

## Drum Core Surface Mount Unshielded Power Inductors

### ◆ Features

1. Excellent solderability and high heat resistance.
2. Excellent terminal strength construction.
3. Packed in embossed carrier tape and can be used by automatic mounting machine.

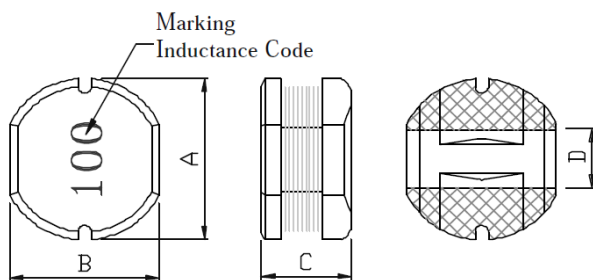


### ◆ Applications

Power supply for VCR,OA equipment ,LCD television set notebook, DC to DC converters, DC to AC inverters etc.



### ◆ Shape & Dimensions



### ◆ Lead Free Part Numbering

SLF 0403 100 M T T

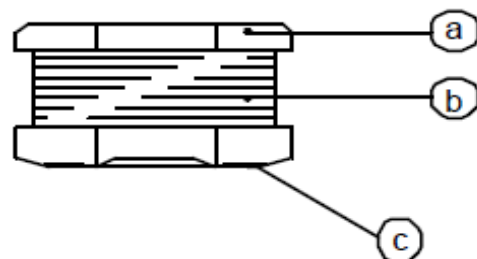
(1) (2) (3) (4) (5) (6)

- (1) Series Type
- (2) Dimension: A X C
- (3) Inductance:  $2R2=2.2\mu H$  ;  
 $100=10\mu H$ ;  $101=100\mu H$
- (4) Inductance Tolerance:  $K=\pm 10\%$ ,  $M=\pm 20\%$
- (5) Company Code
- (6) Packaging : packed in embossed carrier tape

Series Item	SLF0301	SLF0302	SLF0403	SLF0502	SLF0503	SLF0504	SLF0703	SLF0705	SLF1004	SLF1005
A (mm)	3.5±0.3	3.5±0.3	4.5±0.3	5.8±0.3	5.8±0.3	5.8±0.3	7.8±0.3	7.8±0.3	10.0±0.3	10.0±0.3
B (mm)	3.0±0.3	3.0±0.3	4.0±0.3	5.2±0.3	5.2±0.3	5.2±0.3	7.0±0.3	7.0±0.3	9.0±0.3	9.0±0.3
C (mm)	1.1±0.3	2.1±0.3	3.2±0.3	2.0±0.3	3.0±0.3	4.5±0.3	3.5±0.3	5.0±0.3	4.0±0.3	5.4±0.3
D (mm)	1.0 Typ	1.0 Typ	1.2 Typ.	1.5 Typ.	1.5 Typ.	1.5 Typ.	2.1 Typ.	2.1 Typ.	2.9 Typ.	2.9 Typ.

### ◆ Material

Item	Material
a. Core	Ferrite DR Core
b. Wire	Enamelled Copper wire
c. Terminal	Ag+Sn+SnPb



## ◆ Note

- (1) Inductance is measured by LCR-meter 4284A/4286A (HP) or equivalent.
- (2) Inductance test condition: SLF0301/0302L/0502:100KHz/1.0V,  
SLF0302/0403/0503/0504/0703/0705/1004/1005: 1.0  $\mu$  H~8.2H:7.96MHz/0.5V,  
10.0  $\mu$  H~82.0  $\mu$  H:2.52MTTHz/0.5V,More than 100.0  $\mu$  H at 1.0KHz/1.0V.
- (3) DC Resistance is measured by HP4338B Milliohms Meter or equivalent.
- (4) Rated current is measured by LCR-meter 3260B (WK) & DC Bias 3265B(WK) at 1.0KHz/1.0V.
- (5) Maximum allowable DC current is that which causes a 10% inductance reduction from the initial value, or coil temperature to rise by 40°C, whichever is smaller. (Reference ambient temperature 20°C).
- (6) Operating temperature -55°C ~ +125°C.
- (7) All test data is referenced to 25°C ambient.

