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CSMNR 系列

* FEATURES 特性

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core results in excellent shock resistance and damage-free durability, Closed magnetic circuit design reduces leakage flux and Electro Magnetic Interference (EMI), 20% higher current rating than conventional inductors of equal size

磁芯具有优异的抗冲击性和无损伤耐久性. 闭合磁路设计可减少漏磁和电磁干扰 (EMI), 比同等尺寸的传统电感器的额定电流高 20%。

* APPLICATIONS 用途

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Power supply choke for small electrical equipments such as VTR, LCD display, Notebook, communication equipment, and so on

适用于录像机、液晶显示器、笔记本电脑、通讯设备等小型电气设备的电源扼流圈等

* Part NumberING SYSTEM 品名系统

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CSMNR 4030 - 4R7 M
 1 2 3 4

①

华锐达品名	
CSMNR	点磁胶电感

②

产品型号	
103R	10*10*3
104R	10*10*4
105R	10*10*5

③

产品感值	
4R7	4.7 μ H
470	47 μ H
471	470 μ H
472	1000 μ H

④

感量公差	
K	$\pm 10\%$
M	$\pm 20\%$
N	$\pm 30\%$

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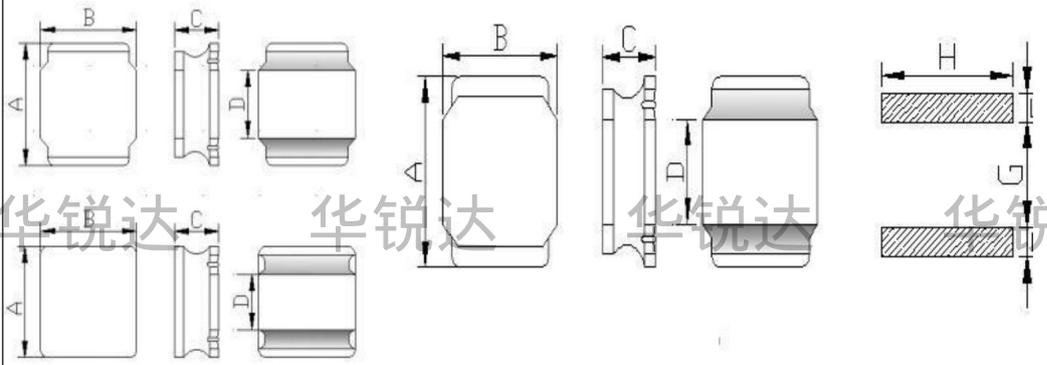
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外形尺寸 (Unit:mm)							
TYPE(型号)	A Max	B Max	C Ref	D Ref	E Ref	F Ref	G Ref
CSMNR252010	2.5±0.1	2.0±0.1	1.0	0.80±0.2	0.85	0.80	2.0
CSMNR252012	2.5±0.1	2.0±0.1	1.2	0.80±0.2	0.85	0.80	2.0
CSMNR3010	3.0±0.2	3.0±0.2	1.0	1.5±0.2	0.8	1.5	2.7
CSMNR3012	3.0±0.2	3.0±0.2	1.2	1.5±0.2	0.8	1.5	2.7
CSMNR3015	3.0±0.2	3.0±0.2	1.5	1.5±0.2	0.8	1.5	2.7
CSMNR4010	4.0±0.2	4.0±0.2	1.0	0.95±0.2	1.1	1.9	3.7
CSMNR4012	4.0±0.2	4.0±0.2	1.2	0.95±0.2	1.1	1.9	3.7
CSMNR4018	4.0±0.2	4.0±0.2	1.8	0.95±0.2	1.1	1.9	3.7
CSMNR4020	4.0±0.2	4.0±0.2	2.0	0.95±0.2	1.1	1.9	3.7
CSMNR4030	4.0±0.2	4.0±0.2	3.0	0.95±0.2	1.1	1.9	3.7
CSMNR5012	5.0±0.2	5.0±0.2	1.2	2.5±0.2	1.4	2.3	4.2
CSMNR5020	5.0±0.2	5.0±0.2	2.0	2.5±0.2	1.4	2.3	4.2
CSMNR5040	5.0±0.2	5.0±0.2	4.0	2.5±0.2	1.4	2.3	4.2
CSMNR6020	6.0±0.3	6.0±0.3	2.0	2.9±0.3	1.7	2.8	5.7
CSMNR6028	6.0±0.3	6.0±0.3	2.8	2.9±0.3	1.7	2.8	5.7
CSMNR6045	6.0±0.3	6.0±0.3	4.5	2.9±0.3	1.7	2.8	5.7
CSMNR8040	8.0±0.3	8.0±0.3	4.2	4.0±0.3	2.2	3.8	7.5

