1M/0.1V	0.039±20%	2.45	2.70	2.20	2.45
3	JNR 252010U-1R0Y	1.0	±30	1M/0.1V	0.055±20%	2.05	2.45	1.80	2.20
4	JNR 252010U-1R5Y	1.5	±30	1M/0.1V	0.090±20%	1.70	1.80	1.55	1.70
5	JNR 252010U-2R2M	2.2	±20	1M/0.1V	0.114±20%	1.55	1.60	1.40	1.55
6	JNR 252010U-3R3M	3.3	±20	1M/0.1V	0.170±20%	1.10	1.30	1.10	1.25
7	JNR 252010U-4R7M	4.7	±20	1M/0.1V	0.250±20%	0.95	1.10	0.92	1.05
8	JNR 252010U-6R8M	6.8	±20	1M/0.1V	0.370±20%	0.80	0.95	0.76	0.85
9	JNR 252010U-100M	10	±20	1M/0.1V	0.470±20%	0.65	0.75	0.67	0.75
10	JNR 252010U-150M	15	±20	1M/0.1V	0.750±20%	0.45	0.55	0.50	0.55
11	JNR 252010U-220M	22	±20	1M/0.1V	1.120±20%	0.40	0.50	0.45	0.50
1	JNR 252012U-R47Y	0.47	±30	1M/0.1V	0.028±20%	3.60	4.00	3.35	3.70
2	JNR 252012U-R68Y	0.68	±30	1M/0.1V	0.036±20%	2.70	3.00	3.00	3.30
3	JNR 252012U-1R0Y	1.0	±30	1M/0.1V	0.049±20%	2.45	2.70	2.30	2.60
4	JNR 252012U-1R5Y	1.5	±30	1M/0.1V	0.063±20%	2.05	2.30	1.95	2.20
5	JNR 252012U-2R2M	2.2	±20	1M/0.1V	0.080±20%	1.95	2.15	1.65	1.85
6	JNR 252012U-3R3M	3.3	±20	1M/0.1V	0.120±20%	1.50	1.70	1.30	1.45
7	JNR 252012U-4R7M	4.7	±20	1M/0.1V	0.176±20%	1.35	1.50	1.05	1.20
8	JNR 252012U-6R8M	6.8	±20	1M/0.1V	0.250±20%	1.00	1.15	0.90	1.00
9	JNR 252012U-100M	10	±20	1M/0.1V	0.410±20%	0.75	0.85	0.65	0.75
10	JNR 252012U-150M	15	±20	1M/0.1V	0.540±20%	0.56	0.63	0.54	0.60
11	JNR 252012U-220M	22	±20	1M/0.1V	0.850±20%	0.50	0.56	0.45	0.50

Note:

1. All test data referenced to 25℃ ambient
2. Isat：Based on inductance change （△L/L0：≦30%）
3. Irms：Based on temperature rise （△T：40℃.）

JNR 3 series

DIMENSIONS



mm

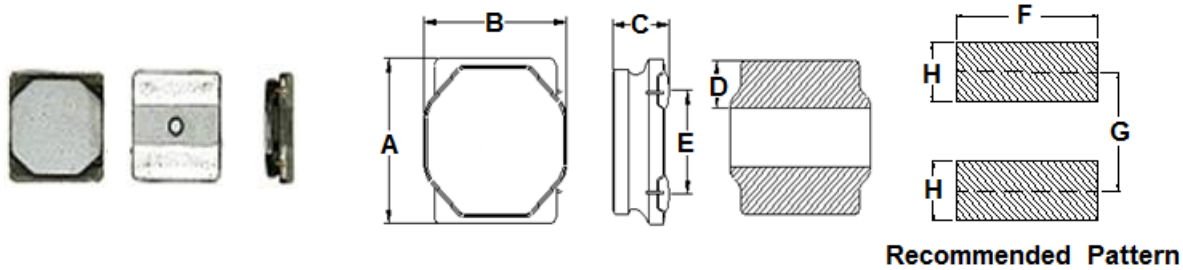
No	Part No.	A	B	C	D	E	F	G	H
1	JNR 3010H	3.0 ± 0.2	3.0 ± 0.2	1.0 Max.	1.0 Ref.	1.0 Ref.	3.2	3.2	1.0
2	JNR 3012H	3.0 ± 0.2	3.2 ± 0.2	1.2 Max.	1.0 Ref.	1.0 Ref.	3.2	3.2	1.0
3	JNR 3015H	3.0 ± 0.2	3.0 ± 0.2	1.5 Max.	1.0 Ref.	1.0 Ref.	3.2	3.2	1.0