## ◆ Specification

Part Number	Inductance ( $\mu$ H)	DCR ( $\Omega$ ) max.	IDC (A) max.
<b>SLF0301 Series:</b>			
SLF0301-1R0MTT	1.00 $\pm$ 20%	0.083	1.40
SLF0301-1R2MTT	1.20 $\pm$ 20%	0.099	1.24
SLF0301-1R5MTT	1.50 $\pm$ 20%	0.128	1.06
SLF0301-1R8MTT	1.80 $\pm$ 20%	0.145	0.96
SLF0301-2R2MTT	2.20 $\pm$ 20%	0.190	0.88
SLF0301-2R7MTT	2.70 $\pm$ 20%	0.225	0.80
SLF0301-3R3MTT	3.30 $\pm$ 20%	0.270	0.79
SLF0301-3R9MTT	3.90 $\pm$ 20%	0.321	0.68
SLF0301-4R7MTT	4.70 $\pm$ 20%	0.376	0.66
SLF0301-5R6MTT	5.60 $\pm$ 20%	0.393	0.61
SLF0301-6R8MTT	6.80 $\pm$ 20%	0.485	0.56
SLF0301-8R2MTT	8.20 $\pm$ 20%	0.628	0.50
SLF0301-100MTT	10.0 $\pm$ 20%	0.809	0.45
SLF0301-120MTT	12.0 $\pm$ 20%	0.901	0.40
SLF0301-150MTT	15.0 $\pm$ 20%	1.063	0.37
SLF0301-180MTT	18.0 $\pm$ 20%	1.231	0.34
SLF0301-220MTT	22.0 $\pm$ 20%	1.750	0.31
SLF0301-270MTT	27.0 $\pm$ 20%	2.110	0.28
SLF0301-330MTT	33.0 $\pm$ 20%	2.888	0.24
SLF0301-390MTT	39.0 $\pm$ 20%	3.100	0.23
SLF0301-470MTT	47.0 $\pm$ 20%	3.513	0.21
SLF0301-560MTT	56.0 $\pm$ 20%	3.950	0.20
SLF0301-680MTT	68.0 $\pm$ 20%	5.688	0.18
SLF0301-820MTT	82.0 $\pm$ 20%	6.575	0.15
SLF0301-101KTT	100.0 $\pm$ 10%	7.700	0.14

## ◆ Specification

Part Number	Inductance ( $\mu$ H)	DCR ( $\Omega$ ) max.	IDC (A) max.
<b>SLF0302 Series:</b>			
SLF0302-1R0MTT	1.0 $\pm$ 20%	0.040	1.50
SLF0302-1R4MTT	1.4 $\pm$ 20%	0.050	1.50
SLF0302-1R8MTT	1.8 $\pm$ 20%	0.060	0.80
SLF0302-2R2MTT	2.2 $\pm$ 20%	0.080	0.75
SLF0302-2R7MTT	2.7 $\pm$ 20%	0.100	0.75
SLF0302-3R3MTT	3.3 $\pm$ 20%	0.150	0.60
SLF0302-3R9MTT	3.9 $\pm$ 20%	0.200	0.50
SLF0302-4R7MTT	4.7 $\pm$ 20%	0.200	0.50
SLF0302-5R6MTT	5.6 $\pm$ 20%	0.230	0.45
SLF0302-6R8MTT	6.8 $\pm$ 20%	0.250	0.40
SLF0302-8R2MTT	8.2 $\pm$ 20%	0.300	0.40
SLF0302-100MTT	10 $\pm$ 20%	0.350	0.35
SLF0302-120MTT	12 $\pm$ 20%	0.400	0.35
SLF0302-150MTT	15 $\pm$ 20%	0.500	0.30
SLF0302-180MTT	18 $\pm$ 20%	0.550	0.30
SLF0302-220MTT	22 $\pm$ 20%	0.600	0.30
SLF0302-270MTT	27 $\pm$ 20%	0.700	0.30
SLF0302-330MTT	33 $\pm$ 20%	1.000	0.25
SLF0302-390MTT	39 $\pm$ 20%	1.200	0.25
SLF0302-470MTT	47 $\pm$ 20%	1.500	0.20
SLF0302-560MTT	56 $\pm$ 20%	1.800	0.20
SLF0302-680MTT	68 $\pm$ 20%	2.000	0.18
SLF0302-820MTT	82 $\pm$ 20%	2.500	0.16
SLF0302-101KTT	100 $\pm$ 10%	3.000	0.15
SLF0302-121KTT	120 $\pm$ 10%	3.500	0.14
SLF0302-151KTT	150 $\pm$ 10%	4.000	0.13
SLF0302-181KTT	180 $\pm$ 10%	5.000	0.12
SLF0302-221KTT	220 $\pm$ 10%	5.500	0.10
SLF0302-271KTT	270 $\pm$ 10%	6.000	0.10
SLF0302-331KTT	330 $\pm$ 10%	7.000	0.10
SLF0302-391KTT	390 $\pm$ 10%	8.000	0.10
SLF0302-471KTT	470 $\pm$ 10%	12.000	0.09

