

FNR series (Rev. 4.0)



Features

- * RoHS compliant
- * Highly accurate dimensions
- * Terminals are highly resistant to external forces
- * Highly reliable in environments of sudden temperature change and humidity
- * Superior EMI characteristics with ultra low radiation comparing to conventional shielded power inductors

Product Identification

FNR **252012** - **100** **M** **H**
 1 2 3 4 5

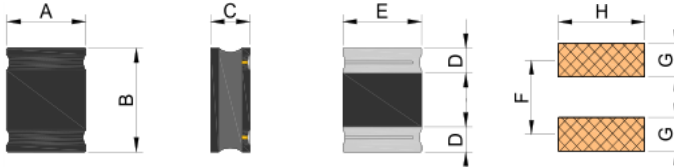
1. Product Code
2. Size Code
3. Inductance: 10uH
4. Tolerance: M=±20%
5. H: High current

Standard Atmospheric Conditions :

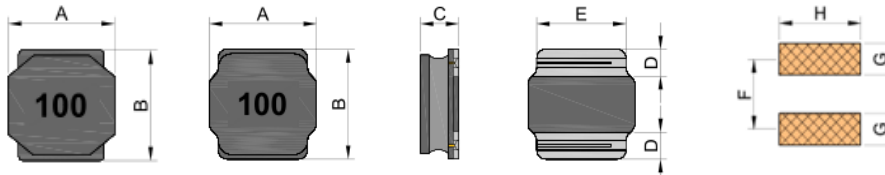
- * Ambient Temp : 25±5 °C
- * Relative Humidity : 65 ±20%

Dimensions & Recommended PAD Layout: [mm]

FNR201610/252010/252012



FNR3010/3015/4012/4018/4020/4030/5020/5030/5040/6015/6020/6028/6045/8040/8065/1050



Size Code	A(±0.2)	B(±0.2)	C(max.)	D	E(ref.)	F(ref.)	G(ref.)	H(ref.)
201610	1.6	2.0	1.0	0.6±0.2	1.2	1.3	0.8	1.6
252010	2.0	2.5	1.1	0.8±0.2	1.5	1.7	0.9	2.0
252012	2.0	2.5	1.2±0.2	0.8±0.2	2.0	1.7	0.9	2.0
3010	3.0	3.0	1.0	0.75±0.5	2.5	2.2	1.0	2.7
3015	3.0	3.0	1.5	0.75±0.5	2.5	2.2	1.0	2.7
4012	4.0	4.0	1.3	0.95±0.2	3.3	2.8	1.2	3.7
4018	4.0	4.0	1.8±0.2	0.95±0.2	3.3	2.8	1.2	3.7
4020	4.0	4.0	2.1	0.95±0.2	3.3	2.8	1.2	3.7
4030	4.0	4.0	3.0	0.95±0.2	3.3	2.8	1.2	3.7
5020	5.0	5.0	2.0	1.30±0.2	4.0	3.8	1.4	4.2
5030	5.0	5.0	3.0	1.25±0.2	4.0	3.8	1.4	4.2
5040	5.0	5.0	4.0	1.25±0.2	4.0	3.8	1.4	4.2
6015	6.0±0.3	6.0±0.3	1.5±0.3	1.55±0.3	5.0	4.6	1.7	5.7
6020	6.0±0.3	6.0±0.3	2.2	1.7±0.3	5.0	4.6	1.7	5.7
6028	6.0±0.3	6.0±0.3	2.8	1.7±0.3	5.0	4.6	1.7	5.7
6045	6.0±0.3	6.0±0.3	4.5	1.7±0.3	5.0	4.6	1.7	5.7
8040	8.0±0.3	8.0±0.3	4.0±0.2	2.2±0.3	6.5	6.0	2.2	7.5
8065	8.0±0.3	8.0±0.3	6.5	2.1±0.3	6.5	6.0	2.2	7.5
1050	10.0±0.3	10.0±0.3	5.0	1.7±0.2	5.0	9.3	1.8	5.5

FNR series, an automatic assembly constructed power inductor, is shielded with magnetic resin and suitable for portable DC-DC converter applications.