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COIL-RIDA Part Number 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (Ω) 直流电阻	Isat (A) (Max)	Irms (A) (Max)
CSMNR252010-R47N	0.47	0.056	2.50	2.35
CSMNR252010-R56N	0.56	0.072	2.90	2.00
CSMNR252010-R68N	0.68	0.074	2.20	2.00
CSMNR252010-1R0N	1.00	0.108	1.85	1.65
CSMNR252010-1R5N	1.50	0.182	1.80	1.30
CSMNR252010-2R2N	2.20	0.209	1.20	1.20
CSMNR252010-3R3M	3.30	0.328	1.05	0.90
CSMNR252010-4R7M	4.70	0.563	0.95	0.70
CSMNR252010-5R6M	5.60	0.563	0.80	0.73
CSMNR252010-6R8M	6.80	0.896	0.78	0.59
CSMNR252010-100M	10.0	1.092	0.65	0.50
CSMNR252012-1R5M	1.5	0.147	2.24	1.40
CSMNR252012-2R2M	2.2	0.216	1.85	1.15
CSMNR252012-2R7M	2.7	0.239	1.72	1.09
CSMNR252012-3R3M	3.3	0.264	1.61	1.04
CSMNR252012-3R6M	3.6	0.348	1.46	0.90
CSMNR252012-4R3M	4.3	0.377	1.37	0.87
CSMNR252012-4R7M	4.7	0.377	1.12	0.84
CSMNR252012-5R1M	5.1	0.500	1.23	0.75
CSMNR252012-5R6M	5.6	0.538	1.11	0.73
CSMNR252012-6R2M	6.2	0.542	1.03	0.73
CSMNR252012-6R8M	6.8	0.581	0.98	0.69
CSMNR252012-7R5M	7.5	0.611	0.97	0.68
CSMNR252012-8R2M	8.2	0.658	0.98	0.65
CSMNR252012-9R1M	9.1	0.690	0.91	0.62
CSMNR252012-100M	10	0.690	0.79	0.62
CSMNR252012-120M	12	1.075	0.78	0.51
CSMNR252012-150M	15	1.591	0.68	0.42
CSMNR252012-220M	22	1.976	0.53	0.38

TEST FREQ:100kHz 0.25v

Rated current: smaller value of either Isat or Iemp

Isat: When based on the inductance change rate (30% below the initial L value)

Irms: When based on the temperature increase

(temperature increase of 40°C by self heating)

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COIL-RIDA Part Number 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (Ω) 直流电阻	Last (A) (Max)	Lrms (A) (Max)
CSMNR3010-1R0N	1.0	0.085	1.40	1.45
CSMNR3010-1R2N	1.2	0.085	1.25	1.45
CSMNR3010-1R5N	1.5	0.104	1.27	1.30
CSMNR3010-2R2N	2.2	0.143	1.15	1.09
CSMNR3010-2R7N	2.7	0.169	1.00	1.02
CSMNR3010-3R3N	3.3	0.189	0.97	0.96
CSMNR3010-3R6M	3.6	0.215	0.95	0.90
CSMNR3010-4R7M	4.7	0.293	0.75	0.77
CSMNR3010-5R6M	5.6	0.322	0.58	0.70
CSMNR3010-6R8M	6.8	0.397	0.55	0.66
CSMNR3010-8R2M	8.2	0.520	0.55	0.58
CSMNR3010-100M	10	0.520	0.55	0.58
CSMNR3010-120M	12	0.657	0.43	0.52
CSMNR3010-150M	15	0.793	0.42	0.47
CSMNR3010-220M	22	1.209	0.35	0.38
CSMNR3010-270M	27	1.404	0.30	0.35
CSMNR3010-330M	33	2.015	0.29	0.30
CSMNR3010-390M	39	2.275	0.28	0.28
CSMNR3010-430M	43	2.340	0.23	0.27
CSMNR3010-470M	47	2.535	0.22	0.26
CSMNR3010-510M	51	2.860	0.21	0.25
CSMNR3010-560M	56	3.016	0.21	0.24

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TEST FREQ:100kHz 0.25v

Rated current: smaller value of either Isat or Iemp

Isat: When based on the inductance change rate (30% below the initial L value)

Irms: When based on the temperature increase
(temperature increase of 40°C by self heating)