SERIES LIST

No.	Part No.	L (μH)	Tol. %	Test Freq. (Hz)	RDC(Ω) ±20%	Isat(A) Typ.	Irms(A) Typ.
1	JNR 3010H-1R0N	1.0	±30	1M/0.1V	0.055	1.80	2.10
2	JNR 3010H-1R5N	1.5	±30	1M/0.1V	0.070	1.50	1.90
3	JNR 3010H-2R2M	2.2	±20	1M/0.1V	0.090	1.30	1.70
4	JNR 3010H-3R3M	3.3	±20	1M/0.1V	0.130	1.10	1.50
5	JNR 3010H-4R7M	4.7	±20	1M/0.1V	0.170	0.90	1.30
6	JNR 3010H-6R8M	6.8	±20	1M/0.1V	0.260	0.77	1.00
7	JNR 3010H-100M	10	±20	1M/0.1V	0.350	0.63	0.80
8	JNR 3010H-150M	15	±20	1M/0.1V	0.510	0.54	0.70
9	JNR 3010H-220M	22	±20	1M/0.1V	0.750	0.43	0.60
1	JNR 3012H-1R0N	1.0	±30	1M/0.1V	0.042	2.15	2.00
2	JNR 3012H-1R5N	1.5	±30	1M/0.1V	0.056	1.70	1.85
3	JNR 3012H-2R2M	2.2	±20	1M/0.1V	0.080	1.50	1.70
4	JNR 3012H-3R3M	3.3	±20	1M/0.1V	0.100	1.20	1.55
5	JNR 3012H-4R7M	4.7	±20	1M/0.1V	0.130	1.05	1.30
6	JNR 3012H-6R8M	6.8	±20	1M/0.1V	0.180	0.90	1.05
7	JNR 3012H-100M	10	±20	1M/0.1V	0.245	0.76	0.89
8	JNR 3012H-150M	15	±20	1M/0.1V	0.386	0.62	0.74
9	JNR 3012H-220M	22	±20	1M/0.1V	0.580	0.49	0.61
1	JNR 3015H-1R0N	1.0	±30	100K/1V	0.03	2.20	2.20
2	JNR 3015H-1R5N	1.5	±30	100K/1V	0.04	2.00	2.00
3	JNR 3015H-2R2M	2.2	±20	100K/1V	0.06	1.70	1.70
4	JNR 3015H-3R3M	3.3	±20	100K/1V	0.08	1.40	1.40
5	JNR 3015H-4R7M	4.7	±20	100K/1V	0.12	1.20	1.20
6	JNR 3015H-6R8M	6.8	±20	100K/1V	0.16	1.00	1.00
7	JNR 3015H-100M	10	±20	100K/1V	0.22	0.75	0.80
8	JNR 3015H-150M	15	±20	100K/1V	0.32	0.65	0.70
9	JNR 3015H-220M	22	±20	100K/1V	0.46	0.55	0.60
10	JNR 3015H-330M	33	±20	100K/1V	0.80	0.40	0.45
11	JNR 3015H-470M	47	±20	100K/1V	1.20	0.35	0.40

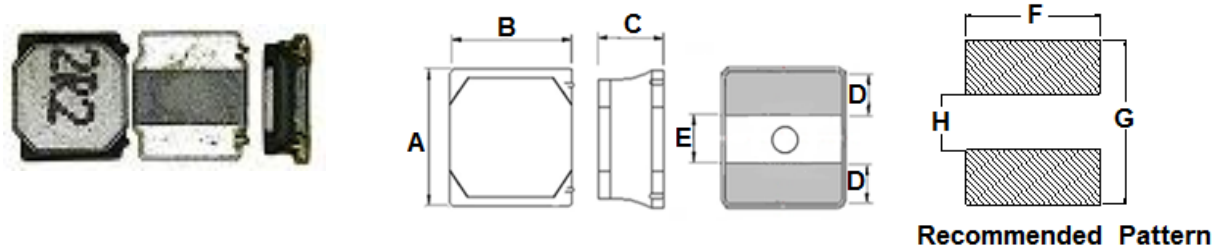
JNR 4 series

DIMENSIONS



mm

No	Part No.	A	B	C	D	E	F	G	H
1	JNR 4010H	4.0 ± 0.2	4.0 ± 0.2	1.0 Max.	1.2 Ref.	1.6 Ref.	4.2	4.2	1.2
2	JNR 4012H	4.0 ± 0.2	4.0 ± 0.2	1.2 Max.	1.2 Ref.	1.6 Ref.	4.2	4.2	1.2



