

◆ELECTRICAL CHARACTERISTICS:

SRF.52B Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max.(Ω)	IDC Max.(A)
SRF.52B.YF1R0NT00	1.0	100/0.25	0.050	1.70
SRF.52B.YF2R2NT00	2.2	100/0.25	0.070	1.10
SRF.52B.YF3R3NT00	3.3	100/0.25	0.080	0.90
SRF.52B.YF5R6NT00	5.6	100/0.25	0.100	0.75
SRF.52B.YF6R8NT00	6.8	100/0.25	0.110	0.70
SRF.52B.YF8R2NT00	8.2	100/0.25	0.130	0.60
SRF.52B.YF100MT00	10	100/0.25	0.150	0.54
SRF.52B.YF150MT00	15	100/0.25	0.200	0.46
SRF.52B.YF220MT00	22	100/0.25	0.280	0.42
SRF.52B.YF330MT00	33	100/0.25	0.450	0.35
SRF.52B.YF390MT00	39	100/0.25	0.550	0.32
SRF.52B.YF470MT00	47	100/0.25	0.600	0.28
SRF.52B.YF560MT00	56	100/0.25	0.760	0.25
SRF.52B.YF680MT00	68	100/0.25	0.920	0.23

SRF.63B Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max.(Ω)	IDC Max.(A)
SRF.63B.YF1R0NT00	1.0	100/0.25	0.070	3.00
SRF.63B.YF2R2NT00	2.2	100/0.25	0.120	2.60
SRF.63B.YF3R3NT00	3.3	100/0.25	0.140	2.45
SRF.63B.YF4R7NT00	4.7	100/0.25	0.160	2.30
SRF.63B.YF5R6NT00	5.6	100/0.25	0.180	2.00
SRF.63B.YF6R8NT00	6.8	100/0.25	0.240	1.80
SRF.63B.YF8R2NT00	8.2	100/0.25	0.280	1.60
SRF.63B.YF100MT00	10	100/0.25	0.370	1.50
SRF.63B.YF150MT00	15	100/0.25	0.470	1.20
SRF.63B.YF180MT00	18	100/0.25	0.640	1.10
SRF.63B.YF220MT00	22	100/0.25	0.710	1.00
SRF.63B.YF330MT00	33	100/0.25	1.110	0.85
SRF.63B.YF390MT00	39	100/0.25	1.260	0.78
SRF.63B.YF470MT00	47	100/0.25	1.770	0.72
SRF.63B.YF560MT00	56	100/0.25	1.960	0.66
SRF.63B.YF680MT00	68	100/0.25	2.500	0.58
SRF.63B.YF820MT00	82	100/0.25	3.100	0.51
SRF.63B.YF101MT00	100	100/0.25	3.500	0.49

Note:

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

◆ELECTRICAL CHARACTERISTICS:

SRF.74B Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max.(Ω)	IDC Max.(A)
SRF.74B.YF1R0NT00	1.0	100/0.25	0.035	3.50
SRF.74B.YF1R5NT00	1.5	100/0.25	0.045	3.15
SRF.74B.YF2R2NT00	2.2	100/0.25	0.050	3.00
SRF.74B.YF3R3NT00	3.3	100/0.25	0.060	2.85
SRF.74B.YF4R7NT00	4.7	100/0.25	0.065	2.60
SRF.74B.YF5R6NT00	5.6	100/0.25	0.070	2.50
SRF.74B.YF6R8NT00	6.8	100/0.25	0.075	2.45
SRF.74B.YF8R2NT00	8.2	100/0.25	0.080	2.40
SRF.74B.YF100MT00	10	100/0.25	0.090	2.30
SRF.74B.YF120MT00	12	100/0.25	0.100	2.00
SRF.74B.YF150MT00	15	100/0.25	0.110	1.80
SRF.74B.YF180MT00	18	100/0.25	0.120	1.60
SRF.74B.YF220MT00	22	100/0.25	0.130	1.50
SRF.74B.YF330MT00	33	100/0.25	0.180	1.20
SRF.74B.YF390MT00	39	100/0.25	0.240	1.10
SRF.74B.YF470MT00	47	100/0.25	0.280	1.00
SRF.74B.YF560MT00	56	100/0.25	0.370	0.94
SRF.74B.YF680MT00	68	100/0.25	0.430	0.85
SRF.74B.YF820MT00	82	100/0.25	0.470	0.78
SRF.74B.YF101MT00	100	100/0.25	0.640	0.72
SRF.74B.YF151MT00	150	100/0.25	0.960	0.58
SRF.74B.YF181MT00	180	100/0.25	1.110	0.51
SRF.74B.YF221MT00	220	100/0.25	1.260	0.49
SRF.74B.YF331MT00	330	100/0.25	1.960	0.40
SRF.74B.YF471MT00	470	100/0.25	3.100	0.30

Note:

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

◆ELECTRICAL CHARACTERISTICS:

SRF.105B Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max.(Ω)	IDC Max.(A)
SRF.105B.YF100MT00	10	100/0.25	0.060	2.06
SRF.105B.YF120MT00	12	100/0.25	0.070	1.94
SRF.105B.YF150MT00	15	100/0.25	0.074	1.72
SRF.105B.YF180MT00	18	100/0.25	0.080	1.58
SRF.105B.YF220MT00	22	100/0.25	0.083	1.42
SRF.105B.YF330MT00	33	100/0.25	0.110	1.16
SRF.105B.YF470MT00	47	100/0.25	0.140	1.00
SRF.105B.YF560MT00	56	100/0.25	0.190	0.93
SRF.105B.YF680MT00	68	100/0.25	0.210	0.85
SRF.105B.YF820MT00	82	100/0.25	0.280	0.79
SRF.105B.YF101MT00	100	100/0.25	0.340	0.72
SRF.105B.YF151MT00	150	100/0.25	0.510	0.55
SRF.105B.YF181MT00	180	100/0.25	0.570	0.50
SRF.105B.YF221MT00	220	100/0.25	0.780	0.47
SRF.105B.YF331MT00	330	100/0.25	1.200	0.37
SRF.105B.YF391MT00	390	100/0.25	1.340	0.35
SRF.105B.YF471MT00	470	100/0.25	1.500	0.33
SRF.105B.YF561MT00	560	100/0.25	1.700	0.25

SRF.125B Series

Part Number	L(uH)	Test Freq. (KHz/V)	DCR Max.(Ω)	IDC Max.(A)
SRF.125B.YF4R7NT00	4.7	100/0.25	0.030	3.50
SRF.125B.YF8R2NT00	8.2	100/0.25	0.040	2.95
SRF.125B.YF100MT00	10	100/0.25	0.050	2.65
SRF.125B.YF150MT00	15	100/0.25	0.060	2.45
SRF.125B.YF180MT00	18	100/0.25	0.065	2.40
SRF.125B.YF220MT00	22	100/0.25	0.070	2.20
SRF.125B.YF270MT00	27	100/0.25	0.080	2.00
SRF.125B.YF390MT00	39	100/0.25	0.110	1.65
SRF.125B.YF470MT00	47	100/0.25	0.120	1.50
SRF.125B.YF560MT00	56	100/0.25	0.150	1.38
SRF.125B.YF680MT00	68	100/0.25	0.170	1.26
SRF.125B.YF820MT00	82	100/0.25	0.200	1.14
SRF.125B.YF101MT00	100	100/0.25	0.250	1.05
SRF.125B.YF121MT00	120	100/0.25	0.280	0.95

Note:

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