

◆**ELECTRICAL CHARACTERISTICS:**

SCR.110 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max.(Ω)	IDC Max.(A)
SCR.110.100MT00	10	1.0/0.25	0.018	1.00
SCR.110.150MT00	15	1.0/0.25	0.020	0.810
SCR.110.180MT00	18	1.0/0.25	0.023	0.765
SCR.110.220MT00	22	1.0/0.25	0.025	0.630
SCR.110.270MT00	27	1.0/0.25	0.027	0.495
SCR.110.330MT00	33	1.0/0.25	0.034	0.470
SCR.110.390MT00	39	1.0/0.25	0.039	0.390
SCR.110.470MT00	47	1.0/0.25	0.047	0.370
SCR.110.560MT00	56	1.0/0.25	0.049	0.325
SCR.110.680MT00	68	1.0/0.25	0.056	0.290
SCR.110.820MT00	82	1.0/0.25	0.061	0.270
SCR.110.101MT00	100	1.0/0.25	0.069	0.230
SCR.110.151MT00	150	1.0/0.25	0.095	0.200
SCR.110.181MT00	180	1.0/0.25	0.105	0.175
SCR.110.221MT00	220	1.0/0.25	0.115	0.160
SCR.110.271MT00	270	1.0/0.25	0.150	0.140
SCR.110.331MT00	330	1.0/0.25	0.195	0.115
SCR.110.391MT00	390	1.0/0.25	0.210	0.108
SCR.110.471MT00	470	1.0/0.25	0.250	0.104
SCR.110.561MT00	560	1.0/0.25	0.280	0.095
SCR.110.681MT00	680	1.0/0.25	0.365	0.078
SCR.110.821MT00	820	1.0/0.25	0.425	0.075
SCR.110.102MT00	1000	1.0/0.25	0.470	0.068
SCR.110.122MT00	1200	1.0/0.25	1.00	0.050
SCR.110.152MT00	1500	1.0/0.25	5.90	0.046
SCR.110.182MT00	1800	1.0/0.25	6.60	0.041
SCR.110.222MT00	2200	1.0/0.25	7.80	0.037
SCR.110.272MT00	2700	1.0/0.25	9.00	0.034
SCR.110.332MT00	3300	1.0/0.25	10.00	0.030
SCR.110.392MT00	3900	1.0/0.25	11.50	0.028
SCR.110.472MT00	4700	1.0/0.25	12.60	0.025
SCR.110.562MT00	5600	1.0/0.25	17.20	0.023
SCR.110.682MT00	6800	1.0/0.25	19.00	0.020
SCR.110.822MT00	8200	1.0/0.25	22.00	0.018
SCR.110.103MT00	10000	1.0/0.25	25.0	0.015

Note:

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

◆**ELECTRICAL CHARACTERISTICS:**

SCR.112 Series

Part Number	L(μH)	Test Freq. (KHz/V)	DCR Max.(Ω)	IDC Max.(A)
SCR.112.100MT00	10	1.0/0.25	0.027	3.30
SCR.112.150MT00	15	1.0/0.25	0.033	2.80
SCR.112.180MT00	18	1.0/0.25	0.037	2.50
SCR.112.220MT00	22	1.0/0.25	0.045	2.25
SCR.112.270MT00	27	1.0/0.25	0.051	2.00
SCR.112.330MT00	33	1.0/0.25	0.067	1.87
SCR.112.390MT00	39	1.0/0.25	0.076	1.68
SCR.112.470MT00	47	1.0/0.25	0.085	1.50
SCR.112.560MT00	56	1.0/0.25	0.094	1.44
SCR.112.680MT00	68	1.0/0.25	0.103	1.28
SCR.112.820MT00	82	1.0/0.25	0.125	1.20
SCR.112.101MT00	100	1.0/0.25	0.170	1.11
SCR.112.151MT00	150	1.0/0.25	0.210	0.84
SCR.112.181MT00	180	1.0/0.25	0.235	0.81
SCR.112.221MT00	220	1.0/0.25	0.300	0.72
SCR.112.271MT00	270	1.0/0.25	0.420	0.64
SCR.112.331MT00	330	1.0/0.25	0.475	0.59
SCR.112.391MT00	390	1.0/0.25	0.600	0.54
SCR.112.471MT00	470	1.0/0.25	0.668	0.50
SCR.112.561MT00	560	1.0/0.25	0.855	0.43
SCR.112.681MT00	680	1.0/0.25	1.080	0.39
SCR.112.821MT00	820	1.0/0.25	1.200	0.37
SCR.112.102MT00	1000	1.0/0.25	1.380	0.33
SCR.112.122MT00	1200	1.0/0.25	3.700	0.05
SCR.112.152MT00	1500	1.0/0.25	4.00	0.04
SCR.112.182MT00	1800	1.0/0.25	4.50	0.04
SCR.112.222MT00	2200	1.0/0.25	5.20	0.04
SCR.112.272MT00	2700	1.0/0.25	5.80	0.03
SCR.112.332MT00	3300	1.0/0.25	6.10	0.03
SCR.112.392MT00	3900	1.0/0.25	7.20	0.03
SCR.112.472MT00	4700	1.0/0.25	7.50	0.02
SCR.112.562MT00	5600	1.0/0.25	8.40	0.02
SCR.112.682MT00	6800	1.0/0.25	9.70	0.02
SCR.112.822MT00	8200	1.0/0.25	10.4	0.02
SCR.112.103MT00	10000	1.0/0.25	12.1	0.01

