◆ELECTRICAL CHARACTERISTICS：

SNR.201610 Series

Part Number	L(uH)	Test Freq. (MHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SNR.201610.SYBR24MT00	0.24	1/0.25	0.040	3.70	2.80
SNR.201610.SYBR47MT00	0.47	1/0.25	0.060	2.30	2.30
SNR.201610.SYBR68MT00	0.68	1/0.25	0.076	1.95	2.00
SNR.201610.SYB1R0MT00	1.0	1/0.25	0.114	1.65	1.45
SNR.201610.SYB1R5MT00	1.5	1/0.25	0.174	1.35	1.10
SNR.201610.SYB2R2MT00	2.2	1/0.25	0.265	1.20	1.05
SNR.201610.SYB3R3MT00	3.3	1/0.25	0.345	1.00	0.85
SNR.201610.SYB4R7MT00	4.7	1/0.25	0.480	0.75	0.70
SNR.201610.SYB6R8MT00	6.8	1/0.25	0.800	0.70	0.55
SNR.201610.SYB100MT00	10.	1/0.25	1.00	0.65	0.50
SNR.201610.SYB220MT00	22	1/0.25	1.70	0.32	0.32

SNR.252010 Series

Part Number	L(uH)	Test Freq. (MHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SNR.252010.SYBR24MT00	0.24	100/0.25	0.034	3.60	2.75
SNR.252010.SYBR33MT00	0.33	100/0.25	0.043	3.60	2.45
SNR.252010.SYBR47MT00	0.47	100/0.25	0.044	2.80	2.40
SNR.252010.SYBR68MT00	0.68	100/0.25	0.062	2.75	2.10
SNR.252010.SYB1R0MT00	1.0	100/0.25	0.080	2.05	1.85
SNR.252010.SYB1R5MT00	1.5	100/0.25	0.108	1.70	1.55
SNR.252010.SYB2R2MT00	2.2	100/0.25	0.150	1.50	1.35
SNR.252010.SYB3R3MT00	3.3	100/0.25	0.228	1.10	1.05
SNR.252010.SYB4R7MT00	4.7	100/0.25	0.330	1.00	0.90
SNR.252010.SYB5R6MT00	5.6	100/0.25	0.480	0.90	0.80
SNR.252010.SYB6R8MT00	6.8	100/0.25	0.480	0.80	0.72
SNR.252010.SYB100MT00	10	100/0.25	0.600	0.65	0.67
SNR.252010.SYB150MT00	15	100/0.25	0.950	0.50	0.45

Note:

1、Tolerance：N:±30% , M:±20% , K:±10%；

2、Saturation Current：DC current at which the inductance drops approximate 30% from its value without current；

3、Heat Rating Current：DC current that causes the temperature rise (△T ≤40℃) from 25°C ambient；

◆ELECTRICAL CHARACTERISTICS：

SNR.2512012 Series

Part Number	L(uH)	Test Freq. (MHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SNR.252012.SYBR24MT00	0.24	1/0.25	0.023	4.10	4.10
SNR.252012.SYBR33MT00	0.33	1/0.25	0.031	4.00	3.35
SNR.252012.SYBR47MT00	0.47	1/0.25	0.036	3.80	3.00
SNR.252012.SYBR68MT00	0.68	1/0.25	0.047	3.00	2.30
SNR.252012.SYB1R0MT00	1.0	1/0.25	0.060	2.25	2.30
SNR.252012.SYB1R5MT00	1.5	1/0.25	0.090	2.00	1.80
SNR.252012.SYB2R2MT00	2.2	1/0.25	0.108	1.75	1.75
SNR.252012.SYB3R3MT00	3.3	1/0.25	0.156	1.20	1.40
SNR.252012.SYB4R7MT00	4.7	1/0.25	0.228	1.10	1.10
SNR.252012.SYB5R6MT00	5.6	1/0.25	0.330	1.00	1.00
SNR.252012.SYB6R8MT00	6.8	1/0.25	0.360	0.90	0.95
SNR.252012.SYB100MT00	10	1/0.25	0.522	0.70	0.78
SNR.252012.SYB220MT00	22	1/0.25	1.29	0.45	0.48

Note:

1、Tolerance：N:±30% , M:±20% , K:±10%；

2、Saturation Current：DC current at which the inductance drops approximate 30% from its value without current；

3、Heat Rating Current：DC current that causes the temperature rise (△T≤40℃) from 25°C ambient；

◆ELECTRICAL CHARACTERISTICS：

SNR.3010 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SNR.3010.BYD1R0NT00	1.0	100/0.25	0.085	1.40	1.45
SNR.3010.BYD1R2NT00	1.2	100/0.25	0.085	1.25	1.45
SNR.3010.BYD1R5NT00	1.5	100/0.25	0.104	1.27	1.30
SNR.3010.BYD2R2NT00	2.2	100/0.25	0.143	1.15	1.09
SNR.3010.BYD2R7NT00	2.7	100/0.25	0.169	1.00	1.02
SNR.3010.BYD3R3NT00	3.3	100/0.25	0.189	0.97	0.96
SNR.3010.BYD3R6NT00	3.6	100/0.25	0.215	0.95	0.90
SNR.3010.BYD4R7MT00	4.7	100/0.25	0.293	0.75	0.77
SNR.3010.BYD5R6MT00	5.6	100/0.25	0.322	0.58	0.70
SNR.3010.BYD6R8MT00	6.8	100/0.25	0.397	0.55	0.66
SNR.3010.BYD8R2MT00	8.2	100/0.25	0.520	0.55	0.58
SNR.3010.BYD100MT00	10	100/0.25	0.520	0.55	0.58
SNR.3010.BYD120MT00	12	100/0.25	0.657	0.43	0.52
SNR.3010.BYD150MT00	15	100/0.25	0.793	0.42	0.47
SNR.3010.BYD220MT00	22	100/0.25	1.209	0.35	0.38
SNR.3010.BYD270MT00	27	100/0.25	1.404	0.30	0.35
SNR.3010.BYD330MT00	33	100/0.25	2.015	0.29	0.30
SNR.3010.BYD390MT00	39	100/0.25	2.275	0.28	0.28
SNR.3010.BYD430MT00	43	100/0.25	2.340	0.23	0.27
SNR.3010.BYD470MT00	47	100/0.25	2.535	0.22	0.26
SNR.3010.BYD510MT00	51	100/0.25	2.860	0.21	0.25
SNR.3010.BYD560MT00	56	100/0.25	3.016	0.21	0.24