mm

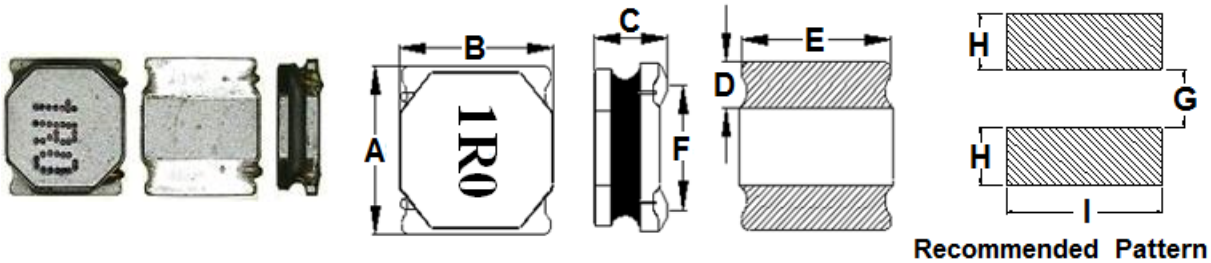
No	Part No.	A	B	C	D	E	F	G	H
1	JNR 4018H	4.0 ± 0.2	4.0 ± 0.2	1.8 Max.	1.1 ± 0.2	2.5 ± 0.2	3.7	2.8	1.2

SERIES LIST

No.	Part No.	L (μH)	Tol. %	Test Freq. (Hz)	RDC(Ω) ±20%	Isat(A) Typ.	Irms(A) Typ.
1	JNR 4010H-1R0N	1.0	±30	100K/1V	0.056	2.40	2.30
2	JNR 4010H-2R2M	2.2	±20	100K/1V	0.085	1.50	1.80
3	JNR 4010H-3R3M	3.3	±20	100K/1V	0.100	1.30	1.70
4	JNR 4010H-4R7M	4.7	±20	100K/1V	0.140	1.20	1.50
5	JNR 4010H-6R8M	6.8	±20	100K/1V	0.200	1.00	1.20
6	JNR 4010H-100M	10	±20	100K/1V	0.300	0.80	0.90
7	JNR 4010H-150M	15	±20	100K/1V	0.430	0.70	0.80
8	JNR 4010H-220M	22	±20	100K/1V	0.570	0.60	0.80
1	JNR 4012H-1R0N	1.0	±30	100K/1V	0.042	3.30	2.50
2	JNR 4012H-2R2M	2.2	±20	100K/1V	0.060	1.95	2.20
3	JNR 4012H-3R3M	3.3	±20	100K/1V	0.070	1.60	1.90
4	JNR 4012H-4R7M	4.7	±20	100K/1V	0.095	1.40	1.70
5	JNR 4012H-6R8M	6.8	±20	100K/1V	0.125	1.10	1.50
6	JNR 4012H-100M	10	±20	100K/1V	0.180	1.00	1.30
7	JNR 4012H-150M	15	±20	100K/1V	0.260	0.80	0.95
8	JNR 4012H-220M	22	±20	100K/1V	0.400	0.60	0.72
1	JNR 4018H-1R0N	1.0	±30	100K/1V	0.027	4.00	3.20
2	JNR 4018H-1R5N	1.5	±30	100K/1V	0.037	3.30	2.40
3	JNR 4018H-2R2M	2.2	±20	100K/1V	0.042	3.00	2.20
4	JNR 4018H-3R3M	3.3	±20	100K/1V	0.055	2.30	2.00
5	JNR 4018H-4R7M	4.7	±20	100K/1V	0.070	2.00	1.70
6	JNR 4018H-6R8M	6.8	±20	100K/1V	0.098	1.60	1.45