## ◆ Specification

Part Number	Inductance ( $\mu$ H)	DCR ( $\Omega$ ) max.	IDC (A) max.
<b>SLF0403 Series:</b>			
SLF0403-1R0MTT	1.00 $\pm$ 20%	0.033	3.80
SLF0403-1R4MTT	1.40 $\pm$ 20%	0.038	3.30
SLF0403-1R8MTT	1.80 $\pm$ 20%	0.042	2.91
SLF0403-2R2MTT	2.20 $\pm$ 20%	0.047	2.60
SLF0403-2R7MTT	2.70 $\pm$ 20%	0.052	2.43
SLF0403-3R3MTT	3.30 $\pm$ 20%	0.058	2.15
SLF0403-3R9MTT	3.90 $\pm$ 20%	0.076	1.98
SLF0403-4R7MTT	4.70 $\pm$ 20%	0.094	1.70
SLF0403-5R6MTT	5.60 $\pm$ 20%	0.101	1.60
SLF0403-6R8MTT	6.80 $\pm$ 20%	0.117	1.41
SLF0403-8R2MTT	8.20 $\pm$ 20%	0.132	1.26
SLF0403-100MTT	10.0 $\pm$ 20%	0.182	1.15
SLF0403-120MTT	12.0 $\pm$ 20%	0.210	1.05
SLF0403-150MTT	15.0 $\pm$ 20%	0.235	0.92
SLF0403-180MTT	18.0 $\pm$ 20%	0.338	0.84
SLF0403-220MTT	22.0 $\pm$ 20%	0.378	0.76
SLF0403-270MTT	27.0 $\pm$ 20%	0.522	0.71
SLF0403-330MTT	33.0 $\pm$ 20%	0.540	0.64
SLF0403-390MTT	39.0 $\pm$ 20%	0.587	0.59
SLF0403-470MTT	47.0 $\pm$ 20%	0.844	0.54
SLF0403-560MTT	56.0 $\pm$ 20%	0.937	0.50
SLF0403-680MTT	68.0 $\pm$ 20%	1.117	0.46
SLF0403-820MTT	82.0 $\pm$ 20%	1.345	0.45
SLF0403-101KTT	100.0 $\pm$ 10%	1.520	0.44
SLF0403-121KTT	120.0 $\pm$ 10%	1.800	0.43
SLF0403-151KTT	150.0 $\pm$ 10%	2.000	0.42
SLF0403-181KTT	180.0 $\pm$ 10%	3.200	0.38
SLF0403-221KTT	220.0 $\pm$ 10%	3.400	0.36
SLF0403-271KTT	270.0 $\pm$ 10%	3.900	0.34
SLF0403-331KTT	330.0 $\pm$ 10%	5.300	0.28
SLF0403-391KTT	390.0 $\pm$ 10%	5.900	0.24
SLF0403-471KTT	470.0 $\pm$ 10%	6.800	0.21
SLF0403-561KTT	560.0 $\pm$ 10%	8.500	0.20
SLF0403-681KTT	680.0 $\pm$ 10%	10.000	0.18
SLF0403-821KTT	820.0 $\pm$ 10%	13.400	0.15
SLF0403-102KTT	1000.0 $\pm$ 10%	15.600	0.14