Note:

1、Tolerance：N:±30% , M:±20% , K:±10%；

2、Saturation Current：DC current at which the inductance drops approximate 30% from its value without current；

3、Heat Rating Current：DC current that causes the temperature rise (△T≤40℃) from 25°C ambient；

◆ELECTRICAL CHARACTERISTICS：

SNR.3012 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SNR.3012.BYDR22NT00	0.22	100/0.25	0.022	5.30	3.00
SNR.3012.BYDR82NT00	0.82	100/0.25	0.039	2.05	2.47
SNR.3012.BYD1R0NT00	1.0	100/0.25	0.052	1.87	2.20
SNR.3012.BYD1R2NT00	1.2	100/0.25	0.059	2.22	2.01
SNR.3012.BYD1R5NT00	1.5	100/0.25	0.059	1.62	2.01
SNR.3012.BYD1R8NT00	1.8	100/0.25	0.082	1.30	1.65
SNR.3012.BYD2R2NT00	2.2	100/0.25	0.098	1.20	1.55
SNR.3012.BYD2R4NT00	2.4	100/0.25	0.088	1.15	1.60
SNR.3012.BYD2R7NT00	2.7	100/0.25	0.110	1.14	1.48
SNR.3012.BYD3R3MT00	3.3	100/0.25	0.130	1.05	1.36
SNR.3012.BYD3R6MT00	3.6	100/0.25	0.130	1.05	1.36
SNR.3012.BYD3R9MT00	3.9	100/0.25	0.189	1.00	1.24
SNR.3012.BYD4R7MT00	4.7	100/0.25	0.156	0.90	1.24
SNR.3012.BYD5R6MT00	5.6	100/0.25	0.226	0.80	1.13
SNR.3012.BYD6R8MT00	6.8	100/0.25	0.247	0.75	0.98
SNR.3012.BYD100MT00	10	100/0.25	0.345	0.60	0.83
SNR.3012.BYD120MT00	12	100/0.25	0.449	0.48	0.73
SNR.3012.BYD150MT00	15	100/0.25	0.468	0.45	0.71
SNR.3012.BYD180MT00	18	100/0.25	0.709	0.43	0.58
SNR.3012.BYD220MT00	22	100/0.25	0.839	0.42	0.53
SNR.3012.BYD270MT00	27	100/0.25	1.131	0.35	0.47
SNR.3012.BYD330MT00	33	100/0.25	1.138	0.36	0.46
SNR.3012.BYD360MT00	36	100/0.25	1.235	0.34	0.44
SNR.3012.BYD390MT00	39	100/0.25	1.729	0.30	0.37
SNR.3012.BYD470MT00	47	100/0.25	1.885	0.27	0.35
SNR.3012.BYD560MT00	56	100/0.25	1.794	0.26	0.28
SNR.3012.BYD680MT00	68	100/0.25	2.171	0.24	0.33
SNR.3012.BYD820MT00	82	100/0.25	3.302	0.17	0.27
SNR.3012.BYD101MT00	100	100/0.25	3.718	0.21	0.25

Note:

1、Tolerance：N:±30% , M:±20% , K:±10%；

2、Saturation Current：DC current at which the inductance drops approximate 30% from its value without current；

3、Heat Rating Current：DC current that causes the temperature rise (△T≤40℃) from 25°C ambient；

◆ELECTRICAL CHARACTERISTICS：

SNR.3015 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SNR.3015.TYDR50NT00	0.5	100/0.25	0.039	3.90	2.60
SNR.3015.TYD1R0NT00	1.0	100/0.25	0.039	2.32	2.35
SNR.3015.TYD1R2NT00	1.2	100/0.25	0.052	2.21	1.95
SNR.3015.TYD1R5NT00	1.5	100/0.25	0.065	2.30	1.70
SNR.3015.TYD1R8NT00	1.8	100/0.25	0.065	1.75	1.70
SNR.3015.TYD2R2NT00	2.2	100/0.25	0.078	1.60	1.60
SNR.3015.TYD2R7NT00	2.7	100/0.25	0.098	1.52	1.43
SNR.3015.TYD3R3MT00	3.3	100/0.25	0.104	1.32	1.36
SNR.3015.TYD3R6MT00	3.6	100/0.25	0.137	1.28	1.20
SNR.3015.TYD3R9MT00	3.9	100/0.25	0.137	1.20	1.20
SNR.3015.TYD4R3MT00	4.3	100/0.25	0.150	1.20	1.14
SNR.3015.TYD4R7MT00	4.7	100/0.25	0.163	1.10	1.09
SNR.3015.TYD5R1MT00	5.1	100/0.25	0.173	1.00	1.05
SNR.3015.TYD6R2MT00	6.2	100/0.25	0.254	1.00	0.86
SNR.3015.TYD6R8MT00	6.8	100/0.25	0.260	0.85	0.85
SNR.3015.TYD100MT00	10	100/0.25	0.325	0.72	0.77
SNR.3015.TYD120MT00	12	100/0.25	0.416	0.70	0.68
SNR.3015.TYD150MT00	15	100/0.25	0.455	0.66	0.65
SNR.3015.TYD180MT00	18	100/0.25	0.559	0.56	0.59
SNR.3015.TYD220MT00	22	100/0.25	0.598	0.52	0.57
SNR.3015.TYD270MT00	27	100/0.25	0.949	0.48	0.45
SNR.3015.TYD330MT00	33	100/0.25	1.066	0.44	0.43
SNR.3015.TYD390MT00	39	100/0.25	1.294	0.41	0.39
SNR.3015.TYD430MT00	43	100/0.25	1.378	0.37	0.37
SNR.3015.TYD470MT00	47	100/0.25	1.625	0.35	0.35
SNR.3015.TYD560MT00	56	100/0.25	1.664	0.33	0.34
SNR.3015.TYD620MT00	62	100/0.25	2.093	0.30	0.30
SNR.3015.TYD680MT00	68	100/0.25	3.510	0.28	0.23
SNR.3015.TYD101MT00	100	100/0.25	4.043	0.23	0.21
SNR.3015.TYD151MT00	150	100/0.25	4.940	0.18	0.19

Note:

1、Tolerance：N:±30% , M:±20% , K:±10%；

2、Saturation Current：DC current at which the inductance drops approximate 30% from its value without current；

