

◆ELECTRICAL CHARACTERISTICS:

SDRH.0703 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max.(Ω)	IDC Max.(A)
SDRH.0703.LF1R0NT00	1.0	100/0.25	0.016	7.97
SDRH.0703.LF1R5NT00	1.5	100/0.25	0.023	5.50
SDRH.0703.LF2R2NT00	2.2	100/0.25	0.027	4.50
SDRH.0703.LF3R3NT00	3.3	100/0.25	0.031	4.00
SDRH.0703.LF4R7NT00	4.7	100/0.25	0.048	3.50
SDRH.0703.LF5R6NT00	5.6	100/0.25	0.056	3.00
SDRH.0703.LF6R8NT00	6.8	100/0.25	0.062	2.50
SDRH.0703.LF100NT00	10	100/0.25	0.072	1.68
SDRH.0703.LF150MT00	15	100/0.25	0.130	1.33
SDRH.0703.LF180MT00	18	100/0.25	0.140	1.20
SDRH.0703.LF220MT00	22	100/0.25	0.190	1.07
SDRH.0703.LF330MT00	33	100/0.25	0.240	0.91
SDRH.0703.LF390MT00	39	100/0.25	0.320	0.77
SDRH.0703.LF470MT00	47	100/0.25	0.360	0.76
SDRH.0703.LF680MT00	68	100/0.25	0.520	0.61
SDRH.0703.LF101MT00	100	100/0.25	0.790	0.50
SDRH.0703.LF151MT00	150	100/0.25	1.270	0.43
SDRH.0703.LF181MT00	180	100/0.25	1.450	0.39
SDRH.0703.LF221MT00	220	100/0.25	1.650	0.35
SDRH.0703.LF331MT00	330	100/0.25	2.620	0.28
SDRH.0703.LF391MT00	390	100/0.25	2.940	0.26
SDRH.0703.LF471MT00	470	100/0.25	4.180	0.24
SDRH.0703.LF561MT00	560	100/0.25	4.670	0.22
SDRH.0703.LF681MT00	680	100/0.25	5.730	0.19
SDRH.0703.LF821MT00	820	100/0.25	6.540	0.18
SDRH.0703.LF102MT00	1000	100/0.25	9.440	0.16

Note:

- 1、Tolerance: N:±30% , M:±20% , K:±10%;
- 2、IDC: DC current at which the inductance drops approximate 25% from its value without current;

◆ELECTRICAL CHARACTERISTICS:

SDRH.0704 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max.(Ω)	IDC Max.(A)
SDRH.0704.LF1R0NT00	1.0	100/0.25	0.015	9.00
SDRH.0704.LF1R5NT00	1.5	100/0.25	0.018	7.00
SDRH.0704.LF2R2NT00	2.2	100/0.25	0.028	6.00
SDRH.0704.LF3R3NT00	3.3	100/0.25	0.032	4.80
SDRH.0704.LF3R9NT00	3.9	100/0.25	0.035	4.40
SDRH.0704.LF4R7NT00	4.7	100/0.25	0.038	4.00
SDRH.0704.LF5R6NT00	5.6	100/0.25	0.040	3.50
SDRH.0704.LF6R8NT00	6.8	100/0.25	0.045	3.00
SDRH.0704.LF100NT00	10	100/0.25	0.049	1.84
SDRH.0704.LF120MT00	12	100/0.25	0.058	1.71
SDRH.0704.LF150MT00	15	100/0.25	0.081	1.47
SDRH.0704.LF180MT00	18	100/0.25	0.091	1.31
SDRH.0704.LF220MT00	22	100/0.25	0.110	1.23
SDRH.0704.LF270MT00	27	100/0.25	0.150	1.12
SDRH.0704.LF330MT00	33	100/0.25	0.170	0.96
SDRH.0704.LF390MT00	39	100/0.25	0.230	0.91
SDRH.0704.LF470MT00	47	100/0.25	0.260	0.88
SDRH.0704.LF560MT00	56	100/0.25	0.350	0.80
SDRH.0704.LF680MT00	68	100/0.25	0.380	0.70
SDRH.0704.LF820MT00	82	100/0.25	0.430	0.61
SDRH.0704.LF101MT00	100	100/0.25	0.610	0.60
SDRH.0704.LF121MT00	120	100/0.25	0.660	0.52
SDRH.0704.LF151MT00	150	100/0.25	0.880	0.46
SDRH.0704.LF181MT00	180	100/0.25	0.980	0.42
SDRH.0704.LF221MT00	220	100/0.25	1.170	0.36
SDRH.0704.LF271MT00	270	100/0.25	1.640	0.34
SDRH.0704.LF331MT00	330	100/0.25	1.860	0.32
SDRH.0704.LF391MT00	390	100/0.25	2.850	0.29
SDRH.0704.LF471MT00	470	100/0.25	3.010	0.26
SDRH.0704.LF561MT00	560	100/0.25	3.620	0.23
SDRH.0704.LF681MT00	680	100/0.25	4.630	0.22
SDRH.0704.LF821MT00	820	100/0.25	5.200	0.20
SDRH.0704.LF102MT00	1000	100/0.25	6.000	0.18