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COIL-RIDA Part Number 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (Ω) 直流电阻	Isat (A) (Max)	Irms (A) (Max)
CSMNR3012-R22N	0.22	0.022	5.30	3.00
CSMNR3012-R82N	0.82	0.039	2.05	2.47
CSMNR3012-1R0N	1.0	0.052	1.87	2.20
CSMNR3012-1R2N	1.2	0.059	2.22	2.01
CSMNR3012-1R5N	1.5	0.059	1.62	2.01
CSMNR3012-1R8N	1.8	0.082	1.30	1.65
CSMNR3012-2R2N	2.2	0.098	1.20	1.55
CSMNR3012-2R4N	2.4	0.088	1.15	1.60
CSMNR3012-2R7N	2.7	0.110	1.14	1.48
CSMNR3012-3R3M	3.3	0.130	1.05	1.36
CSMNR3012-3R6M	3.6	0.130	1.05	1.36
CSMNR3012-3R9M	3.9	0.189	1.00	1.24
CSMNR3012-4R7M	4.7	0.156	0.90	1.24
CSMNR3012-5R6M	5.6	0.226	0.80	1.13
CSMNR3012-6R8M	6.8	0.247	0.75	0.98
CSMNR3012-100M	10	0.345	0.60	0.83
CSMNR3012-120M	12	0.449	0.48	0.73
CSMNR3012-150M	15	0.468	0.45	0.71
CSMNR3012-180M	18	0.709	0.43	0.58
CSMNR3012-220M	22	0.839	0.42	0.53
CSMNR3012-270M	27	1.131	0.35	0.47
CSMNR3012-330M	33	1.138	0.36	0.46
CSMNR3012-360M	36	1.235	0.34	0.44
CSMNR3012-390M	39	1.729	0.30	0.37
CSMNR3012-470M	47	1.885	0.27	0.35
CSMNR3012-560M	56	1.794	0.26	0.28
CSMNR3012-680M	68	2.171	0.24	0.33
CSMNR3012-820M	82	3.302	0.17	0.27
CSMNR3012-101M	100	3.718	0.21	0.25

TEST FREQ:100kHz 0.25v

Rated current: smaller value of either Isat or Iemp

Isat: When based on the inductance change rate (30% below the initial L value)

Irms: When based on the temperature increase
(temperature increase of 40°C by self heating)

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COIL-RIDA Part Number 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (Ω) 直流电阻	Last (A) (Max)	Lrms (A) (Max)
CSMNR3015-R50N	0.50	0.039	3.90	2.60
CSMNR3015-1R0N	1.0	0.039	2.32	2.35
CSMNR3015-1R2N	1.2	0.052	2.21	1.95
CSMNR3015-1R5N	1.5	0.065	2.30	1.70
CSMNR3015-1R8N	1.8	0.065	1.75	1.70
CSMNR3015-2R2N	2.2	0.078	1.60	1.60
CSMNR3015-2R7N	2.7	0.098	1.52	1.43
CSMNR3015-3R3M	3.3	0.104	1.32	1.36
CSMNR3015-3R6M	3.6	0.137	1.28	1.20
CSMNR3015-3R9M	3.9	0.137	1.20	1.20
CSMNR3015-4R3M	4.3	0.150	1.20	1.14
CSMNR3015-4R7M	4.7	0.163	1.10	1.09
CSMNR3015-5R1M	5.1	0.173	1.00	1.05
CSMNR3015-6R2M	6.2	0.254	1.00	0.86
CSMNR3015-6R8M	6.8	0.260	0.85	0.85
CSMNR3015-100M	10	0.325	0.72	0.77
CSMNR3015-120M	12	0.416	0.70	0.68
CSMNR3015-150M	15	0.455	0.66	0.65
CSMNR3015-180M	18	0.559	0.56	0.59
CSMNR3015-220M	22	0.598	0.52	0.57
CSMNR3015-270M	27	0.949	0.48	0.45
CSMNR3015-330M	33	1.066	0.44	0.43
CSMNR3015-390M	39	1.294	0.41	0.39
CSMNR3015-430M	43	1.378	0.37	0.37
CSMNR3015-470M	47	1.625	0.35	0.35
CSMNR3015-560M	56	1.664	0.33	0.34
CSMNR3015-620M	62	2.093	0.30	0.30
CSMNR3015-680M	68	3.510	0.28	0.23
CSMNR3015-101M	100	4.043	0.23	0.21
CSMNR3015-151M	15	4.940	0.18	0.19

TEST FREQ:100kHz 0.25v

Rated current: smaller value of either Isat or Iemp

Isat: When based on the inductance change rate (30% below the initial L value)

Irms: When based on the temperature increase

(temperature increase of 40°C by self heating)

