

◆**ELECTRICAL CHARACTERISTICS:**

SDR.1608 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SDR.1608.LF1R0MT00	1.0	100/0.25	0.050	2.90	2.90
SDR.1608.LF1R5MT00	1.5	100/0.25	0.050	2.60	2.80
SDR.1608.LF2R2MT00	2.2	100/0.25	0.070	2.30	2.40
SDR.1608.LF3R3MT00	3.3	100/0.25	0.080	2.00	2.00
SDR.1608.LF4R7MT00	4.7	100/0.25	0.090	1.50	1.50
SDR.1608.LF6R8MT00	6.8	100/0.25	0.130	1.20	1.40
SDR.1608.LF100MT00	10	100/0.25	0.160	1.10	1.30
SDR.1608.LF150MT00	15	100/0.25	0.230	0.90	1.20
SDR.1608.LF220MT00	22	100/0.25	0.370	0.70	0.80
SDR.1608.LF330MT00	33	100/0.25	0.510	0.58	0.60
SDR.1608.LF470MT00	47	100/0.25	0.640	0.50	0.50
SDR.1608.LF680MT00	68	100/0.25	0.860	0.40	0.40
SDR.1608.LF101MT00	100	100/0.25	1.270	0.31	0.30
SDR.1608.LF151MT00	150	100/0.25	2.000	0.27	0.25
SDR.1608.LF221MT00	220	100/0.25	3.110	0.22	0.20
SDR.1608.LF331MT00	330	100/0.25	3.800	0.18	0.16
SDR.1608.LF471MT00	470	100/0.25	6.200	0.16	0.15
SDR.1608.LF681MT00	680	100/0.25	9.200	0.14	0.12
SDR.1608.LF102MT00	1000	100/0.25	13.800	0.10	0.07

Note:

- 1、Tolerance: N:±30% , M:±20% , K:±10%;
- 2、Saturation Current: DC current at which the inductance drops approximate 10% 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:**

SDR.3308 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SDR.3308.LF100MT00	10	100/0.25	0.110	2.40	2.00
SDR.3308.LF150MT00	15	100/0.25	0.150	2.00	1.50
SDR.3308.LF220MT00	22	100/0.25	0.230	1.60	1.30
SDR.3308.LF330MT00	33	100/0.25	0.300	1.40	1.10
SDR.3308.LF470MT00	47	100/0.25	0.390	1.00	0.80
SDR.3308.LF680MT00	68	100/0.25	0.660	0.90	0.70
SDR.3308.LF101MT00	100	100/0.25	0.840	0.70	0.60
SDR.3308.LF151MT00	150	100/0.25	1.200	0.60	0.50
SDR.3308.LF221MT00	220	100/0.25	1.900	0.50	0.40
SDR.3308.LF331MT00	330	100/0.25	2.700	0.40	0.30
SDR.3308.LF471MT00	470	100/0.25	4.000	0.30	0.20
SDR.3308.LF681MT00	680	100/0.25	5.300	0.20	0.10
SDR.3308.LF102MT00	1000	100/0.25	8.400	0.10	0.05

SDR.3316 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SDR.3316.LF1R0MT00	1.0	100/0.25	0.009	9.00	6.80
SDR.3316.LF2R2MT00	2.2	100/0.25	0.012	7.00	6.10
SDR.3316.LF3R3MT00	3.3	100/0.25	0.015	6.40	5.40
SDR.3316.LF4R7MT00	4.7	100/0.25	0.018	5.40	4.80
SDR.3316.LF6R8MT00	6.8	100/0.25	0.027	4.60	4.40
SDR.3316.LF100MT00	10	100/0.25	0.038	3.80	3.90
SDR.3316.LF220MT00	22	100/0.25	0.085	2.60	2.70
SDR.3316.LF330MT00	33	100/0.25	0.100	2.00	2.10
SDR.3316.LF470MT00	47	100/0.25	0.140	1.60	1.80
SDR.3316.LF680MT00	68	100/0.25	0.200	1.40	1.50
SDR.3316.LF101MT00	100	100/0.25	0.280	1.20	1.30
SDR.3316.LF151MT00	150	100/0.25	0.400	1.00	1.00
SDR.3316.LF221MT00	220	100/0.25	0.610	0.80	0.80
SDR.3316.LF331MT00	330	100/0.25	1.020	0.60	0.60
SDR.3316.LF471MT00	470	100/0.25	1.270	0.50	0.50
SDR.3316.LF681MT00	680	100/0.25	2.020	0.40	0.40
SDR.3316.LF102MT00	1000	100/0.25	3.000	0.30	0.30

Note:

- 1、Tolerance: N:±30% , M:±20% , K:±10%;
- 2、Saturation Current: DC current at which the inductance drops approximate 10% 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:

SDR.3340 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SDR.3340.LF100MT00	10	100/0.25	0.040	8.00	3.50
SDR.3340.LF150MT00	15	100/0.25	0.050	7.00	3.00
SDR.3340.LF220MT00	22	100/0.25	0.066	5.50	2.50
SDR.3340.LF330MT00	33	100/0.25	0.080	4.00	2.00
SDR.3340.LF470MT00	47	100/0.25	0.110	3.80	1.60
SDR.3340.LF680MT00	68	100/0.25	0.170	3.00	1.20
SDR.3340.LF101MT00	100	100/0.25	0.220	2.50	1.00
SDR.3340.LF151MT00	150	100/0.25	0.340	2.00	0.90
SDR.3340.LF221MT00	220	100/0.25	0.440	1.60	0.70
SDR.3340.LF331MT00	330	100/0.25	0.700	1.20	0.60
SDR.3340.LF471MT00	470	100/0.25	0.950	1.10	0.30
SDR.3340.LF681MT00	680	100/0.25	1.200	1.00	0.20
SDR.3340.LF102MT00	1000	100/0.25	2.000	0.80	0.10

SDR.5022 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max. (Ω)	Saturation Current(A)	Heat Rating Current (A)
SDR.5022.LF1R0MT00	1.0	100/0.25	0.009	20.00	8.60
SDR.5022.LF2R2MT00	2.2	100/0.25	0.014	16.00	7.10
SDR.5022.LF3R3MT00	3.3	100/0.25	0.018	14.00	6.20
SDR.5022.LF5R6MT00	5.6	100/0.25	0.020	12.00	5.30
SDR.5022.LF100MT00	10	100/0.25	0.031	10.00	4.30
SDR.5022.LF150MT00	15	100/0.25	0.036	8.00	4.00
SDR.5022.LF220MT00	22	100/0.25	0.047	7.00	3.50
SDR.5022.LF330MT00	33	100/0.25	0.066	5.50	3.00
SDR.5022.LF470MT00	47	100/0.25	0.086	4.50	2.60
SDR.5022.LF680MT00	68	100/0.25	0.130	3.50	2.30
SDR.5022.LF101MT00	100	100/0.25	0.190	3.00	1.80
SDR.5022.LF151MT00	150	100/0.25	0.250	2.60	1.50
SDR.5022.LF221MT00	220	100/0.25	0.380	2.40	1.20
SDR.5022.LF331MT00	330	100/0.25	0.560	1.90	1.00
SDR.5022.LF471MT00	470	100/0.25	0.850	1.40	0.82
SDR.5022.LF681MT00	680	100/0.25	1.100	1.20	0.72
SDR.5022.LF102MT00	1000	100/0.25	1.800	1.00	0.56

Note:

- 1、Tolerance: N:±30% , M:±20% , K:±10%;
- 2、Saturation Current: DC current at which the inductance drops approximate 10% 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;