## ◆ Specification

Part Number	Inductance ( $\mu$ H)	DCR ( $\Omega$ ) max.	IDC (A) max.
<b>SLF0502 Series:</b>			
SLF0502-1R0MTT	1.00 $\pm$ 20%	0.045	4.50
SLF0502-1R2MTT	1.20 $\pm$ 20%	0.050	4.20
SLF0502-1R5MTT	1.50 $\pm$ 20%	0.060	4.00
SLF0502-1R8MTT	1.80 $\pm$ 20%	0.065	3.70
SLF0502-2R2MTT	2.20 $\pm$ 20%	0.070	3.50
SLF0502-2R7MTT	2.70 $\pm$ 20%	0.080	3.20
SLF0502-3R3MTT	3.30 $\pm$ 20%	0.100	2.70
SLF0502-3R9MTT	3.90 $\pm$ 20%	0.120	2.40
SLF0502-4R7MTT	4.70 $\pm$ 20%	0.140	2.00
SLF0502-5R6MTT	5.60 $\pm$ 20%	0.150	1.80
SLF0502-6R8MTT	6.80 $\pm$ 20%	0.160	1.50
SLF0502-8R2MTT	8.20 $\pm$ 20%	0.170	1.40
SLF0502-100MTT	10.0 $\pm$ 20%	0.200	1.30
SLF0502-120MTT	12.0 $\pm$ 20%	0.230	1.10
SLF0502-150MTT	15.0 $\pm$ 20%	0.250	1.05
SLF0502-180MTT	18.0 $\pm$ 20%	0.300	1.00
SLF0502-220MTT	22.0 $\pm$ 20%	0.350	0.90
SLF0502-270MTT	27.0 $\pm$ 20%	0.400	0.85
SLF0502-330MTT	33.0 $\pm$ 20%	0.500	0.75
SLF0502-390MTT	39.0 $\pm$ 20%	0.550	0.70
SLF0502-470MTT	47.0 $\pm$ 20%	0.650	0.60
SLF0502-560MTT	56.0 $\pm$ 20%	0.750	0.55
SLF0502-680MTT	68.0 $\pm$ 20%	0.950	0.50
SLF0502-820MTT	82.0 $\pm$ 20%	1.200	0.45
SLF0502-101KTT	100.0 $\pm$ 10%	1.400	0.40
SLF0502-121KTT	120.0 $\pm$ 10%	1.750	0.35
SLF0502-151KTT	150.0 $\pm$ 10%	2.000	0.25
SLF0502-181KTT	180.0 $\pm$ 10%	2.600	0.22
SLF0502-221KTT	220.0 $\pm$ 10%	3.000	0.20
SLF0502-271KTT	270.0 $\pm$ 10%	3.700	0.18
SLF0502-331KTT	330.0 $\pm$ 10%	4.300	0.17
SLF0502-391KTT	390.0 $\pm$ 10%	6.000	0.16
SLF0502-471KTT	470.0 $\pm$ 10%	6.700	0.15
SLF0502-561KTT	560.0 $\pm$ 10%	8.150	0.14
SLF0502-681KTT	680.0 $\pm$ 10%	8.980	0.13
SLF0502-821KTT	820.0 $\pm$ 10%	11.240	0.12
SLF0502-102KTT	1000.0 $\pm$ 10%	15.250	0.11
SLF0502-122KTT	1200.0 $\pm$ 10%	16.750	0.10