Applications

- * LCD TV
- * Ap router
- * STB and smart phone
- * Touch panel
- * DSC
- * Game console and other electronic devices
- * Monitor

Operating & Storage Condition :

- * Operating Temp Stand Type: -40 to +105 °C
- * Storage Temp Stand Type: -25 to +125 °C
- * Storage Life Time : 6 months @20 °C, RH65%

Test Equipment :

- * L: WK3260 LCR Meter
- * RDC : Twintex TM8089A
- * IDC: WK3260+3265B DC-Bias
- * Temperature: TECPEL 305A
- * Dimension: Mitutoyo

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Electrical Characteristics

P/N	L (μ H)	Test Freq. (KHz/1.0V)	Tolerance (\pm %)	DCR ($m\Omega$) $\pm 30\%$	Isat (mA) max.	Irms (mA) typ.
FNR252010-R24MH	0.24	1000	20	33.0 max.	6100	3700
FNR252010-R33MH	0.33	1000	20	39.0 max.	4800	3500
FNR252010-R47MH	0.47	1000	20	45.0 max.	4400	3200
FNR252010-R68MH	0.68	1000	20	59.0 max.	3200	2750
FNR252010-1R0MH	1.00	1000	20	85.0 max.	3100	2500
FNR252010-1R5MH	1.50	1000	20	106.0 max.	2600	2000
FNR252010-2R2MH	2.20	1000	20	155.0 max.	1900	1500
FNR252010-3R3MH	3.30	1000	20	235.0 max.	1600	1200
FNR252010-4R7MH	4.70	1000	20	290.0 max.	1300	1000
FNR252012-R24MH	0.24	1000	20	23.0 max.	6500	4050
FNR252012-R33MH	0.33	1000	20	28.0 max.	5350	3700
FNR252012-R47MH	0.47	1000	20	35.0 max.	4900	3450
FNR252012-R68MH	0.68	1000	20	45.0 max.	3800	3150
FNR252012-1R0MH	1.00	1000	20	54.0 max.	3600	3000
FNR252012-1R5MH	1.50	1000	20	72.0 max.	2900	2400
FNR252012-2R2MH	2.20	1000	20	120.0 max.	2600	1900
FNR252012-3R3MH	3.30	1000	20	163.0 max.	1700	1800
FNR252012-4R7MH	4.70	1000	20	260.0 max.	1600	1250
FNR252012-6R8MH	6.80	1000	20	366.0 max.	1200	950
FNR252012-100MH	10.00	1000	20	480.0 max.	1100	850
FNR201610-R24M	0.24	1000	20	33.0	3700	2800
FNR201610-R33M	0.33	1000	20	41.0	3000	2400
FNR201610-R47M	0.47	1000	20	50.0	2300	2300
FNR201610-R68M	0.68	1000	20	63.0	1950	2000
FNR201610-1R0M	1.00	1000	20	96.0	1650	1450
FNR201610-2R2M	2.20	1000	20	215.0	1200	1050
FNR201610-3R3M	3.30	1000	20	345.0	1000	850
FNR201610-4R7M	4.70	1000	20	400.0	750	700
FNR201610-R24MH	0.24	1000	20	40.0 max.	4500	3000
FNR201610-R33MH	0.33	1000	20	49.0 max.	4400	2700
FNR201610-R47MH	0.47	1000	20	49.0 max.	4060	2700
FNR201610-R56MH	0.56	1000	20	53.0 max.	3800	2600
FNR201610-R68MH	0.68	1000	20	65.0 max.	3500	2500
FNR201610-1R0MH	1.00	1000	20	95.0 max.	3300	2000
FNR201610-1R5MH	1.50	1000	20	130.0 max.	1950	1700
FNR201610-2R2MH	2.20	1000	20	180.0 max.	1900	1400
FNR201610-3R3MH	3.30	1000	20	307.0 max.	1400	1100
FNR201610-4R7MH	4.70	1000	20	425.0 max.	1100	900
FNR201610-100MH	10.00	1000	20	875.0 max.	800	600
FNR252010-R47N	0.47	100	30	47.0	2500	2350
FNR252010-R68N	0.68	100	30	62.0	2200	2000
FNR252010-1R0N	1.00	100	30	90.0	1850	1650
FNR252010-1R5N	1.50	100	30	152.0	1800	1300
FNR252010-2R2N	2.20	100	30	174.0	1200	1200
FNR252010-3R3M	3.30	100	20	273.0	1050	900
FNR252010-4R7M	4.70	100	20	469.0	950	700
FNR252010-6R8M	6.80	100	20	747.0	780	590
FNR252010-100M	10.0	100	20	910.0	650	500

* Irms: DC current that will cause an approximate ΔT of 40 °C.