3、Heat Rating Current：DC current that causes the temperature rise (△T≤40℃) from 25°C ambient；

◆ELECTRICAL CHARACTERISTICS：

SNR.4010 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SNR.4010.BYD1R0NT00	1.0	100/0.25	0.067	2.00	1.90
SNR.4010.BYD1R5NT00	1.5	100/0.25	0.084	1.68	1.70
SNR.4010.BYD2R2MT00	2.2	100/0.25	0.102	1.20	1.50
SNR.4010.BYD3R3MT00	3.3	100/0.25	0.120	1.10	1.40
SNR.4010.BYD4R7MT00	4.7	100/0.25	0.168	0.95	1.20
SNR.4010.BYD6R8MT00	6.8	100/0.25	0.240	0.80	1.00
SNR.4010.BYD100MT00	10	100/0.25	0.360	0.62	0.75
SNR.4010.BYD150MT00	15	100/0.25	0.516	0.54	0.60
SNR.4010.BYD220MT00	22	100/0.25	0.684	0.45	0.50

SNR.4012 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SNR.4012.BYDR82NT00	0.82	100/0.25	0.065	3.02	1.65
SNR.4012.BYD1R0NT00	1.0	100/0.25	0.065	2.61	1.65
SNR.4012.BYD1R5NT00	1.5	100/0.25	0.085	2.10	1.46
SNR.4012.BYD2R2NT00	2.2	100/0.25	0.104	1.76	1.32
SNR.4012.BYD3R3NT00	3.3	100/0.25	0.143	1.72	1.12
SNR.4012.BYD4R3NT00	4.3	100/0.25	0.182	1.58	1.00
SNR.4012.BYD4R7NT00	4.7	100/0.25	0.163	1.15	1.05
SNR.4012.BYD5R6NT00	5.6	100/0.25	0.182	1.00	1.00
SNR.4012.BYD6R8MT00	6.8	100/0.25	0.257	0.85	0.84
SNR.4012.BYD100MT00	10.	100/0.25	0.345	0.80	0.77
SNR.4012.BYD120MT00	12	100/0.25	0.377	0.66	0.70
SNR.4012.BYD150MT00	15	100/0.25	0.442	0.56	0.64
SNR.4012.BYD220MT00	22	100/0.25	0.763	0.46	0.49
SNR.4012.BYD330MT00	33	100/0.25	1.053	0.42	0.42
SNR.4012.BYD360MT00	36	100/0.25	1.170	0.40	0.40
SNR.4012.BYD390MT00	39	100/0.25	1.430	0.55	0.37
SNR.4012.BYD470MT00	47	100/0.25	1.430	0.35	0.37
SNR.4012.BYD560MT00	56	100/0.25	1.625	0.33	0.33
SNR.4012.BYD680MT00	68	100/0.25	2.535	0.38	0.27
SNR.4012.BYD820MT00	82	100/0.25	2.782	0.28	0.26
SNR.4012.BYD101MT00	100	100/0.25	2.873	0.25	0.25

Note:

1、Tolerance：N:±30% , M:±20% , K:±10%；

2、Saturation Current：DC current at which the inductance drops approximate 30% from its value without current；

3、Heat Rating Current：DC current that causes the temperature rise (△T≤40℃) from 25°C ambient；

◆ELECTRICAL CHARACTERISTICS：

SNR.4018 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SNR.4018.TYDR47NT00	0.47	100/0.25	0.018	4.30	4.00
SNR.4018.TYDR68NT00	0.68	100/0.25	0.026	4.90	3.30
SNR.4018.TYD1R0NT00	1.0	100/0.25	0.033	4.80	2.00
SNR.4018.TYD1R5NT00	1.5	100/0.25	0.039	3.35	1.80
SNR.4018.TYD1R8NT00	1.8	100/0.25	0.044	3.00	2.00
SNR.4018.TYD2R2MT00	2.2	100/0.25	0.059	2.70	1.65
SNR.4018.TYD3R3MT00	3.3	100/0.25	0.091	2.45	1.23
SNR.4018.TYD4R7MT00	4.7	100/0.25	0.117	1.70	1.20
SNR.4018.TYD6R8MT00	6.8	100/0.25	0.143	1.45	1.06
SNR.4018.TYD100MT00	10	100/0.25	0.234	1.30	0.84
SNR.4018.TYD150MT00	15	100/0.25	0.325	0.94	0.65
SNR.4018.TYD220MT00	22	100/0.25	0.468	0.80	0.59
SNR.4018.TYD270MT00	27	100/0.25	0.611	0.47	0.52
SNR.4018.TYD330MT00	33	100/0.25	0.689	0.56	0.49
SNR.4018.TYD470MT00	47	100/0.25	0.845	0.57	0.42
SNR.4018.TYD680MT00	68	100/0.25	1.300	0.47	0.32
SNR.4018.TYD101MT00	100	100/0.25	2.275	0.40	0.25
SNR.4018.TYD151MT00	150	100/0.25	3.250	0.31	0.22
SNR.4018.TYD221MT00	220	100/0.25	5.200	0.27	0.17

Note:

1、Tolerance：N:±30% , M:±20% , K:±10%；

2、Saturation Current：DC current at which the inductance drops approximate 30% from its value without current；

3、Heat Rating Current：DC current that causes the temperature rise (△T≤40℃) from 25°C ambient；