## ◆ Specification

Part Number	Inductance ( $\mu$ H)	DCR ( $\Omega$ ) max.	IDC (A) max.
<b>SLF0503 Series:</b>			
SLF0503-1R0MTT	1.00 $\pm$ 20%	0.030	4.50
SLF0503-1R2MTT	1.20 $\pm$ 20%	0.030	4.20
SLF0503-1R5MTT	1.50 $\pm$ 20%	0.030	4.10
SLF0503-1R8MTT	1.80 $\pm$ 20%	0.030	3.70
SLF0503-2R2MTT	2.20 $\pm$ 20%	0.030	3.50
SLF0503-2R7MTT	2.70 $\pm$ 20%	0.040	3.20
SLF0503-3R3MTT	3.30 $\pm$ 20%	0.050	2.80
SLF0503-3R9MTT	3.90 $\pm$ 20%	0.060	2.60
SLF0503-4R7MTT	4.70 $\pm$ 20%	0.070	2.50
SLF0503-5R6MTT	5.60 $\pm$ 20%	0.080	2.40
SLF0503-6R8MTT	6.80 $\pm$ 20%	0.090	2.20
SLF0503-8R2MTT	8.20 $\pm$ 20%	0.100	2.00
SLF0503-100MTT	10.0 $\pm$ 20%	0.120	1.80
SLF0503-120MTT	12.0 $\pm$ 20%	0.130	1.75
SLF0503-150MTT	15.0 $\pm$ 20%	0.150	1.70
SLF0503-180MTT	18.0 $\pm$ 20%	0.180	1.60
SLF0503-220MTT	22.0 $\pm$ 20%	0.220	1.50
SLF0503-270MTT	27.0 $\pm$ 20%	0.240	1.40
SLF0503-330MTT	33.0 $\pm$ 20%	0.300	1.10
SLF0503-390MTT	39.0 $\pm$ 20%	0.400	1.00
SLF0503-470MTT	47.0 $\pm$ 20%	0.430	0.90
SLF0503-560MTT	56.0 $\pm$ 20%	0.500	0.85
SLF0503-680MTT	68.0 $\pm$ 20%	0.600	0.80
SLF0503-820MTT	82.0 $\pm$ 20%	0.800	0.65
SLF0503-101KTT	100.0 $\pm$ 10%	0.900	0.60
SLF0503-121KTT	120.0 $\pm$ 10%	1.000	0.58
SLF0503-151KTT	150.0 $\pm$ 10%	1.300	0.43
SLF0503-181KTT	180.0 $\pm$ 10%	1.500	0.41
SLF0503-221KTT	220.0 $\pm$ 10%	2.000	0.38
SLF0503-271KTT	270.0 $\pm$ 10%	2.500	0.35
SLF0503-331KTT	330.0 $\pm$ 10%	3.200	0.28
SLF0503-391KTT	390.0 $\pm$ 10%	3.500	0.26
SLF0503-471KTT	470.0 $\pm$ 10%	4.200	0.20
SLF0503-561KTT	560.0 $\pm$ 10%	4.500	0.19
SLF0503-681KTT	680.0 $\pm$ 10%	6.000	0.18
SLF0503-821KTT	820.0 $\pm$ 10%	6.500	0.15
SLF0503-102KTT	1000.0 $\pm$ 10%	8.000	0.13
SLF0503-122KTT	1200.0 $\pm$ 10%	12.500	0.12

## ◆ Specification

Part Number	Inductance ( $\mu\text{H}$ )	DCR ( $\Omega$ ) max.	IDC (A) max.
<b>SLF0504 Series:</b>			
SLF0504-1R0MTT	1.00 $\pm$ 20%	0.015	5.900
SLF0504-1R2MTT	1.20 $\pm$ 20%	0.020	5.200
SLF0504-1R5MTT	1.50 $\pm$ 20%	0.025	4.700
SLF0504-1R8MTT	1.80 $\pm$ 20%	0.030	4.000
SLF0504-2R2MTT	2.20 $\pm$ 20%	0.035	3.800
SLF0504-2R7MTT	2.70 $\pm$ 20%	0.040	3.400
SLF0504-3R3MTT	3.30 $\pm$ 20%	0.045	3.300
SLF0504-3R9MTT	3.90 $\pm$ 20%	0.050	2.900
SLF0504-4R7MTT	4.70 $\pm$ 20%	0.060	2.800
SLF0504-5R6MTT	5.60 $\pm$ 20%	0.070	2.400
SLF0504-6R8MTT	6.80 $\pm$ 20%	0.080	2.100
SLF0504-8R2MTT	8.20 $\pm$ 20%	0.090	2.000
SLF0504-100MTT	10.0 $\pm$ 20%	0.100	1.440
SLF0504-120MTT	12.0 $\pm$ 20%	0.120	1.400
SLF0504-150MTT	15.0 $\pm$ 20%	0.140	1.300
SLF0504-180MTT	18.0 $\pm$ 20%	0.150	1.230
SLF0504-220MTT	22.0 $\pm$ 20%	0.180	1.110
SLF0504-270MTT	27.0 $\pm$ 20%	0.200	0.970
SLF0504-330MTT	33.0 $\pm$ 20%	0.230	0.880
SLF0504-390MTT	39.0 $\pm$ 20%	0.320	0.800
SLF0504-470MTT	47.0 $\pm$ 20%	0.370	0.720
SLF0504-560MTT	56.0 $\pm$ 20%	0.420	0.680
SLF0504-680MTT	68.0 $\pm$ 20%	0.460	0.610
SLF0504-820MTT	82.0 $\pm$ 20%	0.600	0.580
SLF0504-101MTT	100.0 $\pm$ 20%	0.700	0.520
SLF0504-121MTT	120.0 $\pm$ 20%	0.930	0.480
SLF0504-151MTT	150.0 $\pm$ 20%	1.100	0.400
SLF0504-181MTT	180.0 $\pm$ 20%	1.380	0.380
SLF0504-221MTT	220.0 $\pm$ 20%	1.570	0.350
SLF0504-271KTT	270.0 $\pm$ 10%	1.650	0.320
SLF0504-331KTT	330.0 $\pm$ 10%	1.700	0.280
SLF0504-391KTT	390.0 $\pm$ 10%	1.800	0.260
SLF0504-471KTT	470.0 $\pm$ 10%	2.300	0.230
SLF0504-561KTT	560.0 $\pm$ 10%	2.500	0.200
SLF0504-681KTT	680.0 $\pm$ 10%	3.000	0.190
SLF0504-821KTT	820.0 $\pm$ 10%	4.500	0.160
SLF0504-102KTT	1000.0 $\pm$ 10%	4.800	0.140