* Isat : DC current that will cause L to drop approximately 30%.

FNR series (Rev. 4.0)

Electrical Characteristics

P/N	L (μ H)	Test Freq. (KHz/1.0V)	Tolerance (\pm %)	DCR ($m\Omega$) $\pm 30\%$	Isat (mA) max.	Irms (mA) typ.
FNR252012-R47N	0.47	100	30	42.0	3820	2150
FNR252012-R68N	0.68	100	30	73.0	2700	1730
FNR252012-1R0N	1.00	100	30	85.0	2680	1580
FNR252012-1R2N	1.20	100	30	99.0	2380	1460
FNR252012-1R5M	1.50	100	20	113.0	2240	1400
FNR252012-2R2M	2.20	100	20	165.0	1850	1150
FNR252012-3R3M	3.30	100	20	200.0	1610	1040
FNR252012-4R7M	4.70	100	20	315.0	1180	840
FNR252012-5R6M	5.60	100	20	414.0	1110	730
FNR252012-6R8M	6.80	100	20	447.0	980	690
FNR252012-8R2M	8.20	100	20	506.0	980	650
FNR252012-100M	10.00	100	20	575.0	880	620
FNR252012-120M	12.00	100	20	827.0	780	510
FNR252012-150M	15.00	100	20	900.0	620	400
FNR252012--220M	22.00	100	20	1520.0	530	380
FNR3010-1R0N	1.00	100	30	65.0	1400	1450
FNR3010-1R5N	1.50	100	30	80.0	1270	1300
FNR3010-2R2M	2.20	100	20	110.0	1150	1090
FNR3010-3R3M	3.30	100	20	145.0	970	960
FNR3010-4R7M	4.70	100	20	225.0	750	770
FNR3010-6R8M	6.80	100	20	305.0	550	660
FNR3010-100M	10.00	100	20	400.0	550	580
FNR3010-150M	15.00	100	20	610.0	420	470
FNR3010-220M	22.00	100	20	930.0	350	380
FNR3015-1R0N	1.00	100	30	37.0	2320	2100
FNR3015-1R5N	1.50	100	30	50.0	2000	1700
FNR3015-2R2N	2.20	100	30	60.0	1600	1600
FNR3015-3R3M	3.30	100	20	80.0	1320	1360
FNR3015-4R7M	4.70	100	20	125.0	1100	1090
FNR3015-4R7MH	4.70	100	20	185.0	2500	1700
FNR3015-6R8M	6.80	100	20	200.0	850	850
FNR3015-100M	10.0	100	20	250.0	720	770
FNR3015-100MH	10.0	100	20	450.0	2000	1100
FNR3015-150M	15.0	100	20	350.0	660	650
FNR3015-220M	22.0	100	20	460.0	520	570
FNR3015-330M	33.0	100	20	820.0	440	430
FNR3015-470M	47.0	100	20	1250.0	350	350
FNR4012-R56MH	0.56	1000	20	40.0	6000	3200
FNR4012-R68MH	0.68	1000	20	42.0	5200	3200
FNR4012-1R0MH	1.00	1000	20	49.0	3800	3000
FNR4012-2R2MH	2.20	1000	20	75.0	2800	2500
FNR4012-3R3MH	3.30	1000	20	106.0	2800	2000
FNR4012-4R7MH	4.70	1000	20	145.0	2300	1800
FNR4012-6R8MH	6.80	1000	20	190.0	1600	1500
FNR4012-100MH	10.00	1000	20	300.0	1550	850

* I rms : DC current that will cause an approximate ΔT of 40 $^{\circ}$ C.

