◆ELECTRICAL CHARACTERISTICS：

SNH.201610 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SNH.201610.SYBR24MT00	0.24	100/0.25	0.040	4.50	3.00
SNH.201610.SYBR33MT00	0.33	100/0.25	0.049	4.40	2.70
SNH.201610.SYBR47MT00	0.47	100/0.25	0.049	4.06	2.70
SNH.201610.SYBR56MT00	0.56	100/0.25	0.053	3.80	2.60
SNH.201610.SYBR68MT00	0.68	100/0.25	0.065	3.50	2.50
SNH.201610.SYB1R0MT00	1.0	100/0.25	0.095	3.30	2.00
SNH.201610.SYB1R5MT00	1.5	100/0.25	0.130	1.95	1.70
SNH.201610.SYB2R2MT00	2.2	100/0.25	0.180	1.90	1.40
SNH.201610.SYB3R3MT00	3.3	100/0.25	0.307	1.40	1.10
SNH.201610.SYB4R7MT00	4.7	100/0.25	0.425	1.10	0.90
SNH.201610.SYB6R8MT00	6.8	100/0.25	0.620	0.95	0.70
SNH.201610.SYB8R2MT00	8.2	100/0.25	0.870	0.86	0.66
SNH.201610.SYB100MT00	10	100/0.25	0.875	0.80	0.60

SNH.252010 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SNH.252010.SYBR24MT00	0.24	100/0.25	0.033	6.10	3.70
SNH.252010.SYBR33MT00	0.33	100/0.25	0.039	4.80	3.50
SNH.252010.SYBR47MT00	0.47	100/0.25	0.045	4.40	3.20
SNH.252010.SYBR68MT00	0.68	100/0.25	0.059	3.20	2.75
SNH.252010.SYB1R0MT00	1.0	100/0.25	0.085	3.10	2.20
SNH.252010.SYB1R5MT00	1.5	100/0.25	0.106	2.60	2.00
SNH.252010.SYB2R2MT00	2.2	100/0.25	0.155	1.90	1.50
SNH.252010.SYB3R3MT00	3.3	100/0.25	0.235	1.60	1.20
SNH.252010.SYB4R7MT00	4.7	100/0.25	0.290	1.30	1.00
SNH.252010.SYB6R8MT00	6.8	100/0.25	0.480	1.00	0.95
SNH.252010.SYB100MT00	10	100/0.25	0.740	0.90	0.65

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：

SNH.252012 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SNH.252012.SYBR24MT00	0.24	100/0.25	0.023	6.50	4.05
SNH.252012.SYBR33MT00	0.33	100/0.25	0.028	5.35	3.70
SNH.252012.SYBR47MT00	0.47	100/0.25	0.035	4.90	3.45
SNH.252012.SYBR68MT00	0.68	100/0.25	0.045	3.80	3.15
SNH.252012.SYB1R0MT00	1.0	100/0.25	0.054	3.60	3.00
SNH.252012.SYB1R5MT00	1.5	100/0.25	0.072	2.90	2.40
SNH.252012.SYB2R2MT00	2.2	100/0.25	0.120	2.60	1.90
SNH.252012.SYB3R3MT00	3.3	100/0.25	0.215	1.70	1.50
SNH.252012.SYB4R7MT00	4.7	100/0.25	0.260	1.60	1.25
SNH.252012.SYB6R8MT00	6.8	100/0.25	0.366	1.20	0.95
SNH.252012.SYB100MT00	10	100/0.25	0.480	1.10	0.85

SNH.3012 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SNH.3012.TYBR33MT00	0.33	100/0.25	0.032	7.20	4.10
SNH.3012.TYBR47MT00	0.47	100/0.25	0.040	6.80	3.80
SNH.3012.TYB1R0MT00	1.0	100/0.25	0.054	4.20	2.70
SNH.3012.TYB1R5MT00	1.5	100/0.25	0.074	3.40	2.50
SNH.3012.TYB2R2MT00	2.2	100/0.25	0.108	2.80	2.05
SNH.3012.TYB3R3MT00	3.3	100/0.25	0.185	2.20	1.50
SNH.3012.TYB4R7MT00	4.7	100/0.25	0.255	2.00	1.15
SNH.3012.TYB6R8MT00	6.8	100/0.25	0.340	1.60	1.10
SNH.3012.TYB100MT00	10	100/0.25	0.474	1.20	1.00
SNH.3012.TYB150MT00	15	100/0.25	0.740	1.10	0.53
SNH.3012.TYB220MT00	22	100/0.25	1.20	0.96	0.40