## ◆ Specification

Part Number	Inductance ( $\mu$ H)	DCR ( $\Omega$ ) max.	IDC (A) max.
<b>SLF0703 Series:</b>			
SLF0703-1R0MTT	1.00 $\pm$ 20%	0.030	8.85
SLF0703-1R2MTT	1.20 $\pm$ 20%	0.040	7.85
SLF0703-1R5MTT	1.50 $\pm$ 20%	0.050	6.96
SLF0703-1R8MTT	1.80 $\pm$ 20%	0.050	5.46
SLF0703-2R2MTT	2.20 $\pm$ 20%	0.050	4.88
SLF0703-2R7MTT	2.70 $\pm$ 20%	0.060	4.32
SLF0703-3R3MTT	3.30 $\pm$ 20%	0.060	3.71
SLF0703-3R9MTT	3.90 $\pm$ 20%	0.060	3.70
SLF0703-4R7MTT	4.70 $\pm$ 20%	0.070	3.52
SLF0703-5R6MTT	5.60 $\pm$ 20%	0.070	2.86
SLF0703-6R8MTT	6.80 $\pm$ 20%	0.080	2.55
SLF0703-8R2MTT	8.20 $\pm$ 20%	0.080	2.44
SLF0703-100MTT	10.0 $\pm$ 20%	0.080	1.44
SLF0703-120MTT	12.0 $\pm$ 20%	0.090	1.39
SLF0703-150MTT	15.0 $\pm$ 20%	0.100	1.24
SLF0703-180MTT	18.0 $\pm$ 20%	0.110	1.12
SLF0703-220MTT	22.0 $\pm$ 20%	0.130	1.07
SLF0703-270MTT	27.0 $\pm$ 20%	0.150	0.94
SLF0703-330MTT	33.0 $\pm$ 20%	0.170	0.85
SLF0703-390MTT	39.0 $\pm$ 20%	0.220	0.74
SLF0703-470MTT	47.0 $\pm$ 20%	0.250	0.68
SLF0703-560MTT	56.0 $\pm$ 20%	0.280	0.64
SLF0703-680MTT	68.0 $\pm$ 20%	0.330	0.59
SLF0703-820MTT	82.0 $\pm$ 20%	0.410	0.54
SLF0703-101KTT	100.0 $\pm$ 10%	0.480	0.51
SLF0703-121KTT	120.0 $\pm$ 10%	0.540	0.49
SLF0703-151KTT	150.0 $\pm$ 10%	0.750	0.40
SLF0703-181KTT	180.0 $\pm$ 10%	1.020	0.36
SLF0703-221KTT	220.0 $\pm$ 10%	1.200	0.31
SLF0703-271KTT	270.0 $\pm$ 10%	1.310	0.29
SLF0703-331KTT	330.0 $\pm$ 10%	1.500	0.28
SLF0703-391KTT	390.0 $\pm$ 10%	1.800	0.26
SLF0703-471KTT	470.0 $\pm$ 10%	1.950	0.23
SLF0703-561KTT	560.0 $\pm$ 10%	2.300	0.21
SLF0703-681KTT	680.0 $\pm$ 10%	2.700	0.13
SLF0703-821KTT	820.0 $\pm$ 10%	3.200	0.11
SLF0703-102KTT	1000.0 $\pm$ 10%	3.800	0.08