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COIL-RIDA Part Number 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (Ω) 直流电阻	Last (A) (Max)	Lrms (A) (Max)
CSMNR4010-1R0N	1.0	0.067	2.00	1.90
CSMNR4010-1R5N	1.5	0.084	1.68	1.70
CSMNR4010-2R2M	2.2	0.102	1.20	1.50
CSMNR4010-3R3M	3.3	0.120	1.10	1.40
CSMNR4010-4R7M	4.7	0.168	0.95	1.20
CSMNR4010-6R8M	6.8	0.240	0.80	1.00
CSMNR4010-100M	10	0.360	0.62	0.75
CSMNR4010-150M	15	0.516	0.54	0.60
CSMNR4010-220M	22	0.684	0.45	0.50
CSMNR4012-1R0N	1.0	0.065	2.61	1.65
CSMNR4012-1R5N	1.5	0.085	2.10	1.46
CSMNR4012-2R2N	2.2	0.104	1.76	1.32
CSMNR4012-3R3N	3.3	0.143	1.72	1.12
CSMNR4012-3R6N	3.6	0.143	1.20	1.12
CSMNR4012-4R3N	4.3	0.182	1.58	1.00
CSMNR4012-4R7N	4.7	0.163	1.15	1.05
CSMNR4012-5R6N	5.6	0.182	1.00	1.00
CSMNR4012-6R8M	6.8	0.257	0.85	0.84
CSMNR4012-100M	10.	0.345	0.80	0.77
CSMNR4012-120M	12	0.377	0.66	0.70
CSMNR4012-150M	15	0.442	0.56	0.64
CSMNR4012-180M	18	0.611	0.55	0.55
CSMNR4012-220M	22	0.763	0.46	0.49
CSMNR4012-330M	33	1.053	0.42	0.42
CSMNR4012-360M	36	1.170	0.40	0.40
CSMNR4012-390M	39	1.430	0.55	0.37
CSMNR4012-470M	47	1.430	0.35	0.37
CSMNR4012-560M	56	1.625	0.33	0.33
CSMNR4012-680M	68	2.535	0.38	0.27
CSMNR4012-820M	82	2.782	0.28	0.26
CSMNR4012-101M	100	2.873	0.25	0.25

TEST FREQ: 100kHz 0.25v

Rated current: smaller value of either Isat or Iemp

Isat: When based on the inductance change rate (30% below the initial L value)

Irms: When based on the temperature increase



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COIL-RIDA Part Number 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (Ω) 直流电阻	I _{sat} (A) (Max)	I _{rms} (A) (Max)
CSMNR4018-R47N	0.47	0.018	4.30	4.00
CSMNR4018-R68N	0.68	0.026	4.90	3.30
CSMNR4018-1R0N	1.0	0.033	4.80	2.00
CSMNR4018-1R5N	1.5	0.039	3.35	1.80
CSMNR4018-1R8N	1.8	0.044	3.00	2.00
CSMNR4018-2R2M	2.2	0.059	2.70	1.65
CSMNR4018-3R3M	3.3	0.091	2.45	1.23
CSMNR4018-4R7M	4.7	0.117	1.70	1.20
CSMNR4018-6R8M	6.8	0.143	1.45	1.06
CSMNR4018-100M	10	0.234	1.30	0.84
CSMNR4018-150M	15	0.325	0.94	0.65
CSMNR4018-220M	22	0.468	0.80	0.59
CSMNR4018-270M	27	0.611	0.47	0.52
CSMNR4018-330M	33	0.689	0.56	0.49
CSMNR4018-470M	47	0.845	0.57	0.42
CSMNR4018-680M	68	1.300	0.47	0.32
CSMNR4018-101M	100	2.275	0.40	0.25
CSMNR4018-151M	150	3.250	0.31	0.22
CSMNR4018-221M	220	5.200	0.27	0.17

TEST FREQ:100kHz 0.25v

Rated current: smaller value of either I_{sat} or I_{emp}

I_{sat}: When based on the inductance change rate (30% below the initial L value)

I_{rms}: When based on the temperature increase
(temperature increase of 40°C by self heating)



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COIL-RIDA Part Number 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (Ω) 直流电阻	Last (A) (Max)	Lrms (A) (Max)
CSMNR4020-R24N	0.24	0.014	10.5	4.50
CSMNR4020-R33N	0.33	0.016	7.50	3.30
CSMNR4020-R47N	0.47	0.029	7.00	3.30
CSMNR4020-R68N	0.68	0.036	6.40	2.80
CSMNR4020-1R0N	1.0	0.038	4.78	2.15
CSMNR4020-1R2N	1.2	0.038	5.10	2.15
CSMNR4020-1R5N	1.5	0.046	4.45	1.98
CSMNR4020-2R2N	2.2	0.052	3.40	1.85
CSMNR4020-3R3M	3.3	0.091	3.20	1.40
CSMNR4020-3R6M	3.6	0.072	2.80	1.54
CSMNR4020-4R7M	4.7	0.098	2.35	1.34
CSMNR4020-5R6M	5.6	0.117	2.20	1.22
CSMNR4020-6R8M	6.8	0.163	2.20	1.04
CSMNR4020-8R2M	8.2	0.163	1.75	1.04
CSMNR4020-100M	10	0.215	1.60	0.90
CSMNR4020-120M	12	0.228	1.50	0.88
CSMNR4020-150M	15	0.299	1.35	0.77
CSMNR4020-220M	22	0.455	1.05	0.62
CSMNR4020-270M	27	0.709	1.02	0.50
CSMNR4020-330M	33	0.715	0.85	0.49
CSMNR4020-390M	39	0.845	0.82	0.46
CSMNR4020-430M	43	0.858	0.77	0.45
CSMNR4020-470M	47	0.923	0.74	0.44
CSMNR4020-510M	51	0.975	0.70	0.42
CSMNR4020-560M	56	1.040	0.66	0.41
CSMNR4020-620M	62	1.170	0.65	0.39
CSMNR4020-680M	68	1.380	0.61	0.36
CSMNR4020-750M	75	1.510	0.70	0.35
CSMNR4020-820M	82	1.520	0.50	0.34
CSMNR4020-101M	100	2.020	0.48	0.31