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：

SNH.3015 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SNH.3015.TYBR22MT00	0.22	100/0.25	0.019	8.80	5.00
SNH.3015.TYBR24MT00	0.24	100/0.25	0.019	8.60	5.00
SNH.3015.TYBR33MT00	0.33	100/0.25	0.021	8.00	4.90
SNH.3015.TYBR47MT00	0.47	100/0.25	0.026	7.60	4.60
SNH.3015.TYBR68MT00	0.68	100/0.25	0.037	7.00	4.00
SNH.3015.TYB1R0MT00	1.0	100/0.25	0.048	5.80	3.50
SNH.3015.TYB1R5MT00	1.5	100/0.25	0.072	4.60	2.20
SNH.3015.TYB2R2MT00	2.2	100/0.25	0.095	3.70	2.20
SNH.3015.TYB3R3MT00	3.3	100/0.25	0.150	3.40	2.00
SNH.3015.TYB4R7MT00	4.7	100/0.25	0.185	2.50	1.70
SNH.3015.TYB6R8MT00	6.8	100/0.25	0.320	2.00	1.20
SNH.3015.TYB100MT00	10	100/0.25	0.450	1.60	1.10
SNH.3015.TYB150MT00	15	100/0.25	0.610	1.45	1.10
SNH.3015.TYB220MT00	22	100/0.25	0.910	1.00	0.56

SNH.4012 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SNH.4012.BYBR47MT00	0.47	100/0.25	0.041	7.20	3.80
SNH.4012.BYBR56MT00	0.56	100/0.25	0.050	6.00	3.20
SNH.4012.BYBR68MT00	0.68	100/0.25	0.055	5.20	3.25
SNH.4012.BYB1R0MT00	1.0	100/0.25	0.059	3.80	3.00
SNH.4012.BYB1R5MT00	1.5	100/0.25	0.075	3.80	2.80
SNH.4012.BYB2R2MT00	2.2	100/0.25	0.090	2.80	2.50
SNH.4012.BYB3R3MT00	3.3	100/0.25	0.130	2.80	2.00
SNH.4012.BYB4R7MT00	4.7	100/0.25	0.175	2.30	1.80
SNH.4012.BYB6R8MT00	6.8	100/0.25	0.230	1.60	1.50
SNH.4012.BYB8R2MT00	8.2	100/0.25	0.273	1.58	1.46
SNH.4012.BYB100MT00	10	100/0.25	0.360	1.55	0.85

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)
SNH.4020.TYBR24MT00	0.24	100/0.25	0.017	14.0	6.00
SNH.4020.TYBR33MT00	0.33	100/0.25	0.020	13.0	5.90
SNH.4020.TYBR47MT00	0.47	100/0.25	0.022	11.0	5.90
SNH.4020.TYBR68MT00	0.68	100/0.25	0.025	9.00	5.80
SNH.4020.TYB1R0MT00	1.0	100/0.25	0.028	8.70	5.80
SNH.4020.TYB1R5MT00	1.5	100/0.25	0.038	7.70	5.20
SNH.4020.TYB2R2MT00	2.2	100/0.25	0.056	6.00	4.00
SNH.4020.TYB3R3MT00	3.3	100/0.25	0.088	4.70	3.40
SNH.4020.TYB4R7MT00	4.7	100/0.25	0.115	4.00	2.85
SNH.4020.TYB6R8MT00	6.8	100/0.25	0.160	3.00	2.40
SNH.4020.TYB8R2MT00	8.2	100/0.25	0.220	2.90	2.10
SNH.4020.TYB100MT00	10	100/0.25	0.220	2.80	2.00
SNH.4020.TYB150MT00	15	100/0.25	0.400	2.10	1.00
SNH.4020.TYB220MT00	22	100/0.25	0.545	1.30	0.95
SNH.4020.TYB330MT00	33	100/0.25	0.850	1.20	0.70
SNH.4020.TYB470MT00	47	100/0.25	1.200	1.10	0.56

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；