Note:

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

◆ELECTRICAL CHARACTERISTICS:

SCR.114 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max.(Ω)	IDC Max.(A)
SCR.114.100MT00	10	1.0/0.25	0.029	4.50
SCR.114.150MT00	15	1.0/0.25	0.040	3.65
SCR.114.180MT00	18	1.0/0.25	0.054	3.20
SCR.114.220MT00	22	1.0/0.25	0.060	3.20
SCR.114.270MT00	27	1.0/0.25	0.066	2.70
SCR.114.330MT00	33	1.0/0.25	0.070	2.40
SCR.114.390MT00	39	1.0/0.25	0.078	2.25
SCR.114.470MT00	47	1.0/0.25	0.086	2.10
SCR.114.560MT00	56	1.0/0.25	0.094	1.90
SCR.114.680MT00	68	1.0/0.25	0.102	1.75
SCR.114.820MT00	82	1.0/0.25	0.124	1.65
SCR.114.101MT00	100	1.0/0.25	0.158	1.45
SCR.114.151MT00	150	1.0/0.25	0.248	1.18
SCR.114.181MT00	180	1.0/0.25	0.345	1.08
SCR.114.221MT00	220	1.0/0.25	0.440	0.92
SCR.114.271MT00	270	1.0/0.25	0.488	0.87
SCR.114.331MT00	330	1.0/0.25	0.650	0.80
SCR.114.391MT00	390	1.0/0.25	0.835	0.74
SCR.114.471MT00	470	1.0/0.25	0.902	0.67
SCR.114.561MT00	560	1.0/0.25	1.21	0.61
SCR.114.681MT00	680	1.0/0.25	1.33	0.55
SCR.114.821MT00	820	1.0/0.25	1.45	0.51
SCR.114.102MT00	1000	1.0/0.25	2.05	0.46
SCR.114.122MT00	1200	1.0/0.25	2.25	0.43
SCR.114.152MT00	1500	1.0/0.25	2.50	0.37
SCR.114.182MT00	1800	1.0/0.25	2.80	0.35
SCR.114.222MT00	2200	1.0/0.25	3.90	0.30
SCR.114.272MT00	2700	1.0/0.25	4.28	0.27
SCR.114.332MT00	3300	1.0/0.25	7.68	0.26
SCR.114.392MT00	3900	1.0/0.25	8.35	0.23
SCR.114.472MT00	4700	1.0/0.25	9.10	0.21
SCR.114.562MT00	5600	1.0/0.25	10.2	0.19
SCR.114.682MT00	6800	1.0/0.25	15.4	0.18
SCR.114.822MT00	8200	1.0/0.25	16.9	0.16
SCR.114.103MT00	10000	1.0/0.25	23.5	0.15

Note:

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

◆ELECTRICAL CHARACTERISTICS:

SCR.124 Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max.(Ω)	IDC Max.(A)
SCR.124.100MT00	10	1.0/0.25	0.015	3.61
SCR.124.150MT00	15	1.0/0.25	0.017	3.16
SCR.124.180MT00	18	1.0/0.25	0.020	2.81
SCR.124.220MT00	22	1.0/0.25	0.021	2.44
SCR.124.270MT00	27	1.0/0.25	0.023	2.12
SCR.124.330MT00	33	1.0/0.25	0.024	1.80
SCR.124.390MT00	39	1.0/0.25	0.027	1.64
SCR.124.470MT00	47	1.0/0.25	0.032	1.57
SCR.124.560MT00	56	1.0/0.25	0.034	1.39
SCR.124.680MT00	68	1.0/0.25	0.060	1.26
SCR.124.820MT00	82	1.0/0.25	0.070	1.18
SCR.124.101MT00	100	1.0/0.25	0.090	1.14
SCR.124.151MT00	150	1.0/0.25	0.11	0.82
SCR.124.181MT00	180	1.0/0.25	0.12	0.73
SCR.124.221MT00	220	1.0/0.25	0.14	0.61
SCR.124.271MT00	270	1.0/0.25	0.16	0.54
SCR.124.331MT00	330	1.0/0.25	0.17	0.52
SCR.124.391MT00	390	1.0/0.25	0.32	0.48
SCR.124.471MT00	470	1.0/0.25	0.35	0.44
SCR.124.561MT00	560	1.0/0.25	0.39	0.40
SCR.124.681MT00	680	1.0/0.25	0.44	0.38
SCR.124.821MT00	820	1.0/0.25	0.48	0.28
SCR.124.102MT00	1000	1.0/0.25	0.53	0.27
SCR.124.122MT00	1200	1.0/0.25	0.66	0.26
SCR.124.152MT00	1500	1.0/0.25	0.86	0.23
SCR.124.182MT00	1800	1.0/0.25	0.95	0.21
SCR.124.222MT00	2200	1.0/0.25	1.07	0.18

Note:

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