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TEST FREQ:100kHz 0.25v

Rated current: smaller value of either Isat or Iemp

Isat: When based on the inductance change rate (30% below the initial L value)

Irms: When based on the temperature increase

(temperature increase of 40°C by self heating)

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COIL-RIDA Part Number 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (Ω) 直流电阻	Last (A) (Max)	Lrms (A) (Max)
CSMNR4030-R68N	0.68	0.013	6.80	4.56
CSMNR4030-1R0N	1.0	0.018	5.26	4.15
CSMNR4030-1R2N	1.2	0.020	5.80	3.82
CSMNR4030-1R5N	1.5	0.026	4.84	3.34
CSMNR4030-1R8N	1.8	0.033	5.40	3.20
CSMNR4030-2R2N	2.2	0.039	4.90	2.95
CSMNR4030-3R3M	3.3	0.052	3.30	2.40
CSMNR4030-3R9M	3.9	0.074	3.00	2.10
CSMNR4030-4R7M	4.7	0.078	2.90	2.00
CSMNR4030-5R6M	5.6	0.085	2.60	1.95
CSMNR4030-6R8M	6.8	0.117	2.75	1.60
CSMNR4030-8R2M	8.2	0.117	2.10	1.60
CSMNR4030-100M	10	0.130	1.95	1.50
CSMNR4030-120M	12	0.175	1.70	1.30
CSMNR4030-150M	15	0.247	1.65	1.11
CSMNR4030-180M	18	0.260	1.40	1.10
CSMNR4030-220M	22	0.292	1.30	1.00
CSMNR4030-270M	27	0.338	1.15	0.90
CSMNR4030-330M	33	0.429	1.10	0.84
CSMNR4030-360M	36	0.436	1.05	0.83
CSMNR4030-390M	39	0.566	1.03	0.73
CSMNR4030-470M	47	0.579	0.95	0.72
CSMNR4030-560M	56	0.722	0.85	0.65
CSMNR4030-680M	68	1.128	0.72	0.52
CSMNR4030-750M	75	1.326	0.70	0.48
CSMNR4030-820M	82	1.378	0.66	0.47
CSMNR4030-101M	100	1.495	0.60	0.45
CSMNR4030-121M	120	1.755	0.55	0.42
CSMNR4030-151M	150	2.340	0.50	0.30
CSMNR4030-221M	220	3.250	0.40	0.35
CSMNR4030-331M	330	5.200	0.30	0.25
CSMNR4030-471M	470	9.360	0.30	0.20

TEST FREQ:100kHz 0.25v

Rated current: smaller value of either Isat or Iemp

Isat: When based on the inductance change rate (30% below the initial L value)

Lrms: When based on the temperature increase

(temperature increase of 40°C by self heating)

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COIL-RIDA Part Number 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (Ω) 直流电阻	Isat (A) (Max)	Lrms (A) (Max)
CSMNR5012-R22N	0.22	0.034	8.10	3.00
CSMNR5012-1R0N	1.0	0.068	4.40	2.00
CSMNR5012-1R5N	1.5	0.086	3.70	1.90
CSMNR5012-2R2N	2.2	0.108	3.10	1.70
CSMNR5012-3R3N	3.3	0.151	2.40	1.40
CSMNR5012-4R7N	4.7	0.197	2.20	1.30
CSMNR5012-6R8M	6.8	0.294	1.70	1.00
CSMNR5012-100M	10	0.413	1.40	0.85
CSMNR5012-150M	15	0.523	1.20	0.80
CSMNR5012-220M	22	0.858	0.88	0.60
CSMNR5020-R47N	0.47	0.017	6.15	4.60
CSMNR5020-R68N	0.68	0.022	5.50	4.00
CSMNR5020-1R0N	1.0	0.026	4.10	3.80
CSMNR5020-1R5N	1.5	0.034	4.10	3.20
CSMNR5020-2R2N	2.2	0.042	3.20	2.90
CSMNR5020-3R3N	3.3	0.056	2.55	2.50
CSMNR5020-3R9N	3.9	0.056	2.30	2.50
CSMNR5020-4R7M	4.7	0.074	2.50	2.20
CSMNR5020-5R6M	5.6	0.083	2.30	2.05
CSMNR5020-6R8M	6.8	0.108	2.05	1.80
CSMNR5020-8R2M	8.2	0.127	1.85	1.65
CSMNR5020-100M	10	0.143	1.70	1.55
CSMNR5020-150M	15	0.215	1.35	1.25
CSMNR5020-180M	18	0.260	1.25	1.15
CSMNR5020-220M	22	0.294	1.15	1.10
CSMNR5020-330M	33	0.507	0.92	0.90
CSMNR5020-470M	47	0.680	0.77	0.77