◆ELECTRICAL CHARACTERISTICS：

SNR.4020 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SNR.4020.TYDR24NT00	0.24	100/0.25	0.014	10.5	4.50
SNR.4020.TYDR33NT00	0.33	100/0.25	0.016	7.50	3.30
SNR.4020.TYDR47NT00	0.47	100/0.25	0.029	7.00	3.30
SNR.4020.TYDR68NT00	0.68	100/0.25	0.036	6.40	2.80
SNR.4020.TYD1R0NT00	1.0	100/0.25	0.038	4.78	2.15
SNR.4020.TYD1R2NT00	1.2	100/0.25	0.038	5.10	2.15
SNR.4020.TYD1R5NT00	1.5	100/0.25	0.046	4.45	1.98
SNR.4020.TYD2R2NT00	2.2	100/0.25	0.052	3.40	1.85
SNR.4020.TYD3R3MT00	3.3	100/0.25	0.091	3.20	1.40
SNR.4020.TYD3R6MT00	3.6	100/0.25	0.072	2.80	1.54
SNR.4020.TYD4R7MT00	4.7	100/0.25	0.098	2.35	1.34
SNR.4020.TYD5R1MT00	5.1	100/0.25	0.111	2.30	1.27
SNR.4020.TYD5R6MT00	5.6	100/0.25	0.117	2.20	1.22
SNR.4020.TYD6R2MT00	6.2	100/0.25	0.150	2.15	1.08
SNR.4020.TYD6R8MT00	6.8	100/0.25	0.163	2.20	1.04
SNR.4020.TYD7R5MT00	7.5	100/0.25	0.150	1.85	1.08
SNR.4020.TYD8R2MT00	8.2	100/0.25	0.163	1.75	1.04
SNR.4020.TYD100MT00	10	100/0.25	0.215	1.60	0.90
SNR.4020.TYD120MT00	12	100/0.25	0.228	1.50	0.88
SNR.4020.TYD150MT00	15	100/0.25	0.299	1.35	0.77
SNR.4020.TYD220MT00	22	100/0.25	0.455	1.05	0.62
SNR.4020.TYD270MT00	27	100/0.25	0.709	1.02	0.50
SNR.4020.TYD330MT00	33	100/0.25	0.715	0.85	0.49
SNR.4020.TYD390MT00	39	100/0.25	0.845	0.82	0.46
SNR.4020.TYD430MT00	43	100/0.25	0.858	0.77	0.45
SNR.4020.TYD470MT00	47	100/0.25	0.923	0.74	0.44
SNR.4020.TYD510MT00	51	100/0.25	0.975	0.70	0.42
SNR.4020.TYD560MT00	56	100/0.25	1.040	0.66	0.41
SNR.4020.TYD620MT00	62	100/0.25	1.170	0.65	0.39
SNR.4020.TYD680MT00	68	100/0.25	1.380	0.61	0.36
SNR.4020.TYD750MT00	75	100/0.25	1.510	0.70	0.35
SNR.4020.TYD820MT00	82	100/0.25	1.520	0.50	0.34
SNR.4020.TYD101MT00	100	100/0.25	2.020	0.48	0.31

Note:

1、Tolerance：N:±30% , M:±20% , K:±10%；

2、Saturation Current：DC current at which the inductance drops approximate 30% from its value without current；

3、Heat Rating Current：DC current that causes the temperature rise (△T≤40℃) from 25°C ambient；

◆ELECTRICAL CHARACTERISTICS：

SNR.4030 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SNR.4030.TYDR68NT00	0.68	100/0.25	0.013	6.80	4.56
SNR.4030.TYDR91NT00	0.91	100/0.25	0.017	6.25	4.15
SNR.4030.TYD1R0NT00	1.0	100/0.25	0.018	5.26	4.15
SNR.4030.TYD1R2NT00	1.2	100/0.25	0.020	5.80	3.82
SNR.4030.TYD1R5NT00	1.5	100/0.25	0.026	4.84	3.34
SNR.4030.TYD1R8NT00	1.8	100/0.25	0.033	5.40	3.20
SNR.4030.TYD2R2NT00	2.2	100/0.25	0.039	4.90	2.95
SNR.4030.TYD3R3MT00	3.3	100/0.25	0.052	3.30	2.40
SNR.4030.TYD3R6MT00	3.6	100/0.25	0.052	3.00	2.40
SNR.4030.TYD3R9MT00	3.9	100/0.25	0.074	3.00	2.10
SNR.4030.TYD4R7MT00	4.7	100/0.25	0.078	2.90	2.00
SNR.4030.TYD5R6MT00	5.6	100/0.25	0.085	2.60	1.95
SNR.4030.TYD6R8MT00	6.8	100/0.25	0.117	2.75	1.60
SNR.4030.TYD8R2MT00	8.2	100/0.25	0.125	2.10	1.60
SNR.4030.TYD100MT00	10	100/0.25	0.130	1.95	1.50
SNR.4030.TYD120MT00	12	100/0.25	0.175	1.70	1.30
SNR.4030.TYD150MT00	15	100/0.25	0.247	1.65	1.11
SNR.4030.TYD180MT00	18	100/0.25	0.260	1.40	1.10
SNR.4030.TYD220MT00	22	100/0.25	0.292	1.30	1.00
SNR.4030.TYD270MT00	27	100/0.25	0.338	1.15	0.90
SNR.4030.TYD330MT00	33	100/0.25	0.429	1.10	0.84
SNR.4030.TYD360MT00	36	100/0.25	0.436	1.05	0.83
SNR.4030.TYD390MT00	39	100/0.25	0.566	1.03	0.73
SNR.4030.TYD470MT00	47	100/0.25	0.579	0.95	0.72
SNR.4030.TYD560MT00	56	100/0.25	0.722	0.85	0.65
SNR.4030.TYD680MT00	68	100/0.25	1.128	0.72	0.52
SNR.4030.TYD750MT00	75	100/0.25	1.326	0.70	0.48
SNR.4030.TYD820MT00	82	100/0.25	1.378	0.66	0.47
SNR.4030.TYD101MT00	100	100/0.25	1.495	0.60	0.45
SNR.4030.TYD121MT00	120	100/0.25	1.755	0.55	0.42
SNR.4030.TYD151MT00	150	100/0.25	2.340	0.50	0.30
SNR.4030.TYD221MT00	220	100/0.25	3.250	0.40	0.35
SNR.4030.TYD331MT00	330	100/0.25	5.200	0.30	0.25
SNR.4030.TYD471MT00	470	100/0.25	9.360	0.30	0.20

Note:

1、Tolerance：N:±30% , M:±20% , K:±10%；

2、Saturation Current：DC current at which the inductance drops approximate 30% from its value without current；

3、Heat Rating Current：DC current that causes the temperature rise (△T≤40℃) from 25°C ambient；

◆ELECTRICAL CHARACTERISTICS：

SNR.5012 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SNR.5012.BYD1R0NT00	1.0	100/0.25	0.068	4.40	2.00
SNR.5012.BYD1R5NT00	1.5	100/0.25	0.086	3.70	1.90
SNR.5012.BYD2R2NT00	2.2	100/0.25	0.108	3.10	1.70
SNR.5012.BYD3R3NT00	3.3	100/0.25	0.151	2.40	1.40
SNR.5012.BYD4R7NT00	4.7	100/0.25	0.197	2.20	1.30
SNR.5012.BYD6R8MT00	6.8	100/0.25	0.294	1.70	1.00
SNR.5012.BYD100MT00	10	100/0.25	0.413	1.40	0.85
SNR.5012.BYD150MT00	15	100/0.25	0.523	1.20	0.80
SNR.5012.BYD220MT00	22	100/0.25	0.858	0.88	0.60