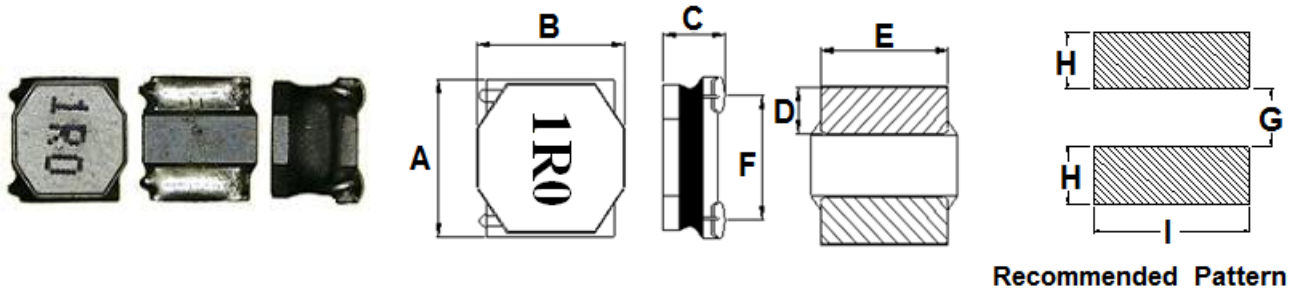
7	JNR 4018H-100M	10	±20	100K/1V	0.150	1.30	1.20
8	JNR 4018H-150M	15	±20	100K/1V	0.210	1.10	0.85
9	JNR 4018H-220M	22	±20	100K/1V	0.290	0.90	0.72
10	JNR 4018H-330M	33	±20	100K/1V	0.460	0.70	0.55
11	JNR 4018H-470M	47	±20	100K/1V	0.650	0.60	0.44
12	JNR 4018H-680M	68	±30	100K/1V	1.00	0.50	0.32
13	JNR 4018H-101M	100	±20	100K/1V	1.45	0.42	0.28
14	JNR 4018H-151M	150	±20	100K/1V	2.30	0.34	0.22
15	JNR 4018H-221M	220	±20	100K/1V	3.80	0.275	0.17

DIMENSIONS



mm

No	Part No.	A	B	C	D	E	F	G	H	I
1	JNR 5020	5.0 ± 0.2	5.0 ± 0.2	1.8 ± 0.2	1.3 ± 0.2	4.7 ± 0.2	3.7 Ref.	2.1	1.5	4.7



mm

No	Part No.	Inductance	A	B	C	D	E	F	G	H	I
2	JNR 5040	≤10 uH	5.0 ± 0.2	5.0 ± 0.2	3.9±0.2	1.3 ± 0.2	4.7 ± 0.2	3.7 Ref.	2.1	1.5	4.2
		>10 uH			3.8±0.2						

SERIES LIST

No	Part No.	L (μH)	TOL. (%)	RDC (mΩ) ±20%	I sat (A) Typ.	I rms (A) Typ.
1	JNR 5020H-1R0N	1.0	± 30	20	5.00	4.10
2	JNR 5020H-1R2N	1.2	± 30	20	4.80	3.80
3	JNR 5020H-1R5N	1.5	± 30	25	4.50	3.50
4	JNR 5020H-2R2N	2.2	± 30	32	4.10	3.30
5	JNR 5020H-2R7M	2.7	± 20	38	3.80	3.00
6	JNR 5020H-3R3M	3.3	± 20	43	3.50	2.80
7	JNR 5020H-4R7M	4.7	± 20	60	2.70	2.40
8	JNR 5020H-5R6M	5.6	± 20	69	2.40	2.10
9	JNR 5020H-6R8M	6.8	± 20	90	2.10	1.90
10	JNR 5020H-8R2M	8.2	± 20	98	1.90	1.75
11	JNR 5020H-100M	10	± 20	110	1.70	1.60
12	JNR 5020H-120M	12	± 20	135	1.40	1.40
13	JNR 5020H-150M	15	± 20	165	1.30	1.25
14	JNR 5020H-180M	18	± 20	190	1.20	1.17
15	JNR 5020H-220M	22	± 20	225	1.10	1.10
16	JNR 5020H-330M	33	± 20	335	0.80	0.80
17	JNR 5020H-470M	47	± 20	460	0.70	0.70
1	JNR 5040H-1R0N	1.0	± 30	12	7.50	5.00
2	JNR 5040H-1R5N	1.5	± 30	15	6.50	4.50
3	JNR 5040H-2R2N	2.2	± 30	21	5.70	3.80
4	JNR 5040H-3R3M	3.3	± 20	24	4.40	3.50
5	JNR 5040H-4R7M	4.7	± 20	32	3.90	3.20
6	JNR 5040H-6R8M	6.8	± 20	43	3.30	2.50
7	JNR 5040H-100M	10	± 20	56	2.52	2.20
8	JNR 5040H-150M	15	± 20	80	2.00	1.80
9	JNR 5040H-220M	22	± 20	123	1.62	1.50
10	JNR 5040H-330M	33	± 20	180	1.30	1.20
11	JNR 5040H-470M	47	± 20	270	1.10	1.00