Note:

- 1、Tolerance: N:±30% , M:±20% , K:±10%;
- 2、IDC: DC current at which the inductance drops approximate 25% from its value without current;

◆**ELECTRICAL CHARACTERISTICS:**

SDRH.1204 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max.(Ω)	IDC Max.(A)
SDRH.1204.LF3R9MT00	3.9	100/0.25	0.015	6.50
SDRH.1204.LF4R7MT00	4.7	100/0.25	0.018	5.70
SDRH.1204.LF6R8MT00	6.8	100/0.25	0.023	4.90
SDRH.1204.LF8R2MT00	8.2	100/0.25	0.026	4.60
SDRH.1204.LF100MT00	10	100/0.25	0.028	4.50
SDRH.1204.LF120MT00	12	100/0.25	0.038	4.00
SDRH.1204.LF150MT00	15	100/0.25	0.050	3.20
SDRH.1204.LF180MT00	18	100/0.25	0.057	3.10
SDRH.1204.LF220MT00	22	100/0.25	0.066	2.90
SDRH.1204.LF270MT00	27	100/0.25	0.080	2.80
SDRH.1204.LF330MT00	33	100/0.25	0.097	2.70
SDRH.1204.LF390MT00	39	100/0.25	0.132	2.10
SDRH.1204.LF470MT00	47	100/0.25	0.150	1.90
SDRH.1204.LF560MT00	56	100/0.25	0.190	1.80
SDRH.1204.LF680MT00	68	100/0.25	0.220	1.50
SDRH.1204.LF820MT00	82	100/0.25	0.260	1.30
SDRH.1204.LF101MT00	100	100/0.25	0.308	1.20
SDRH.1204.LF121MT00	120	100/0.25	0.380	1.10
SDRH.1204.LF151MT00	150	100/0.25	0.530	0.95
SDRH.1204.LF181MT00	180	100/0.25	0.620	0.85
SDRH.1204.LF221MT00	220	100/0.25	0.700	0.80
SDRH.1204.LF271MT00	270	100/0.25	0.870	0.60
SDRH.1204.LF331MT00	330	100/0.25	0.990	0.50

Note:

- 1、Tolerance: N:±30% , M:±20% , K:±10%;
- 2、IDC: DC current at which the inductance drops approximate 25% from its value without current;