TEST FREQ:100kHz 0.25v

Rated current: smaller value of either Isat or Iemp

Isat: When based on the inductance change rate (30% below the initial L value)

Irms: When based on the temperature increase

(temperature increase of 40°C by self heating)

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COIL-RIDA Part Number 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (Ω) 直流电阻	Last (A) (Max)	Lrms (A) (Max)
CSMNR5040-1R0N	1.0	0.016	7.35	4.90
CSMNR5040-1R2N	1.2	0.021	6.50	4.15
CSMNR5040-1R5N	1.5	0.020	6.30	4.30
CSMNR5040-1R8N	1.8	0.021	5.50	4.15
CSMNR5040-2R2N	2.2	0.025	4.90	3.80
CSMNR5040-2R7N	2.7	0.029	4.30	3.60
CSMNR5040-3R0N	3.0	0.029	4.15	3.60
CSMNR5040-3R3N	3.3	0.031	3.95	3.40
CSMNR5040-3R6M	3.6	0.034	3.80	3.30
CSMNR5040-3R9N	3.9	0.035	3.55	3.20
CSMNR5040-4R7N	4.7	0.039	3.50	3.00
CSMNR5040-5R6M	5.6	0.046	3.00	2.80
CSMNR5040-6R8M	6.8	0.056	2.90	2.50
CSMNR5040-8R2M	8.2	0.062	2.70	2.30
CSMNR5040-100M	10	0.083	2.35	2.10
CSMNR5040-150M	15	0.112	2.00	2.00
CSMNR5040-220M	22	0.168	1.60	1.50
CSMNR5040-330M	33	0.244	1.30	1.20
CSMNR5040-470M	47	0.354	1.10	1.00
CSMNR5040-680M	68	0.520	0.90	0.80
CSMNR5040-101M	100	0.728	0.75	0.70
CSMNR5040-151M	150	0.975	0.65	0.60
CSMNR5040-102M	1000	7.800	0.21	0.20

TEST FREQ: 100kHz 0.25v

Rated current: smaller value of either Isat or Iemp

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Irms: When based on the temperature increase
(temperature increase of 40°C by self heating)

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COIL-RIDA Part Number 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (Ω) 直流电阻	Last (A) (Max)	Lrms (A) (Max)
CSMNR6020-R50N	0.50	0.018	4.50	4.00
CSMNR6020-R68N	0.68	0.022	6.55	3.80
CSMNR6020-R82N	0.82	0.022	5.30	3.80
CSMNR6020-1R0N	1.0	0.020	4.15	3.50
CSMNR6020-1R2N	1.2	0.029	5.90	3.20
CSMNR6020-1R5N	1.5	0.029	4.25	3.20
CSMNR6020-1R8N	1.8	0.036	4.85	2.75
CSMNR6020-2R0N	2.0	0.046	4.10	2.60
CSMNR6020-2R2N	2.2	0.036	3.75	2.75
CSMNR6020-2R7N	2.7	0.046	3.90	2.60
CSMNR6020-3R3N	3.3	0.046	3.15	2.60
CSMNR6020-3R9N	3.9	0.064	3.25	2.10
CSMNR6020-4R3N	4.3	0.064	2.70	2.10
CSMNR6020-4R7N	4.7	0.075	3.00	2.00
CSMNR6020-5R6N	5.6	0.075	2.40	1.90
CSMNR6020-6R2N	6.2	0.103	2.30	1.80
CSMNR6020-6R8N	6.8	0.103	2.20	1.80
CSMNR6020-8R2N	8.2	0.137	2.10	1.40
CSMNR6020-100M	10	0.137	1.75	1.40
CSMNR6020-120M	12	0.156	1.45	1.30
CSMNR6020-150M	15	0.189	1.20	1.20
CSMNR6020-180M	18	0.234	1.20	1.08
CSMNR6020-220M	22	0.265	1.05	1.00
CSMNR6020-330M	33	0.390	0.95	0.84
CSMNR6020-470M	47	0.559	0.70	0.80
CSMNR6020-331M	330	3.419	0.27	0.33