## ◆ Specification

Part Number	Inductance ( $\mu$ H)	DCR ( $\Omega$ ) max.	IDC (A) max.
<b>SLF0705 Series:</b>			
SLF0705-1R0MTT	1.00 $\pm$ 20%	0.030	11.25
SLF0705-1R2MTT	1.20 $\pm$ 20%	0.030	9.87
SLF0705-1R5MTT	1.50 $\pm$ 20%	0.040	8.35
SLF0705-1R8MTT	1.80 $\pm$ 20%	0.040	7.12
SLF0705-2R2MTT	2.20 $\pm$ 20%	0.050	6.52
SLF0705-2R7MTT	2.70 $\pm$ 20%	0.060	6.06
SLF0705-3R3MTT	3.30 $\pm$ 20%	0.060	5.26
SLF0705-3R9MTT	3.90 $\pm$ 20%	0.060	4.68
SLF0705-4R7MTT	4.70 $\pm$ 20%	0.070	4.54
SLF0705-5R6MTT	5.60 $\pm$ 20%	0.070	4.25
SLF0705-6R8MTT	6.80 $\pm$ 20%	0.070	3.45
SLF0705-8R2MTT	8.20 $\pm$ 20%	0.070	3.10
SLF0705-100MTT	10.0 $\pm$ 20%	0.070	2.30
SLF0705-120MTT	12.0 $\pm$ 20%	0.080	2.00
SLF0705-150MTT	15.0 $\pm$ 20%	0.090	1.80
SLF0705-180MTT	18.0 $\pm$ 20%	0.100	1.60
SLF0705-220MTT	22.0 $\pm$ 20%	0.110	1.50
SLF0705-270MTT	27.0 $\pm$ 20%	0.120	1.30
SLF0705-330MTT	33.0 $\pm$ 20%	0.130	1.20
SLF0705-390MTT	39.0 $\pm$ 20%	0.160	1.10
SLF0705-470MTT	47.0 $\pm$ 20%	0.180	1.10
SLF0705-560MTT	56.0 $\pm$ 20%	0.240	0.94
SLF0705-680MTT	68.0 $\pm$ 20%	0.280	0.85
SLF0705-820MTT	82.0 $\pm$ 20%	0.370	0.78
SLF0705-101KTT	100.0 $\pm$ 10%	0.430	0.72
SLF0705-121KTT	120.0 $\pm$ 10%	0.470	0.66
SLF0705-151KTT	150.0 $\pm$ 10%	0.640	0.58
SLF0705-181KTT	180.0 $\pm$ 10%	0.710	0.51
SLF0705-221KTT	220.0 $\pm$ 10%	0.960	0.49
SLF0705-271KTT	270.0 $\pm$ 10%	1.110	0.42
SLF0705-331KTT	330.0 $\pm$ 10%	1.260	0.40
SLF0705-391KTT	390.0 $\pm$ 10%	1.770	0.36
SLF0705-471KTT	470.0 $\pm$ 10%	1.960	0.34
SLF0705-561KTT	560.0 $\pm$ 10%	2.000	0.33
SLF0705-681KTT	680.0 $\pm$ 10%	2.200	0.32
SLF0705-821KTT	820.0 $\pm$ 10%	2.900	0.25
SLF0705-102KTT	1000.0 $\pm$ 10%	3.900	0.20