* Isat : DC current that will cause L to drop approximately 30%.

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Electrical Characteristics

P/N	L (uH)	Test Freq. (KHz/1.0V)	Tolerance (± %)	DCR (mΩ) ±30%	Isat (mA) max.	Irms (mA) typ.
FNR4012-1R0N	1.00	100	30	60.0	2500	1500
FNR4012-2R2M	2.20	100	20	90.0	1650	1200
FNR4012-3R3M	3.30	100	20	130.0	1200	980
FNR4012-4R7M	4.70	100	20	120.0	1200	960
FNR4012-6R8M	6.80	100	20	180.0	900	840
FNR4012-100M	10.00	100	20	240.0	740	770
FNR4012-150M	15.00	100	20	400.0	650	600
FNR4012-220M	22.00	100	20	480.0	510	540
FNR4012-330M	33.00	100	20	810.0	400	420
FNR4012-470M	47.00	100	20	1000.0	350	370
FNR4018-1R0N	1.00	100	30	23.0	4500	2500
FNR4018-1R5N	1.50	100	30	33.0	3350	2340
FNR4018-2R2M	2.20	100	20	44.0	2700	2000
FNR4018-3R3M	3.30	100	20	70.0	2450	1900
FNR4018-4R7M	4.70	100	20	90.0	1700	1700
FNR4018-5R6M	5.60	100	20	103.0	1600	1500
FNR4018-6R8M	6.80	100	20	124.0	1450	1300
FNR4018-100M	10.00	100	20	200.0	1300	1100
FNR4018-150M	15.00	100	20	268.0	940	920
FNR4018-220M	22.00	100	20	390.0	800	800
FNR4018-330M	33.00	100	20	560.0	650	600
FNR4018-470M	47.00	100	20	850.0	570	500
FNR4018-680M	68.00	100	20	1000.0	470	320
FNR4018-101M	100.00	100	20	1750.0	400	250
FNR4018-151M	150.00	100	20	2500.0	310	220
FNR4018-221M	220.00	100	20	4000.0	270	170
FNR4020-R24MH	0.24	1000	20	13.0	14000	7000
FNR4020-R33MH	0.33	1000	20	15.0	13000	6800
FNR4020-R47MH	0.47	1000	20	16.0	11000	6800
FNR4020-R68MH	0.68	1000	20	19.2	9000	6700
FNR4020-1R0MH	1.00	1000	20	23.0	8700	6000
FNR4020-1R5MH	1.50	1000	20	32.0	7700	4800
FNR4020-2R2MH	2.20	1000	20	46.0	6000	4000
FNR4020-3R3MH	3.30	1000	20	73.0	4700	3400
FNR4020-4R7MH	4.70	1000	20	95.0	4000	2850
FNR4020-6R8MH	6.80	1000	20	130.0	3000	2400
FNR4020-8R2MH	8.20	1000	20	175.0	2900	2100
FNR4020-100MH	10.00	1000	20	190.0	2800	2000
FNR4020-150MH	15.00	1000	20	305.0	2100	750
FNR4020-1R0N	1.00	100	30	28.0	5100	2150
FNR4020-1R2N	1.20	100	30	29.0	4700	2100
FNR4020-1R5N	1.50	100	30	35.0	4450	1980
FNR4020-2R2M	2.20	100	20	40.0	3400	1850
FNR4020-3R3M	3.30	100	20	70.0	3200	1400
FNR4020-4R7M	4.70	100	20	80.0	2350	1340
FNR4020-5R6M	5.60	100	20	95.0	2200	1220
FNR4020-6R8M	6.80	100	20	125.0	2000	1040
FNR4020-8R2M	8.20	100	20	150.0	1750	1000
FNR4020-100M	10.00	100	20	165.0	1600	900
FNR4020-120M	12.00	100	20	175.0	1500	880
FNR4020-150M	15.00	100	20	230.0	1350	770
FNR4020-220M	22.00	100	20	350.0	1050	620
FNR4020-270M	27.00	100	20	545.0	1020	500
FNR4020-330M	33.00	100	20	550.0	850	490
FNR4020-470M	47.00	100	20	710.0	740	440
FNR4020-680M	68.00	100	20	1250.0	600	350

* Irms: DC current that will cause an approximate ΔT of 40 °C.