SNR.5020 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SNR.5020.TYDR47NT00	0.47	100/0.25	0.017	6.15	4.60
SNR.5020.TYDR56NT00	0.56	100/0.25	0.022	8.50	3.80
SNR.5020.TYDR68NT00	0.68	100/0.25	0.022	5.50	4.00
SNR.5020.TYD1R0NT00	1.0	100/0.25	0.026	4.10	3.80
SNR.5020.TYD1R2NT00	1.2	100/0.25	0.029	4.50	3.55
SNR.5020.TYD1R5NT00	1.5	100/0.25	0.034	4.10	3.20
SNR.5020.TYD2R2NT00	2.2	100/0.25	0.042	3.20	2.90
SNR.5020.TYD3R3NT00	3.3	100/0.25	0.056	2.55	2.50
SNR.5020.TYD3R6NT00	3.6	100/0.25	0.056	2.80	2.50
SNR.5020.TYD3R9NT00	3.9	100/0.25	0.056	2.30	2.50
SNR.5020.TYD4R3MT00	4.3	100/0.25	0.074	2.50	2.20
SNR.5020.TYD4R7MT00	4.7	100/0.25	0.074	2.50	2.20
SNR.5020.TYD5R6MT00	5.6	100/0.25	0.083	2.30	2.05
SNR.5020.TYD6R8MT00	6.8	100/0.25	0.120	2.05	1.80
SNR.5020.TYD8R2MT00	8.2	100/0.25	0.127	1.85	1.65
SNR.5020.TYD100MT00	10	100/0.25	0.163	1.70	1.55
SNR.5020.TYD150MT00	15	100/0.25	0.215	1.35	1.25
SNR.5020.TYD180MT00	18	100/0.25	0.260	1.25	1.15
SNR.5020.TYD220MT00	22	100/0.25	0.294	1.15	1.10
SNR.5020.TYD330MT00	33	100/0.25	0.507	0.92	0.90
SNR.5020.TYD470MT00	47	100/0.25	0.680	0.77	0.77

Note:

1、Tolerance：N:±30% , M:±20% , K:±10%；

2、Saturation Current：DC current at which the inductance drops approximate 30% from its value without current；

3、Heat Rating Current：DC current that causes the temperature rise (△T≤40℃) from 25°C ambient；

◆ELECTRICAL CHARACTERISTICS：

SNR.5040 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SNR.5040.TYD1R0NT00	1.0	100/0.25	0.016	7.35	4.90
SNR.5040.TYD1R2NT00	1.2	100/0.25	0.021	6.50	4.15
SNR.5040.TYD1R5NT00	1.5	100/0.25	0.020	6.30	4.30
SNR.5040.TYD1R8NT00	1.8	100/0.25	0.021	5.50	4.15
SNR.5040.TYD2R2NT00	2.2	100/0.25	0.025	4.90	3.80
SNR.5040.TYD2R7NT00	2.7	100/0.25	0.029	4.30	3.60
SNR.5040.TYD3R0NT00	3.0	100/0.25	0.029	4.15	3.60
SNR.5040.TYD3R3NT00	3.3	100/0.25	0.031	3.95	3.40
SNR.5040.TYD3R6MT00	3.6	100/0.25	0.034	3.80	3.30
SNR.5040.TYD3R9NT00	3.9	100/0.25	0.035	3.55	3.20
SNR.5040.TYD4R7NT00	4.7	100/0.25	0.039	3.50	3.00
SNR.5040.TYD5R6MT00	5.6	100/0.25	0.046	3.00	2.80
SNR.5040.TYD6R8MT00	6.8	100/0.25	0.056	2.90	2.50
SNR.5040.TYD8R2MT00	8.2	100/0.25	0.062	2.70	2.30
SNR.5040.TYD100MT00	10	100/0.25	0.083	2.35	2.10
SNR.5040.TYD150MT00	15	100/0.25	0.112	2.00	2.00
SNR.5040.TYD220MT00	22	100/0.25	0.168	1.60	1.50
SNR.5040.TYD330MT00	33	100/0.25	0.244	1.30	1.20
SNR.5040.TYD470MT00	47	100/0.25	0.354	1.10	1.00
SNR.5040.TYD680MT00	68	100/0.25	0.520	0.90	0.80
SNR.5040.TYD101MT00	100	100/0.25	0.728	0.75	0.70
SNR.5040.TYD151MT00	150	100/0.25	0.975	0.65	0.60
SNR.5040.TYD102MT00	1000	100/0.25	7.800	0.21	0.20

Note:

1、Tolerance：N:±30% , M:±20% , K:±10%；

2、Saturation Current：DC current at which the inductance drops approximate 30% from its value without current；

3、Heat Rating Current：DC current that causes the temperature rise (△T≤40℃) from 25°C ambient；