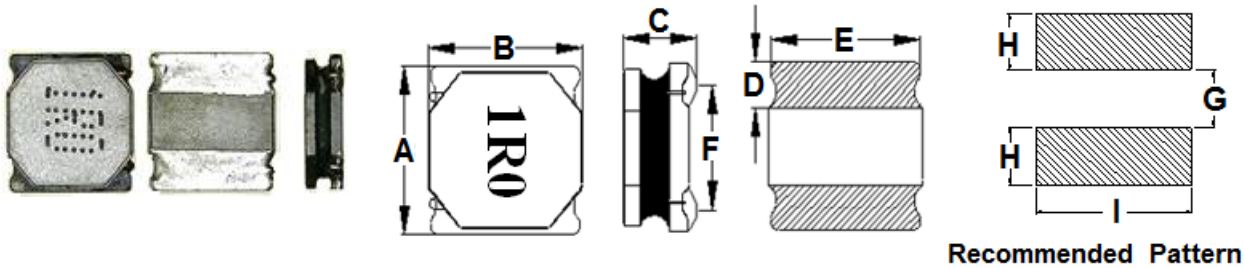
12	JNR 5040H-680M	68	± 20	400	0.90	0.80
13	JNR 5040H-101M	100	± 20	560	0.75	0.72

Note:

1. Test Frequency: 100KHz /1V
2. All test data referenced to 25℃ ambient
3. Saturation Current (Isat) will cause L0 to drop approximately 30%.
4. Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃
5. The part temperature (ambient + temp rise) should not exceed 125℃. Under worst case operating . Circuit design, component, PCB trace size and thickness, airflow and other cooling provisions all affect the part temperature. Part temperature should be verified in the end application.
6. Special inquiries besides the above common used types can be met on your requirement.

JNR 6 series

DIMENSIONS



mm

No	Part No.	A	B	C	D	E	F	G	H	I
1	JNR 6020H	6.0 ± 0.2	6.0 ± 0.2	1.8 ± 0.2	1.6 ± 0.3	5.8 ± 0.3	4.3 Ref.	2.5	1.8	5.8
2	JNR 6028H	6.0 ± 0.2	6.0 ± 0.2	2.6 ± 0.2	1.6 ± 0.3	5.8 ± 0.3	4.3 Ref.	2.5	1.8	5.8