*Isat: DC current that will cause L to drop approximately 30%.

FNR series (Rev. 4.0)**Electrical Characteristics**

P/N	L (uH)	Test Freq. (KHz/1.0V)	Tolerance (± %)	DCR (mΩ) ±30%	Isat (mA) max.	Irms (mA) typ.
FNR4030-R47N	0.47	100	30	11.0	7500	3500
FNR4030-1R0N	1.00	100	30	15.0	5900	3400
FNR4030-1R5N	1.50	100	30	25.0	4850	3300
FNR4030-2R2M	2.20	100	20	35.0	4100	2950
FNR4030-3R3M	3.30	100	20	40.0	3300	2400
FNR4030-4R7M	4.70	100	20	60.0	2900	2000
FNR4030-5R6M	5.60	100	20	70.0	2750	1950
FNR4030-6R8M	6.80	100	20	75.0	2600	1700
FNR4030-7R5M	7.50	100	20	90.0	2200	1650
FNR4030-8R2M	8.20	100	20	100.0	2100	1600
FNR4030-100M	10.00	100	20	115.0	1950	1500
FNR4030-120M	12.00	100	20	140.0	1700	1350
FNR4030-150M	15.00	100	20	190.0	1650	1150
FNR4030-180M	18.00	100	20	215.0	1400	1100
FNR4030-220M	22.00	100	20	225.0	1300	1000
FNR4030-330M	33.00	100	20	330.0	1100	840
FNR4030-470M	47.00	100	20	500.0	850	650
FNR4030-560M	56.00	100	20	560.0	850	650
FNR4030-680M	68.00	100	20	750.0	750	550
FNR4030-820M	82.00	100	20	950.0	680	500
FNR4030-101M	100.00	100	20	1150.0	600	450
FNR5020-1R0N	1.00	100	30	20.0	4330	3700
FNR5020-1R5N	1.50	100	30	26.0	4100	3200
FNR5020-2R2N	2.20	100	30	38.0	3850	2900
FNR5020-3R3M	3.30	100	20	46.0	3250	2400
FNR5020-4R7M	4.70	100	20	65.0	2400	2050
FNR5020-6R8M	6.80	100	20	92.0	2100	1700
FNR5020-100M	10.00	100	20	125.0	1800	1500
FNR5020-120M	12.00	100	20	140.0	1500	1400
FNR5020-150M	15.00	100	20	180.0	1440	1250
FNR5020-180M	18.00	100	20	200.0	1250	1150
FNR5020-220M	22.00	100	20	250.0	1180	1050
FNR5020-330M	33.00	100	20	370.0	970	830
FNR5020-470M	47.00	100	20	560.0	810	700
FNR5020-560M	56.00	100	20	630.0	770	660
FNR5020-101M	100.00	100	20	1100.0	530	530

* Irms: DC current that will cause an approximate ΔT of 40 °C.

* Isat : DC current that will cause L to drop approximately 30%.

(Rev. 4.0)

[illegible]

* Isat : DC current that will cause L to drop approximately 30%.

