

◆**ELECTRICAL CHARACTERISTICS:**

SDRH.103R Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SDRH.103R.LFR80NT00	0.8	100/0.25	0.006	11.20	8.30
SDRH.103R.LF1R5NT00	1.5	100/0.25	0.011	8.00	5.80
SDRH.103R.LF2R2NT00	2.2	100/0.25	0.017	6.70	5.10
SDRH.103R.LF3R3NT00	3.3	100/0.25	0.021	5.56	4.70
SDRH.103R.LF4R7NT00	4.7	100/0.25	0.030	4.65	4.00
SDRH.103R.LF6R8NT00	6.8	100/0.25	0.035	3.84	3.60
SDRH.103R.LF8R2NT00	8.2	100/0.25	0.050	3.54	3.00
SDRH.103R.LF100NT00	10	100/0.25	0.059	3.18	2.80
SDRH.103R.LF150NT00	15	100/0.25	0.091	2.60	2.05
SDRH.103R.LF220NT00	22	100/0.25	0.143	2.16	1.60
SDRH.103R.LF330NT00	33	100/0.25	0.202	1.74	1.35
SDRH.103R.LF470NT00	47	100/0.25	0.299	1.43	1.20
SDRH.103R.LF560NT00	56	100/0.25	0.325	1.36	1.15
SDRH.103R.LF680NT00	68	100/0.25	0.429	1.22	0.95
SDRH.103R.LF820NT00	82	100/0.25	0.494	1.14	0.80
SDRH.103R.LF101MT00	100	100/0.25	0.683	1.02	0.70
SDRH.103R.LF121MT00	120	100/0.25	0.754	0.89	0.65
SDRH.103R.LF151MT00	150	100/0.25	0.871	0.84	0.51

Note:

- 1、Tolerance: N:±30% , M:±20% , K:±10%;
- 2、Saturation Current: DC current at which the inductance drops approximate 35% from its value without current;
- 3、Heat Rating Current: DC current that causes the temperature rise ( $\Delta T \leq 40^{\circ}\text{C}$ ) from  $25^{\circ}\text{C}$  ambient;

◆**ELECTRICAL CHARACTERISTICS:**

SDRH.104R Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SDRH.104R.LF1R5NT00	1.5	100/0.25	0.008	10.00	6.50
SDRH.104R.LF2R7NT00	2.7	100/0.25	0.011	7.50	6.10
SDRH.104R.LF3R9NT00	3.9	100/0.25	0.013	6.00	5.50
SDRH.104R.LF5R2NT00	5.2	100/0.25	0.022	5.50	5.40
SDRH.104R.LF6R8NT00	6.8	100/0.25	0.027	4.80	4.50
SDRH.104R.LF100NT00	10	100/0.25	0.035	4.40	3.80
SDRH.104R.LF120NT00	12	100/0.25	0.046	3.70	3.40
SDRH.104R.LF150NT00	15	100/0.25	0.050	3.60	3.10
SDRH.104R.LF180NT00	18.	100/0.25	0.069	3.10	2.60
SDRH.104R.LF220NT00	22	100/0.25	0.073	2.90	2.50
SDRH.104R.LF270NT00	27	100/0.25	0.088	2.60	2.30
SDRH.104R.LF330NT00	33	100/0.25	0.093	2.30	2.20
SDRH.104R.LF390NT00	39	100/0.25	0.127	2.20	2.00
SDRH.104R.LF470NT00	47	100/0.25	0.128	2.10	1.90
SDRH.104R.LF560NT00	56	100/0.25	0.188	1.65	1.50
SDRH.104R.LF680NT00	68	100/0.25	0.213	1.50	1.42
SDRH.104R.LF820MT00	82	100/0.25	0.283	1.45	1.30
SDRH.104R.LF101MT00	100	100/0.25	0.304	1.35	1.25
SDRH.104R.LF121MT00	120	100/0.25	0.375	1.20	1.08
SDRH.104R.LF151MT00	150	100/0.25	0.506	1.15	0.85
SDRH.104R.LF181MT00	180	100/0.25	0.568	1.00	0.75
SDRH.104R.LF221MT00	220	100/0.25	0.756	0.92	0.70
SDRH.104R.LF271MT00	270	100/0.25	0.853	0.84	0.55
SDRH.104R.LF331MT00	330	100/0.25	1.090	0.70	0.52