◆ELECTRICAL CHARACTERISTICS：

SNR.6020 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SNR.6020.TYDR50NT00	0.50	100/0.25	0.018	4.50	4.00
SNR.6020.TYDR68NT00	0.68	100/0.25	0.022	6.55	3.80
SNR.6020.TYDR82NT00	0.82	100/0.25	0.022	5.30	3.80
SNR.6020.TYD1R0NT00	1.0	100/0.25	0.020	4.15	3.50
SNR.6020.TYD1R2NT00	1.2	100/0.25	0.029	5.90	3.20
SNR.6020.TYD1R5NT00	1.5	100/0.25	0.029	4.25	3.20
SNR.6020.TYD1R8NT00	1.8	100/0.25	0.036	4.85	2.75
SNR.6020.TYD2R0NT00	2.0	100/0.25	0.046	4.10	2.60
SNR.6020.TYD2R2NT00	2.2	100/0.25	0.036	3.75	2.75
SNR.6020.TYD2R7NT00	2.7	100/0.25	0.046	3.90	2.60
SNR.6020.TYD3R3NT00	3.3	100/0.25	0.046	3.15	2.60
SNR.6020.TYD3R9NT00	3.9	100/0.25	0.064	3.25	2.10
SNR.6020.TYD4R3NT00	4.3	100/0.25	0.064	2.70	2.10
SNR.6020.TYD4R7NT00	4.7	100/0.25	0.075	3.00	2.00
SNR.6020.TYD5R6NT00	5.6	100/0.25	0.075	2.40	1.90
SNR.6020.TYD6R2NT00	6.2	100/0.25	0.103	2.30	1.80
SNR.6020.TYD6R8NT00	6.8	100/0.25	0.103	2.20	1.80
SNR.6020.TYD8R2NT00	8.2	100/0.25	0.137	2.10	1.40
SNR.6020.TYD100MT00	10	100/0.25	0.137	1.75	1.40
SNR.6020.TYD120MT00	12	100/0.25	0.156	1.45	1.30
SNR.6020.TYD150MT00	15	100/0.25	0.189	1.20	1.20
SNR.6020.TYD180MT00	18	100/0.25	0.234	1.20	1.08
SNR.6020.TYD220MT00	22	100/0.25	0.265	1.05	1.00
SNR.6020.TYD330MT00	33	100/0.25	0.390	0.95	0.84
SNR.6020.TYD470MT00	47	100/0.25	0.559	0.70	0.80
SNR.6020.TYD331MT00	330	100/0.25	3.419	0.27	0.33

Note:

1、Tolerance：N:±30% , M:±20% , K:±10%；

2、Saturation Current：DC current at which the inductance drops approximate 30% from its value without current；

3、Heat Rating Current：DC current that causes the temperature rise (△T≤40℃) from 25°C ambient；

◆ELECTRICAL CHARACTERISTICS：

SNR.6028 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SNR.6028.TYDR82NT00	0.82	100/0.25	0.016	6.50	5.20
SNR.6028.TYD1R0NT00	1.0	100/0.25	0.013	5.75	5.20
SNR.6028.TYD1R2NT00	1.2	100/0.25	0.017	6.40	4.58
SNR.6028.TYD1R5NT00	1.5	100/0.25	0.017	6.00	4.58
SNR.6028.TYD2R2NT00	2.2	100/0.25	0.026	5.10	3.75
SNR.6028.TYD2R7NT00	2.7	100/0.25	0.026	3.80	3.75
SNR.6028.TYD3R3NT00	3.3	100/0.25	0.033	4.15	3.48
SNR.6028.TYD4R7NT00	4.7	100/0.25	0.039	3.00	3.08
SNR.6028.TYD5R1NT00	5.1	100/0.25	0.056	3.20	2.60
SNR.6028.TYD6R2MT00	6.2	100/0.25	0.061	3.05	2.40
SNR.6028.TYD6R8MT00	6.8	100/0.25	0.061	2.60	2.40
SNR.6028.TYD8R2MT00	8.2	100/0.25	0.072	2.30	2.25
SNR.6028.TYD9R1MT00	9.1	100/0.25	0.096	2.55	2.15
SNR.6028.TYD100MT00	10	100/0.25	0.094	2.04	1.95
SNR.6028.TYD120MT00	12	100/0.25	0.104	1.80	1.85
SNR.6028.TYD150MT00	15	100/0.25	0.163	1.75	1.45
SNR.6028.TYD180MT00	18	100/0.25	0.156	1.52	1.45
SNR.6028.TYD220MT00	22	100/0.25	0.182	1.45	1.40
SNR.6028.TYD270MT00	27	100/0.25	0.202	1.50	1.32
SNR.6028.TYD330MT00	33	100/0.25	0.241	1.35	1.22
SNR.6028.TYD360MT00	36	100/0.25	0.280	1.25	1.13
SNR.6028.TYD390MT00	39	100/0.25	0.293	1.25	1.10
SNR.6028.TYD470MT00	47	100/0.25	0.410	1.15	1.06
SNR.6028.TYD560MT00	56	100/0.25	0.449	1.05	0.89
SNR.6028.TYD680MT00	68	100/0.25	0.468	0.80	0.86
SNR.6028.TYD750MT00	75	100/0.25	0.533	0.90	0.81
SNR.6028.TYD820MT00	82	100/0.25	0.650	0.80	0.70
SNR.6028.TYD101MT00	100	100/0.25	0.650	0.65	0.70
SNR.6028.TYD401MT00	400	100/0.25	2.808	0.30	0.40
SNR.6028.TYD102MT00	1000	100/0.25	7.540	0.18	0.23

Note:

1、Tolerance：N:±30% , M:±20% , K:±10%；

2、Saturation Current：DC current at which the inductance drops approximate 30% from its value without current；

3、Heat Rating Current：DC current that causes the temperature rise (△T≤40℃) from 25°C ambient；

◆ELECTRICAL CHARACTERISTICS：

SNR.6045 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SNR.6045.TYDR47NT00	0.47	100/0.25	0.008	15.00	6.50
SNR.6045.TYDR56NT00	0.56	100/0.25	0.008	14.00	6.50
SNR.6045.TYDR68NT00	0.68	100/0.25	0.008	11.00	5.70
SNR.6045.TYDR82NT00	0.82	100/0.25	0.010	10.35	5.90
SNR.6045.TYD1R0NT00	1.0	100/0.25	0.014	9.85	5.14
SNR.6045.TYD1R2NT00	1.2	100/0.25	0.013	8.35	5.40
SNR.6045.TYD1R3NT00	1.3	100/0.25	0.013	8.35	5.40
SNR.6045.TYD1R5NT00	1.5	100/0.25	0.016	8.80	4.95
SNR.6045.TYD1R8NT00	1.8	100/0.25	0.016	7.60	4.95
SNR.6045.TYD2R2NT00	2.2	100/0.25	0.018	6.75	4.60
SNR.6045.TYD2R3NT00	2.3	100/0.25	0.027	6.00	3.50
SNR.6045.TYD2R7NT00	2.7	100/0.25	0.020	5.75	4.30
SNR.6045.TYD3R0NT00	3.0	100/0.25	0.026	5.60	3.80
SNR.6045.TYD3R3NT00	3.3	100/0.25	0.027	5.90	3.70
SNR.6045.TYD3R6NT00	3.6	100/0.25	0.027	5.25	3.70
SNR.6045.TYD4R3MT00	4.3	100/0.25	0.030	4.45	3.50
SNR.6045.TYD4R5MT00	4.5	100/0.25	0.034	4.97	3.30
SNR.6045.TYD4R7MT00	4.7	100/0.25	0.034	4.97	3.30
SNR.6045.TYD5R1MT00	5.1	100/0.25	0.034	4.40	3.30
SNR.6045.TYD5R6MT00	5.6	100/0.25	0.038	4.15	3.15
SNR.6045.TYD6R2MT00	6.2	100/0.25	0.040	4.43	3.00
SNR.6045.TYD6R3MT00	6.3	100/0.25	0.040	4.43	3.00
SNR.6045.TYD6R8MT00	6.8	100/0.25	0.040	3.90	3.00
SNR.6045.TYD7R5MT00	7.5	100/0.25	0.044	3.50	2.90
SNR.6045.TYD8R2MT00	8.2	100/0.25	0.056	3.90	2.60
SNR.6045.TYD9R1MT00	9.1	100/0.25	0.056	3.35	2.60
SNR.6045.TYD100MT00	10	100/0.25	0.062	3.20	2.45
SNR.6045.TYD120MT00	12	100/0.25	0.075	2.80	2.20
SNR.6045.TYD150MT00	15	100/0.25	0.088	2.50	2.05
SNR.6045.TYD180MT00	18	100/0.25	0.105	2.20	1.85
SNR.6045.TYD220MT00	22	100/0.25	0.116	2.05	1.80
SNR.6045.TYD270MT00	27	100/0.25	0.133	1.90	1.65