FNR series (Rev. 4.0)**Electrical Characteristics**

P/N	L (uH)	Test Freq. (KHz/1.0V)	Tolerance (± %)	DCR (mΩ) ±30%	Isat (mA) max.	Irms (mA) typ.
FNR5040-1R0N	1.00	100	30	13.0	7350	4900
FNR5040-1R5N	1.50	100	30	15.0	6300	4300
FNR5040-2R2N	2.20	100	30	19.0	4900	3800
FNR5040-3R3N	3.30	100	30	24.0	3950	3400
FNR5040-3R9N	3.90	100	30	27.0	3550	3200
FNR5040-4R7N	4.70	100	30	30.0	3500	3000
FNR5040-5R6M	5.60	100	20	33.0	3200	2800
FNR5040-6R8M	6.80	100	20	43.0	2900	2500
FNR5040-100M	10.00	100	20	64.0	2350	2100
FNR5040-150M	15.00	100	20	86.0	2000	2000
FNR5040-220M	22.00	100	20	129.0	1600	1500
FNR5040-270M	27.00	100	20	165.0	1500	1300
FNR5040-330M	33.00	100	20	188.0	1300	1200
FNR5040-470M	47.00	100	20	270.0	1100	1000
FNR5040-680M	68.00	100	20	400.0	900	800
FNR5040-101M	100.00	100	20	560.0	750	700
FNR5040-221M	220.00	100	20	1330.0	450	400
FNR6015-1R2N	1.20	100	30	35.0	4200	2800
FNR6015-2R2N	2.20	100	30	50.0	3100	2300
FNR6015-3R3N	3.30	100	30	60.0	2600	2100
FNR6015-4R7M	4.70	100	20	90.0	2100	1900
FNR6015-5R6M	5.60	100	20	92.0	2000	1800
FNR6015-6R8M	6.80	100	20	115.0	1800	1650
FNR6015-100M	10.00	100	20	155.0	1450	1350
FNR6015-150M	15.00	100	20	220.0	1200	1200
FNR6015-220M	22.00	100	20	320.0	1000	1000
FNR6020-1R0N	1.00	100	30	20.0	4150	3500
FNR6020-1R5N	1.50	100	30	22.0	4250	3200
FNR6020-2R2N	2.20	100	30	28.0	3750	2750
FNR6020-3R3N	3.30	100	30	35.0	3150	2600
FNR6020-4R7N	4.70	100	30	58.0	3000	2000
FNR6020-6R8N	6.80	100	30	79.0	2200	1800
FNR6020-100M	10.00	100	20	105.0	1750	1400
FNR6020-120M	12.00	100	20	120.0	1450	1300
FNR6020-150M	15.00	100	20	145.0	1200	1200
FNR6020-180M	18.00	100	20	180.0	1200	1080
FNR6020-220M	22.00	100	20	204.0	1050	1000

* Irms: DC current that will cause an approximate ΔT of 40 °C.

* Isat : DC current that will cause L to drop approximately 30%.

FNR series (Rev. 4.0)**Electrical Characteristics**

P/N	L (uH)	Test Freq. (KHz/1.0V)	Tolerance (± %)	DCR (mΩ) ±30%	Isat (mA) max.	Irms (mA) typ.
FNR6028-1R0N	1.00	100	30	12.0	6700	4600
FNR6028-1R5N	1.50	100	30	16.0	6000	4300
FNR6028-2R2N	2.20	100	30	20.0	5100	3750
FNR6028-3R3N	3.30	100	30	25.0	3630	3400
FNR6028-4R7N	4.70	100	30	33.0	3000	3000
FNR6028-5R6M	5.60	100	20	45.0	2800	2450
FNR6028-6R8M	6.80	100	20	56.0	2600	2400
FNR6028-8R2M	8.20	100	20	68.0	2400	2250
FNR6028-100M	10.00	100	20	78.0	2050	1900
FNR6028-120M	12.00	100	20	88.0	1800	1700
FNR6028-150M	15.00	100	20	125.0	1750	1500
FNR6028-180M	18.00	100	20	130.0	1550	1450
FNR6028-220M	22.00	100	20	140.0	1450	1400
FNR6028-270M	27.00	100	20	180.0	1400	1300
FNR6028-330M	33.00	100	20	220.0	1350	1100
FNR6028-470M	47.00	100	20	280.0	1150	1050
FNR6028-680M	68.00	100	20	450.0	950	850
FNR6028-820M	82.00	100	20	550.0	800	700
FNR6028-101M	100.00	100	20	670.0	650	600
FNR6045-1R0N	1.00	100	30	10.0	9000	5100
FNR6045-1R5N	1.50	100	30	12.0	8800	4950
FNR6045-2R2N	2.20	100	30	13.0	6750	4600
FNR6045-3R3N	3.30	100	30	20.0	5300	3200
FNR6045-4R7M	4.70	100	20	24.0	4500	3000
FNR6045-5R6M	5.60	100	20	31.0	3700	2800
FNR6045-6R8M	6.80	100	20	33.0	3300	2700
FNR6045-100M	10.0	100	20	52.0	3000	2500
FNR6045-120M	12.0	100	20	60.0	2800	2200
FNR6045-150M	15.0	100	20	77.0	2500	1900
FNR6045-180M	18.0	100	20	81.0	2200	1850
FNR6045-220M	22.0	100	20	115.0	2000	1500
FNR6045-270M	27.0	100	20	130.0	1800	1450
FNR6045-330M	33.0	100	20	150.0	1650	1450
FNR6045-470M	47.0	100	20	220.0	1400	1200
FNR6045-560M	56.0	100	20	260.0	1300	1100
FNR6045-680M	68.0	100	20	290.0	1200	900
FNR6045-820M	82.0	100	20	341.0	1050	850
FNR6045-101M	100.0	100	20	430.0	1000	800
FNR6045-121M	120.0	100	20	484.0	860	770
FNR6045-151M	150.0	100	20	580.0	800	700
FNR6045-221M	220.0	100	20	834.0	700	590
FNR6045-331M	330.0	100	20	1270.0	570	570
FNR6045-102M	1000.0	100	20	5300.0	250	200