## ◆ Specification

Part Number	Inductance ( $\mu$ H)	DCR ( $\Omega$ ) max.	IDC (A) max.
<b>SLF1004 Series:</b>			
SLF1004-1R0MTT	1.00 $\pm$ 20%	0.020	12.25
SLF1004-1R5MTT	1.50 $\pm$ 20%	0.030	9.86
SLF1004-2R2MTT	2.20 $\pm$ 20%	0.030	7.48
SLF1004-3R3MTT	3.30 $\pm$ 20%	0.040	6.21
SLF1004-4R7MTT	4.70 $\pm$ 20%	0.040	5.43
SLF1004-6R8MTT	6.80 $\pm$ 20%	0.053	4.56
SLF1004-100MTT	10.0 $\pm$ 20%	0.053	2.38
SLF1004-120MTT	12.0 $\pm$ 20%	0.061	2.13
SLF1004-150MTT	15.0 $\pm$ 20%	0.070	1.87
SLF1004-180MTT	18.0 $\pm$ 20%	0.081	1.73
SLF1004-220MTT	22.0 $\pm$ 20%	0.088	1.60
SLF1004-270MTT	27.0 $\pm$ 20%	0.100	1.44
SLF1004-330MTT	33.0 $\pm$ 20%	0.120	1.26
SLF1004-390MTT	39.0 $\pm$ 20%	0.151	1.20
SLF1004-470MTT	47.0 $\pm$ 20%	0.170	1.10
SLF1004-560MTT	56.0 $\pm$ 20%	0.199	1.01
SLF1004-680MTT	68.0 $\pm$ 20%	0.223	0.91
SLF1004-820MTT	82.0 $\pm$ 20%	0.252	0.85
SLF1004-101KTT	100.0 $\pm$ 10%	0.344	0.74
SLF1004-121KTT	120.0 $\pm$ 10%	0.396	0.69
SLF1004-151KTT	150.0 $\pm$ 10%	0.544	0.61
SLF1004-181KTT	180.0 $\pm$ 10%	0.621	0.56
SLF1004-221KTT	220.0 $\pm$ 10%	0.721	0.53
SLF1004-271KTT	270.0 $\pm$ 10%	0.949	0.45
SLF1004-331KTT	330.0 $\pm$ 10%	1.100	0.42
SLF1004-391KTT	390.0 $\pm$ 10%	1.245	0.38
SLF1004-471KTT	470.0 $\pm$ 10%	1.526	0.35
SLF1004-561KTT	560.0 $\pm$ 10%	1.904	0.32
SLF1004-681KTT	680.0 $\pm$ 10%	2.200	0.31
SLF1004-821KTT	820.0 $\pm$ 10%	2.700	0.30

## ◆ Specification

Part Number	Inductance ( $\mu$ H)	DCR ( $\Omega$ ) max.	IDC (A) max.
<b>SLF1004 Series:</b>			
SLF1005-1R0MTT	1.00 $\pm$ 20%	0.010	15.35
SLF1005-1R5MTT	1.50 $\pm$ 20%	0.020	11.58
SLF1005-2R2MTT	2.20 $\pm$ 20%	0.020	9.24
SLF1005-3R3MTT	3.30 $\pm$ 20%	0.030	7.36
SLF1005-4R7MTT	4.70 $\pm$ 20%	0.030	5.67
SLF1005-6R8MTT	6.80 $\pm$ 20%	0.040	4.52
SLF1005-100MTT	10.0 $\pm$ 20%	0.060	2.60
SLF1005-150MTT	15.0 $\pm$ 20%	0.080	2.27
SLF1005-220MTT	22.0 $\pm$ 20%	0.100	1.95
SLF1005-330MTT	33.0 $\pm$ 20%	0.120	1.50
SLF1005-470MTT	47.0 $\pm$ 20%	0.170	1.28
SLF1005-560MTT	56.0 $\pm$ 20%	0.190	1.17
SLF1005-680MTT	68.0 $\pm$ 20%	0.220	1.11
SLF1005-820MTT	82.0 $\pm$ 20%	0.250	1.00
SLF1005-101KTT	100.0 $\pm$ 10%	0.350	0.97
SLF1005-121KTT	120.0 $\pm$ 10%	0.400	0.89
SLF1005-151KTT	150.0 $\pm$ 10%	0.470	0.78
SLF1005-181KTT	180.0 $\pm$ 10%	0.630	0.72
SLF1005-221KTT	220.0 $\pm$ 10%	0.730	0.66
SLF1005-271KTT	270.0 $\pm$ 10%	0.970	0.57
SLF1005-331KTT	330.0 $\pm$ 10%	1.150	0.52
SLF1005-391KTT	390.0 $\pm$ 10%	1.300	0.48
SLF1005-471KTT	470.0 $\pm$ 10%	1.480	0.42
SLF1005-561KTT	560.0 $\pm$ 10%	1.900	0.33
SLF1005-681KTT	680.0 $\pm$ 10%	2.250	0.28
SLF1005-821KTT	820.0 $\pm$ 10%	2.550	0.24

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