Note:

- 1、Tolerance: N:±30% , M:±20% , K:±10%;
- 2、Saturation Current: DC current at which the inductance drops approximate 35% from its value without current;
- 3、Heat Rating Current: DC current that causes the temperature rise ( $\Delta T \leq 40^{\circ}\text{C}$ ) from 25°C ambient;

◆**ELECTRICAL CHARACTERISTICS:**

SDRH.105R Series

Part Number	L(μH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SDRH.105R.LFR80NT00	0.8	100/0.25	0.005	9.50	13.50
SDRH.105R.LF1R5NT00	1.5	100/0.25	0.006	8.30	10.50
SDRH.105R.LF2R2NT00	2.2	100/0.25	0.008	7.50	9.25
SDRH.105R.LF3R3NT00	3.3	100/0.25	0.011	6.50	7.80
SDRH.105R.LF4R7NT00	4.7	100/0.25	0.013	6.10	6.40
SDRH.105R.LF6R8NT00	6.8	100/0.25	0.018	5.40	5.40
SDRH.105R.LF8R2NT00	8.2	100/0.25	0.020	5.00	4.85
SDRH.105R.LF100NT00	10	100/0.25	0.026	4.50	4.45
SDRH.105R.LF120NT00	12	100/0.25	0.033	3.80	4.00
SDRH.105R.LF150NT00	15	100/0.25	0.041	3.40	3.60
SDRH.105R.LF180NT00	18	100/0.25	0.046	3.10	3.20
SDRH.105R.LF220NT00	22	100/0.25	0.061	2.90	2.95
SDRH.105R.LF270NT00	27	100/0.25	0.069	2.60	2.70
SDRH.105R.LF330NT00	33	100/0.25	0.084	2.50	2.40
SDRH.105R.LF390NT00	39	100/0.25	0.106	2.25	2.30
SDRH.105R.LF470NT00	47	100/0.25	0.130	2.00	2.00
SDRH.105R.LF560NT00	56	100/0.25	0.149	1.90	1.90
SDRH.105R.LF680NT00	68	100/0.25	0.201	1.60	1.65
SDRH.105R.LF820NT00	82	100/0.25	0.227	1.45	1.50
SDRH.105R.LF101MT00	100	100/0.25	0.253	1.35	1.35
SDRH.105R.LF121MT00	120	100/0.25	0.303	1.18	1.28
SDRH.105R.LF151MT00	150	100/0.25	0.370	1.10	1.12
SDRH.105R.LF181MT00	180	100/0.25	0.419	1.00	1.04
SDRH.105R.LF221MT00	220	100/0.25	0.500	0.94	0.94
SDRH.105R.LF271MT00	270	100/0.25	0.672	0.80	0.84
SDRH.105R.LF331MT00	330	100/0.25	0.812	0.73	0.75
SDRH.105R.LF391MT00	390	100/0.25	0.953	0.70	0.70
SDRH.105R.LF471MT00	470	100/0.25	1.289	0.54	0.60
SDRH.105R.LF561MT00	560	100/0.25	1.430	0.52	0.54
SDRH.105R.LF681MT00	680	100/0.25	1.599	0.51	0.52
SDRH.105R.LF821MT00	820	100/0.25	1.768	0.48	0.50
SDRH.105R.LF102MT00	1000	100/0.25	1.989	0.42	0.48

Note:

- 1、Tolerance: N:±30% , M:±20% , K:±10%;
- 2、Saturation Current: DC current at which the inductance drops approximate 35% from its value without current;
- 3、Heat Rating Current: DC current that causes the temperature rise ( $\Delta T \leq 40^{\circ}\text{C}$ ) from 25°C ambient;