SERIES LIST

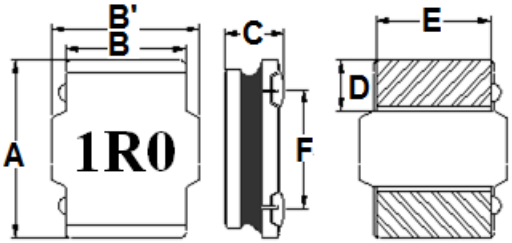
No	Part No.	L (μH)	TOL. (%)	RDC (mΩ) ±20%	I sat (A) Typ.	I rms (A) Typ.
1	JNR 6020H-1R0M	1.0	± 20	19	6.2	4.5
2	JNR 6020H-1R5M	1.5	± 20	22.5	5.5	3.8
3	JNR 6020H-2R0M	2.0	± 20	25	5.3	3.65
4	JNR 6020H-2R2M	2.2	± 20	29	5.0	3.5
5	JNR 6020H-3R3M	3.3	± 20	35	4.0	3.3
6	JNR 6020H-4R7M	4.7	± 20	54	3.0	2.8
7	JNR 6020H-5R6M	5.6	± 20	59	2.7	2.6
8	JNR 6020H-6R8M	6.8	± 20	78	2.6	2.5
9	JNR 6020H-8R2M	8.2	± 20	103	2.4	2.3
10	JNR 6020H-100M	10	± 20	106	2.1	2.1
11	JNR 6020H-150M	15	± 20	138	1.5	1.6
12	JNR 6020H-220M	22	± 20	204	1.3	1.4
1	JNR 6028H-1R0N	1.0	± 30	10	5.75	5.20
2	JNR 6028H-1R5N	1.5	± 30	14	5.30	4.95
3	JNR 6028H-2R2M	2.2	± 30	18	5.00	4.50
4	JNR 6028H-3R3M	3.3	± 20	24	4.30	3.60
5	JNR 6028H-4R7M	4.7	± 20	30	3.20	3.10
6	JNR 6028H-6R8M	6.8	± 20	47	2.85	2.50
7	JNR 6028H-100M	10	± 20	65	2.10	2.00
8	JNR 6028H-150M	15	± 20	98	2.00	1.80
9	JNR 6028H-220M	22	± 20	138	1.60	1.50
10	JNR 6028H-330M	33	± 20	200	1.40	1.30
11	JNR 6028H-470M	47	± 20	280	1.15	1.06
12	JNR 6028H-680M	68	± 20	420	1.00	0.81
13	JNR 6028H-101M	100	± 20	605	0.80	0.72

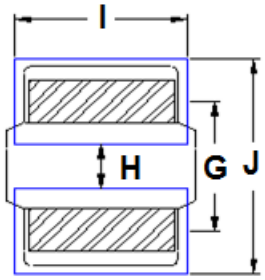
Note:
1. Test Frequency: 100KHz /1V
2. All test data referenced to 25℃ ambient
3. Saturation Current (Isat) will cause L0 to drop approximately 30%.
4. Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃
5. The part temperature (ambient + temp rise) should not exceed 125℃. Under worst case operating . Circuit design, component, PCB trace size and thickness, airflow and other cooling provisions all affect the part temperature. Part temperature should be verified in the end application.
6. Special inquiries besides the above common used types can be met on your requirement.

Shielded SMD Power Coils

JNR 6045 JNR 8040

DIMENSIONS





Recommended Pattern

mm

No	Part No.	A	B	B'	C	D	E	F	G	H	I	J
1	JNR 6045H	6.0±0.3	6.0±0.4	4.8±0.2	4.2±0.3	1.7±0.3	4.5±0.3	4.25±0.3	4.25	1.8	4.8	6.5
2	JNR8040H≤10uH JNR8040H>10uH	8.0±0.3	8.0±0.3	6.3±0.2	3.9±0.3 3.7±0.3	2.0±0.3	6.0±0.3	5.5±0.3	5.5	2.5	6.3	8.5

SERIES LIST

No	Part No.	L (μH)	TOL. (%)	RDC (mΩ) ±20%	I sat (A) Typ.	I rms (A) Typ.
1	JNR 6045H-R36M	0.36	± 20	4.8	18.00	9.00
2	JNR 6045H-R47M	0.47	± 20	6.8	17.00	8.60
3	JNR 6045H-R82M	0.82	± 20	8.5	14.50	8.20
4	JNR 6045H-1R0M	1.0	± 20	10.0	13.50	8.00
5	JNR 6045H-1R2M	1.2	± 20	10.5	12.50	7.50
6	JNR 6045H-1R3M	1.3	± 20	10.5	12.50	7.50
7	JNR 6045H-1R5M	1.5	± 20	11.7	12.00	7.00
8	JNR 6045H-1R8M	1.8	± 20	12.0	11.00	6.80
9	JNR 6045H-2R0M	2.0	± 20	13.5	10.50	6.50
10	JNR 6045H-2R2M	2.2	± 20	15.0	9.50	6.00
11	JNR 6045H-2R3M	2.3	± 20	16.0	9.30	5.80
12	JNR 6045H-3R0M	3.0	± 20	20.0	8.00	5.20
13	JNR 6045H-3R3M	3.3	± 20	21.0	7.80	5.00
14	JNR 6045H-3R6M	3.6	± 20	22.5	7.40	4.90
15	JNR 6045H-4R7M	4.7	± 20	26.0	6.80	4.50
16	JNR 6045H-5R6M	5.6	± 20	31.0	6.40	4.10
17	JNR 6045H-6R3M	6.3	± 20	33.0	5.90	3.80
18	JNR 6045H-6R8M	6.8	± 20	34.0	5.70	3.60
19	JNR 6045H-8R2M	8.2	± 20	46.0	5.10	3.40
20	JNR 6045H-100M	10	± 20	52.0	4.60	3.20
21	JNR 6045H-150M	15	± 20	71.0	3.80	2.80
22	JNR 6045H-180M	18	± 20	80.0	3.40	2.60
23	JNR 6045H-220M	22	± 20	96.0	3.30	2.30
24	JNR 6045H-330M	33	± 20	145	2.50	1.80
25	JNR 6045H-470M	47	± 20	200	2.00	1.60
26	JNR 6045H-560M	56	± 20	230	1.80	1.40