◆**ELECTRICAL CHARACTERISTICS:**

SDRH.1205 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max.(Ω)	IDC Max.(A)
SDRH.1205.LF1R3NT00	1.3	100/0.25	0.012	8.00
SDRH.1205.LF2R1NT00	2.1	100/0.25	0.014	7.00
SDRH.1205.LF3R1NT00	3.1	100/0.25	0.017	6.00
SDRH.1205.LF4R4NT00	4.4	100/0.25	0.020	5.00
SDRH.1205.LF5R8NT00	5.8	100/0.25	0.021	4.40
SDRH.1205.LF7R5NT00	7.5	100/0.25	0.024	4.20
SDRH.1205.LF100NT00	10	100/0.25	0.025	4.00
SDRH.1205.LF120MT00	12	100/0.25	0.027	3.50
SDRH.1205.LF150MT00	15	100/0.25	0.030	3.30
SDRH.1205.LF180MT00	18	100/0.25	0.034	3.00
SDRH.1205.LF220MT00	22	100/0.25	0.036	2.80
SDRH.1205.LF270MT00	27	100/0.25	0.051	2.30
SDRH.1205.LF330MT00	33	100/0.25	0.057	2.10
SDRH.1205.LF390MT00	39	100/0.25	0.068	2.00
SDRH.1205.LF470MT00	47	100/0.25	0.075	1.80
SDRH.1205.LF560MT00	56	100/0.25	0.110	1.70
SDRH.1205.LF680MT00	68	100/0.25	0.120	1.50
SDRH.1205.LF820MT00	82	100/0.25	0.140	1.40
SDRH.1205.LF101MT00	100	100/0.25	0.160	1.30
SDRH.1205.LF121MT00	120	100/0.25	0.170	1.10
SDRH.1205.LF151MT00	150	100/0.25	0.230	1.00
SDRH.1205.LF181MT00	180	100/0.25	0.290	0.90
SDRH.1205.LF221MT00	220	100/0.25	0.400	0.80
SDRH.1205.LF271MT00	270	100/0.25	0.460	0.75
SDRH.1205.LF331MT00	330	100/0.25	0.510	0.68
SDRH.1205.LF391MT00	390	100/0.25	0.690	0.65
SDRH.1205.LF471MT00	470	100/0.25	0.770	0.58
SDRH.1205.LF561MT00	560	100/0.25	0.860	0.54
SDRH.1205.LF681MT00	680	100/0.25	1.200	0.48
SDRH.1205.LF821MT00	820	100/0.25	1.340	0.43
SDRH.1205.LF102MT00	1000	100/0.25	1.530	0.40

Note:

- 1、Tolerance: N:±30% , M:±20% , K:±10%;
- 2、IDC: DC current at which the inductance drops approximate 25% from its value without current;

◆**ELECTRICAL CHARACTERISTICS:**

SDRH.1207 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max.(Ω)	IDC Max.(A)
SDRH.1207.LF1R2NT00	1.2	100/0.25	0.007	9.80
SDRH.1207.LF2R4NT00	2.4	100/0.25	0.012	8.00
SDRH.1207.LF3R5NT00	3.5	100/0.25	0.014	7.50
SDRH.1207.LF4R7NT00	4.7	100/0.25	0.016	6.80
SDRH.1207.LF6R1NT00	6.1	100/0.25	0.018	6.60
SDRH.1207.LF7R6NT00	7.6	100/0.25	0.020	5.90
SDRH.1207.LF100NT00	10	100/0.25	0.022	5.40
SDRH.1207.LF120MT00	12	100/0.25	0.024	4.90
SDRH.1207.LF150MT00	15	100/0.25	0.030	4.50
SDRH.1207.LF180MT00	18	100/0.25	0.039	3.90
SDRH.1207.LF220MT00	22	100/0.25	0.043	3.60
SDRH.1207.LF270MT00	27	100/0.25	0.046	3.40
SDRH.1207.LF330MT00	33	100/0.25	0.065	3.00
SDRH.1207.LF390MT00	39	100/0.25	0.073	2.75
SDRH.1207.LF470MT00	47	100/0.25	0.100	2.50
SDRH.1207.LF560MT00	56	100/0.25	0.110	2.35
SDRH.1207.LF680MT00	68	100/0.25	0.140	2.10
SDRH.1207.LF820MT00	82	100/0.25	0.160	1.95
SDRH.1207.LF101MT00	100	100/0.25	0.220	1.70
SDRH.1207.LF121MT00	120	100/0.25	0.250	1.60
SDRH.1207.LF151MT00	150	100/0.25	0.280	1.42
SDRH.1207.LF181MT00	180	100/0.25	0.350	1.30
SDRH.1207.LF221MT00	220	100/0.25	0.390	1.16
SDRH.1207.LF271MT00	270	100/0.25	0.560	1.06
SDRH.1207.LF331MT00	330	100/0.25	0.640	0.95
SDRH.1207.LF391MT00	390	100/0.25	0.700	0.88
SDRH.1207.LF471MT00	470	100/0.25	0.980	0.79
SDRH.1207.LF561MT00	560	100/0.25	1.070	0.73
SDRH.1207.LF681MT00	680	100/0.25	1.460	0.67
SDRH.1207.LF821MT00	820	100/0.25	1.640	0.60
SDRH.1207.LF102MT00	1000	100/0.25	1.820	0.55