TEST FREQ:100kHz 0.25v

Rated current: smaller value of either Isat or Iemp

Isat: When based on the inductance change rate (30% below the initial L value)

Irms: When based on the temperature increase

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COIL-RIDA Part Number 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (Ω) 直流电阻	Last (A) (Max)	Lrms (A) (Max)
CSMNR6028-R82N	0.82	0.016	6.50	5.20
CSMNR6028-1R0N	1.0	0.013	5.75	5.20
CSMNR6028-1R2N	1.2	0.017	6.40	4.58
CSMNR6028-1R5N	1.5	0.017	6.00	4.58
CSMNR6028-2R2N	2.2	0.026	5.10	3.75
CSMNR6028-2R7N	2.7	0.026	3.80	3.75
CSMNR6028-3R3N	3.3	0.033	4.15	3.48
CSMNR6028-4R7N	4.7	0.039	3.00	3.08
CSMNR6028-5R1N	5.1	0.056	3.20	2.60
CSMNR6028-6R2M	6.2	0.061	3.05	2.40
CSMNR6028-6R8M	6.8	0.061	2.60	2.40
CSMNR6028-8R2M	8.2	0.072	2.30	2.25
CSMNR6028-9R1M	9.1	0.096	2.55	2.15
CSMNR6028-100M	10	0.094	2.04	1.95
CSMNR6028-120M	12	0.104	1.80	1.85
CSMNR6028-150M	15	0.163	1.75	1.45
CSMNR6028-180M	18	0.156	1.52	1.45
CSMNR6028-220M	22	0.182	1.45	1.40
CSMNR6028-270M	27	0.202	1.50	1.32
CSMNR6028-330M	33	0.241	1.35	1.22
CSMNR6028-360M	36	0.280	1.25	1.13
CSMNR6028-390M	39	0.293	1.25	1.10
CSMNR6028-470M	47	0.410	1.15	1.06
CSMNR6028-560M	56	0.449	1.05	0.89
CSMNR6028-680M	68	0.468	0.80	0.86
CSMNR6028-750M	75	0.533	0.90	0.81
CSMNR6028-820M	82	0.650	0.80	0.70
CSMNR6028-101M	100	0.650	0.65	0.70
CSMNR6028-401M	400	2.808	0.30	0.40
CSMNR6028-102M	1000	7.540	0.18	0.23

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TEST FREQ:100kHz 0.25v

Rated current: smaller value of either Isat or Iemp

Isat: When based on the inductance change rate (30% below the initial L value)

Irms: When based on the temperature increase

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COIL-RIDA Part Number 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (Ω) 直流电阻	Last (A) (Max)	Lrms (A) (Max)
CSMNR6045-R47N	0.47	0.008	15.00	6.50
CSMNR6045-R56N	0.56	0.008	15.00	6.50
CSMNR6045-R68N	0.68	0.008	11.00	5.70
CSMNR6045-R82N	0.82	0.010	10.35	5.90
CSMNR6045-1R0N	1.0	0.014	9.85	5.14
CSMNR6045-1R2N	1.2	0.013	8.35	5.40
CSMNR6045-1R3N	1.3	0.013	8.35	5.40
CSMNR6045-1R5N	1.5	0.016	8.80	4.95
CSMNR6045-1R8N	1.8	0.016	7.60	4.95
CSMNR6045-2R2N	2.2	0.018	6.75	4.60
CSMNR6045-2R3N	2.3	0.027	6.00	3.50
CSMNR6045-2R7N	2.7	0.020	5.75	4.30
CSMNR6045-3R0N	3.0	0.026	5.60	3.80
CSMNR6045-3R3N	3.3	0.027	5.90	3.70
CSMNR6045-3R6N	3.6	0.027	5.25	3.70
CSMNR6045-4R3M	4.3	0.030	4.45	3.50
CSMNR6045-4R5M	4.5	0.034	4.97	3.30
CSMNR6045-4R7M	4.7	0.034	4.97	3.30
CSMNR6045-5R1M	5.1	0.034	4.40	3.30
CSMNR6045-5R6M	5.6	0.038	4.15	3.15
CSMNR6045-6R2M	6.2	0.040	4.43	3.00
CSMNR6045-6R3M	6.3	0.040	4.43	3.00
CSMNR6045-6R8M	6.8	0.040	3.90	3.00
CSMNR6045-7R5M	7.5	0.044	3.50	2.90
CSMNR6045-8R2M	8.2	0.056	3.90	2.60
CSMNR6045-9R1M	9.1	0.056	3.35	2.60
CSMNR6045-100M	10	0.062	3.20	2.45
CSMNR6045-120M	12	0.075	2.80	2.20
CSMNR6045-150M	15	0.088	2.50	2.05
CSMNR6045-180M	18	0.105	2.20	1.85
CSMNR6045-220M	22	0.116	2.05	1.80
CSMNR6045-270M	27	0.133	1.90	1.65