27	JNR 6045H-680M	68	± 20	305	1.60	1.10
28	JNR 6045H-820M	82	± 20	365	1.50	0.98
29	JNR 6045H-101M	100	± 20	456	1.33	0.92
30	JNR 6045H-121M	120	± 20	500	1.20	0.85
31	JNR 6045H-151M	150	± 20	626	1.10	0.75
32	JNR 6045H-181M	180	± 20	745	1.00	0.68
33	JNR 6045H-221M	220	± 20	900	0.88	0.60
34	JNR 6045H-331M	330	± 20	1400	0.60	0.55
35	JNR 6045H-471M	470	± 20	2050	0.50	0.40
1	JNR 8040H-1R0M	1.0	± 20	8.2	13.80	8.50
2	JNR 8040H-1R2M	1.2	± 20	8.2	12.80	8.30
3	JNR 8040H-1R4M	1.4	± 20	10	11.80	8.20
4	JNR 8040H-1R5M	1.5	± 20	10	11.50	8.00
5	JNR 8040H-1R6M	1.6	± 20	10	11.50	8.00
6	JNR 8040H-2R0M	2.0	± 20	11	10.20	7.50
7	JNR 8040H-2R2M	2.2	± 20	12	9.80	7.40
8	JNR 8040H-2R7M	2.7	± 20	13	9.00	7.00
9	JNR 8040H-3R3M	3.3	± 20	15	8.00	6.60
10	JNR 8040H-4R7M	4.7	± 20	20	6.70	5.80
11	JNR 8040H-5R6M	5.6	± 20	22	6.20	5.40
12	JNR 8040H-6R8M	6.8	± 20	25	5.60	5.10
13	JNR 8040H-8R2M	8.2	± 20	30	5.30	4.80
14	JNR 8040H-100M	10	± 20	33	5.00	4.60
15	JNR 8040H-150M	15	± 20	50	4.00	3.60
16	JNR 8040H-220M	22	± 20	73	3.10	2.90
17	JNR 8040H-330M	33	± 20	100	2.60	2.30
18	JNR 8040H-470M	47	± 20	135	2.20	2.00
19	JNR 8040H-560M	56	± 20	160	1.90	1.75
20	JNR 8040H-680M	68	± 20	205	1.75	1.65
21	JNR 8040H-820M	82	± 20	230	1.60	1.40
22	JNR 8040H-101M	100	± 20	300	1.45	1.20
23	JNR 8040H-121M	120	± 20	350	1.30	1.10
24	JNR 8040H-151M	150	± 20	410	1.20	0.98
25	JNR 8040H-181M	181	± 20	490	1.04	0.91
26	JNR 8040H-221M	220	± 20	610	0.99	0.85
27	JNR 8040H-331M	330	± 20	850	0.75	0.70
28	JNR 8040H-471M	470	± 20	1300	0.60	0.63

Note:

1. Test Frequency: 1MHz /1V , 100kHz/JNR 8040H 331~471
2. All test data referenced to 25℃ ambient
3. Saturation Current (Isat) will cause L0 to drop approximately 30%.
4. Heat Rated Current (Irms) will cause the coil temperature rise approximately ΔT of 40℃
5. The part temperature (ambient + temp rise) should not exceed 125℃. Under worst case operating . Circuit design, component, PCB trace size and thickness, airflow and other cooling provisions all affect the part temperature. Part temperature should be verified in the end application.
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