Note:

- 1、Tolerance: N:±30% , M:±20% , K:±10%;
- 2、IDC: DC current at which the inductance drops approximate 25% from its value without current;

◆**ELECTRICAL CHARACTERISTICS:**

SDRH.1209 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max.(Ω)	IDC Max.(A)
SDRH.1209.LF1R0NT00	1.0	100/0.25	0.006	19.90
SDRH.1209.LF1R8NT00	1.8	100/0.25	0.007	13.40
SDRH.1209.LF2R5NT00	2.5	100/0.25	0.008	12.16
SDRH.1209.LF3R5NT00	3.5	100/0.25	0.010	12.00
SDRH.1209.LF4R7NT00	4.7	100/0.25	0.011	10.08
SDRH.1209.LF6R8NT00	6.8	100/0.25	0.013	8.56
SDRH.1209.LF100NT00	10	100/0.25	0.018	7.12
SDRH.1209.LF120MT00	12	100/0.25	0.019	7.04
SDRH.1209.LF150MT00	15	100/0.25	0.026	5.84
SDRH.1209.LF180MT00	18	100/0.25	0.028	5.48
SDRH.1209.LF220MT00	22	100/0.25	0.029	5.12
SDRH.1209.LF270MT00	27	100/0.25	0.042	4.68
SDRH.1209.LF330MT00	33	100/0.25	0.053	4.25
SDRH.1209.LF390MT00	39	100/0.25	0.058	3.92
SDRH.1209.LF470MT00	47	100/0.25	0.063	3.60
SDRH.1209.LF560MT00	56	100/0.25	0.068	2.85
SDRH.1209.LF680MT00	68	100/0.25	0.093	2.76
SDRH.1209.LF820MT00	82	100/0.25	0.099	2.62
SDRH.1209.LF101MT00	100	100/0.25	0.126	2.31
SDRH.1209.LF121MT00	120	100/0.25	0.154	2.05
SDRH.1209.LF151MT00	150	100/0.25	0.174	1.80
SDRH.1209.LF181MT00	180	100/0.25	0.191	1.66
SDRH.1209.LF221MT00	220	100/0.25	0.246	1.64
SDRH.1209.LF271MT00	270	100/0.25	0.314	1.46
SDRH.1209.LF331MT00	330	100/0.25	0.386	1.28
SDRH.1209.LF391MT00	390	100/0.25	0.428	1.17
SDRH.1209.LF471MT00	470	100/0.25	0.471	1.06
SDRH.1209.LF561MT00	560	100/0.25	0.650	1.01
SDRH.1209.LF681MT00	680	100/0.25	0.730	0.83
SDRH.1209.LF821MT00	820	100/0.25	0.824	0.81
SDRH.1209.LF102MT00	1000	100/0.25	1.220	0.70
SDRH.1209.LF122MT00	1200	100/0.25	1.330	0.64
SDRH.1209.LF152MT00	1500	100/0.25	1.990	0.56
SDRH.1209.LF182MT00	1800	100/0.25	2.180	0.48
SDRH.1209.LF222MT00	2200	100/0.25	2.580	0.43

Note:

- 1、Tolerance: N:±30% , M:±20% , K:±10%;
- 2、IDC: DC current at which the inductance drops approximate 25% from its value without current;

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