TEST FREQ: 100kHz 0.25v

Rated current: smaller value of either Isat or Iemp

Isat: When based on the inductance change rate (30% below the initial L value)

Irms: When based on the temperature increase

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COIL-RIDA Part Number 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (Ω) 直流电阻	Last (A) (Max)	Lrms (A) (Max)
CSMNR6045-300M	30	0.172	1.70	1.50
CSMNR6045-330M	33	0.178	1.65	1.45
CSMNR6045-360M	36	0.225	1.62	1.40
CSMNR6045-390M	39	0.234	1.50	1.25
CSMNR6045-430M	43	0.260	1.63	1.20
CSMNR6045-470M	47	0.260	1.40	1.20
CSMNR6045-510M	51	0.269	1.35	1.15
CSMNR6045-560M	56	0.287	1.30	1.10
CSMNR6045-620M	62	0.306	1.25	1.10
CSMNR6045-680M	68	0.376	1.20	1.00
CSMNR6045-750M	75	0.397	1.15	0.95
CSMNR6045-820M	82	0.443	1.05	0.90
CSMNR6045-910M	91	0.467	1.00	0.85
CSMNR6045-101M	100	0.563	0.95	0.80
CSMNR6045-121M	120	0.629	0.85	0.77
CSMNR6045-151M	150	0.754	0.80	0.70
CSMNR6045-221M	220	1.084	0.70	0.59
CSMNR6045-331M	330	1.651	0.57	0.57
CSMNR6045-471M	470	2.340	0.50	0.42
CSMNR6045-681M	680	3.250	0.42	0.33
CSMNR6045-102M	1000	5.850	0.30	0.30
CSMNR6045-152M	1500	8.450	0.24	0.21

TEST FREQ:100kHz 0.25v

Rated current: smaller value of either Isat or Iemp

Isat: When based on the inductance change rate (30% below the initial L value)

Irms: When based on the temperature increase

(temperature increase of 40°C by self heating)

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COIL-RIDA Part Number 品名	INDUCTANCE (μ H) 电感值	DCR (Max) (Ω) 直流电阻	Last (A) (Max)	Lrms (A) (Max)
CSMNR8040-1R0N	1.0	0.010	9.85	6.30
CSMNR8040-1R2N	1.2	0.013	10.00	5.65
CSMNR8040-1R5N	1.5	0.013	8.15	5.65
CSMNR8040-2R2N	2.2	0.016	7.10	5.15
CSMNR8040-3R3N	3.3	0.022	6.50	4.40
CSMNR8040-4R7N	4.7	0.025	5.90	4.10
CSMNR8040-5R6N	5.6	0.027	6.00	3.85
CSMNR8040-6R8M	6.8	0.031	4.55	3.60
CSMNR8040-8R2M	8.2	0.034	4.20	3.45
CSMNR8040-100M	10	0.038	3.60	3.30
CSMNR8040-150M	15	0.061	2.95	2.60
CSMNR8040-180M	18	0.069	2.70	2.40
CSMNR8040-220M	22	0.090	2.40	2.10
CSMNR8040-270M	27	0.101	2.15	2.00
CSMNR8040-330M	33	0.126	2.05	1.80
CSMNR8040-390M	39	0.139	1.95	1.70
CSMNR8040-470M	47	0.177	1.75	1.55
CSMNR8040-560M	56	0.192	1.55	1.45
CSMNR8040-680M	68	0.255	1.45	1.25
CSMNR8040-820M	82	0.293	1.30	1.15
CSMNR8040-101M	100	0.377	1.15	1.00
CSMNR8040-121M	120	0.434	1.05	0.95
CSMNR8040-151M	150	0.533	1.10	0.85
CSMNR8040-181M	180	0.676	0.95	0.83
CSMNR8040-221M	220	0.779	0.85	0.80
CSMNR8040-331M	330	1.156	0.68	0.64
CSMNR8040-471M	470	1.625	0.60	0.50
CSMNR8040-681M	680	2.652	0.50	0.45
CSMNR8040-102M	1000	3.640	0.40	0.35
CSMNR8040-152M	1500	6.500	0.32	0.26

TEST FREQ:100kHz 0.25v

Rated current: smaller value of either Isat or Iemp

Isat: When based on the inductance change rate (30% below the initial L value)

Irms: When based on the temperature increase
(temperature increase of 40°C by self heating)



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