Note:

1、Tolerance：N:±30% , M:±20% , K:±10%；

2、Saturation Current：DC current at which the inductance drops approximate 30% from its value without current；

3、Heat Rating Current：DC current that causes the temperature rise (△T≤40℃) from 25°C ambient；

◆ELECTRICAL CHARACTERISTICS：

SNR.6045 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SNR.6045.TYD300MT00	30	100/0.25	0.172	1.70	1.50
SNR.6045.TYD330MT00	33	100/0.25	0.178	1.65	1.45
SNR.6045.TYD360MT00	36	100/0.25	0.225	1.62	1.40
SNR.6045.TYD390MT00	39	100/0.25	0.234	1.50	1.25
SNR.6045.TYD430MT00	43	100/0.25	0.260	1.63	1.20
SNR.6045.TYD470MT00	47	100/0.25	0.260	1.40	1.20
SNR.6045.TYD510MT00	51	100/0.25	0.269	1.35	1.15
SNR.6045.TYD560MT00	56	100/0.25	0.287	1.30	1.10
SNR.6045.TYD620MT00	62	100/0.25	0.306	1.25	1.10
SNR.6045.TYD680MT00	68	100/0.25	0.376	1.20	1.00
SNR.6045.TYD750MT00	75	100/0.25	0.397	1.15	0.95
SNR.6045.TYD820MT00	82	100/0.25	0.443	1.05	0.90
SNR.6045.TYD910MT00	91	100/0.25	0.467	1.00	0.85
SNR.6045.TYD101MT00	100	100/0.25	0.563	0.95	0.80
SNR.6045.TYD121MT00	120	100/0.25	0.629	0.85	0.77
SNR.6045.TYD151MT00	150	100/0.25	0.754	0.80	0.70
SNR.6045.TYD221MT00	220	100/0.25	1.084	0.70	0.59
SNR.6045.TYD331MT00	330	100/0.25	1.651	0.57	0.57
SNR.6045.TYD471MT00	470	100/0.25	2.340	0.50	0.42
SNR.6045.TYD681MT00	680	100/0.25	3.250	0.42	0.33
SNR.6045.TYD102MT00	1000	100/0.25	5.850	0.30	0.30
SNR.6045.TYD152MT00	1500	100/0.25	8.450	0.24	0.21
SNR.6045.TYD202MT00	2000	100/0.25	12.35	0.22	0.17
SNR.6045.TYD222KT00	2200	100/0.25	12.48	0.20	0.17
SNR.6045.TYD302MT00	3000	100/0.25	19.50	0.18	0.13
SNR.6045.TYD103MT00	10000	100/0.25	53.70	0.10	0.07

Note:

1、Tolerance：N:±30% , M:±20% , K:±10%；

2、Saturation Current：DC current at which the inductance drops approximate 30% from its value without current；

3、Heat Rating Current：DC current that causes the temperature rise (△T≤40℃) from 25°C ambient；

◆ELECTRICAL CHARACTERISTICS：

SNR.8040 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SNR.8040.TYDR82NT00	0.82	100/0.25	0.010	13.80	6.30
SNR.8040.TYD1R0NT00	1.0	100/0.25	0.010	9.85	6.30
SNR.8040.TYD1R2NT00	1.2	100/0.25	0.013	9.20	5.65
SNR.8040.TYD1R5NT00	1.5	100/0.25	0.013	8.15	5.65
SNR.8040.TYD2R2NT00	2.2	100/0.25	0.016	7.10	5.15
SNR.8040.TYD3R3NT00	3.3	100/0.25	0.022	6.50	4.40
SNR.8040.TYD4R7NT00	4.7	100/0.25	0.025	5.90	4.10
SNR.8040.TYD5R6NT00	5.6	100/0.25	0.027	6.00	3.85
SNR.8040.TYD6R8MT00	6.8	100/0.25	0.031	4.55	3.60
SNR.8040.TYD8R2MT00	8.2	100/0.25	0.034	4.20	3.45
SNR.8040.TYD100MT00	10	100/0.25	0.038	3.60	3.30
SNR.8040.TYD150MT00	15	100/0.25	0.061	2.95	2.60
SNR.8040.TYD180MT00	18	100/0.25	0.069	2.70	2.40
SNR.8040.TYD220MT00	22	100/0.25	0.090	2.40	2.10
SNR.8040.TYD330MT00	33	100/0.25	0.126	2.05	1.80
SNR.8040.TYD390MT00	39	100/0.25	0.139	1.95	1.70
SNR.8040.TYD430MT00	43	100/0.25	0.147	1.90	1.65
SNR.8040.TYD470MT00	47	100/0.25	0.177	1.75	1.55
SNR.8040.TYD560MT00	56	100/0.25	0.192	1.55	1.45
SNR.8040.TYD620MT00	62	100/0.25	0.237	1.50	1.30
SNR.8040.TYD680MT00	68	100/0.25	0.255	1.45	1.25
SNR.8040.TYD820MT00	82	100/0.25	0.293	1.30	1.15
SNR.8040.TYD101MT00	100	100/0.25	0.377	1.15	1.00
SNR.8040.TYD121MT00	120	100/0.25	0.434	1.05	0.95
SNR.8040.TYD151MT00	150	100/0.25	0.533	1.10	0.85
SNR.8040.TYD181MT00	180	100/0.25	0.676	0.95	0.83
SNR.8040.TYD221MT00	220	100/0.25	0.779	0.85	0.80
SNR.8040.TYD331MT00	330	100/0.25	1.156	0.68	0.64
SNR.8040.TYD471MT00	470	100/0.25	1.625	0.60	0.50
SNR.8040.TYD681MT00	680	100/0.25	2.652	0.50	0.45
SNR.8040.TYD102MT00	1000	100/0.25	3.640	0.40	0.35
SNR.8040.TYD152MT00	1500	100/0.25	6.500	0.32	0.26