* Irms: DC current that will cause an approximate ΔT of 40 °C.

* Isat : DC current that will cause L to drop approximately 30%.

FNR series (Rev. 4.0)**Electrical Characteristics**

P/N	L (uH)	Test Freq. (KHz/1.0V)	Tolerance (± %)	DCR (mΩ) ±30%	Isat (mA) max.	Irms (mA) typ.
FNR8040-1R0N	1.00	100	30	8.0	9850	6300
FNR8040-1R5N	1.50	100	30	10.0	8150	5650
FNR8040-2R2N	2.20	100	30	12.0	7100	5150
FNR8040-3R3N	3.30	100	30	17.0	6500	4400
FNR8040-4R7N	4.70	100	30	20.0	5900	4000
FNR8040-5R6M	5.60	100	20	24.0	5500	3800
FNR8040-6R8M	6.80	100	20	28.0	4550	3600
FNR8040-8R2M	8.20	100	20	35.0	4200	3400
FNR8040-100M	10.00	100	20	37.0	3600	3100
FNR8040-120M	12.00	100	20	42.0	3500	2800
FNR8040-150M	15.00	100	20	56.0	2950	2500
FNR8040-180M	18.00	100	20	60.0	2700	2400
FNR8040-220M	22.00	100	20	74.0	2400	2000
FNR8040-270M	27.00	100	20	78.0	2150	1900
FNR8040-330M	33.00	100	20	100.0	2050	1700
FNR8040-470M	47.00	100	20	158.0	1750	1500
FNR8040-680M	68.00	100	20	196.0	1450	1200
FNR8040-820M	82.00	100	20	225.0	1300	1150
FNR8040-101M	100.00	100	20	295.0	1150	1000
FNR8040-121M	120.00	100	20	334.0	1120	950
FNR8040-151M	150.00	100	20	470.0	1100	800
FNR8040-181M	180.00	100	20	610.0	900	750
FNR8040-221M	220.00	100	20	660.0	850	700
FNR8040-331M	330.00	100	20	970.0	680	550
FNR8065-150M	15.00	100	20	45.0	5200	3500
FNR8065-220M	22.00	100	20	54.0	4300	2850
FNR8065-330M	33.00	100	20	83.0	3600	2000
FNR8065-470M	47.00	100	20	135.0	2850	1800
FNR8065-680M	68.00	10	20	181.0	2500	1500
FNR8065-101M	100.00	10	20	250.0	2000	1300
FNR8065-151M	150.00	10	20	360.0	1600	1000
FNR8065-221M	220.00	10	20	528.0	1300	900
FNR1050-220M	22.00	100	20	65.0	4300	3500
FNR1050-330M	33.00	100	20	90.0	4000	3000
FNR1050-470M	47.00	100	20	125.0	3300	2500
FNR1050-680M	68.00	100	20	181.0	3000	2000
FNR1050-101M	100.00	100	20	260.0	2500	1600
FNR1050-221M	220.00	100	20	520.0	1800	1100

* Irms: DC current that will cause an approximate ΔT of 40 °C.

* Isat : DC current that will cause L to drop approximately 30%.