Note:

1、Tolerance：N:±30% , M:±20% , K:±10%；

2、Saturation Current：DC current at which the inductance drops approximate 30% from its value without current；

3、Heat Rating Current：DC current that causes the temperature rise (△T≤40℃) from 25°C ambient；

◆ELECTRICAL CHARACTERISTICS：

SNR.8060 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SNR.8060.TYD2R2NT00	2.2	100/0.25	0.022	8.00	5.70
SNR.8060.TYD3R3NT00	3.3	100/0.25	0.025	7.50	5.00
SNR.8060.TYD4R7MT00	4.7	100/0.25	0.032	7.00	4.65
SNR.8060.TYD6R8MT00	6.8	100/0.25	0.037	5.90	4.20
SNR.8060.TYD100MT00	10	100/0.25	0.042	5.80	3.80
SNR.8060.TYD150MT00	15	100/0.25	0.071	4.50	3.10
SNR.8060.TYD220MT00	22	100/0.25	0.100	4.30	2.70
SNR.8060.TYD330MT00	33	100/0.25	0.162	3.00	2.10
SNR.8060.TYD470MT00	47	100/0.25	0.188	2.85	1.80
SNR.8060.TYD680MT00	68	100/0.25	0.248	2.50	1.60
SNR.8060.TYD101MT00	100	100/0.25	0.380	2.00	1.25
SNR.8060.TYD221MT00	220	100/0.25	0.884	1.20	0.82
SNR.8060.TYD331MT00	330	100/0.25	1.26	1.05	0.68
SNR.8060.TYD471MT00	470	100/0.25	1.76	0.90	0.55
SNR.8060.TYD681MT00	680	100/0.25	2.80	0.80	0.50
SNR.8060.TYD821MT00	820	100/0.25	3.40	0.70	0.43
SNR.8060.TYD102MT00	1000	100/0.25	3.87	0.60	0.37

Note:

1、Tolerance：N:±30% , M:±20% , K:±10%；

2、Saturation Current：DC current at which the inductance drops approximate 30% from its value without current；

3、Heat Rating Current：DC current that causes the temperature rise (△T≤40℃) from 25°C ambient；

◆ELECTRICAL CHARACTERISTICS：

SNR.8065 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SNR.8065.TYD6R8MT00	6.8	100/0.25	0.029	7.50	4.30
SNR.8065.TYD7R8MT00	7.8	100/0.25	0.033	7.00	4.10
SNR.8065.TYD100MT00	10	100/0.25	0.047	6.00	3.20
SNR.8065.TYD150MT00	15	100/0.25	0.064	5.00	2.80
SNR.8065.TYD220MT00	22	100/0.25	0.082	4.00	2.60
SNR.8065.TYD330MT00	33	100/0.25	0.110	3.40	2.20
SNR.8065.TYD470MT00	47	100/0.25	0.163	2.80	1.80
SNR.8065.TYD101MT00	100	100/0.25	0.338	1.90	1.20
SNR.8065.TYD151MT00	150	100/0.25	0.533	1.50	0.92
SNR.8065.TYD102MT00	1000	200/0.25	3.250	0.62	0.38
SNR.8065.TYD152MT00	1500	200/0.25	4.680	0.50	0.29
SNR.8065.TYD103MT00	10000	200/0.25	36.40	0.17	0.11

Note:

1、Tolerance：N:±30% , M:±20% , K:±10%；

2、Saturation Current：DC current at which the inductance drops approximate 30% from its value without current；

3、Heat Rating Current：DC current that causes the temperature rise (△T≤40℃) from 25°C ambient；

◆ELECTRICAL CHARACTERISTICS：

SNR.1050 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SNR.1050.TYD4R7NT00	4.7	100/0.25	0.030	10.30	4.60
SNR.1050.TYD6R8MT00	6.8	100/0.25	0.037	9.00	4.20
SNR.1050.TYD100MT00	10	100/0.25	0.048	7.20	3.70
SNR.1050.TYD150MT00	15	100/0.25	0.059	6.00	3.20
SNR.1050.TYD220MT00	22	100/0.25	0.085	4.30	2.70
SNR.1050.TYD330MT00	33	100/0.25	0.104	4.00	2.30
SNR.1050.TYD470MT00	47	100/0.25	0.163	3.30	2.00
SNR.1050.TYD680MT00	68	100/0.25	0.235	3.00	1.80
SNR.1050.TYD101MT00	100	100/0.25	0.338	2.50	1.40
SNR.1050.TYD151MT00	150	100/0.25	0.438	2.00	1.20
SNR.1050.TYD221MT00	220	100/0.25	0.675	1.80	1.00
SNR.1050.TYD331MT00	330	100/0.25	1.10	1.40	0.85
SNR.1050.TYD471MT00	470	100/0.25	1.43	1.20	0.73
SNR.1050.TYD561MT00	560	100/0.25	1.75	1.10	0.68
SNR.1050.TYD681MT00	680	100/0.25	1.98	1.00	0.65
SNR.1050.TYD821MT00	820	100/0.25	2.73	0.90	0.55
SNR.1050.TYD102MT00	1000	100/0.25	3.42	0.80	0.50

Note:

1、Tolerance：N:±30% , M:±20% , K:±10%；

2、Saturation Current：DC current at which the inductance drops approximate 30% from its value without current；

3、Heat Rating Current：DC current that causes the temperature rise (△T≤40℃) from 25°C ambient；

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