



SHAPES AND DIMENSIONS

Unit: mm

Figure 1

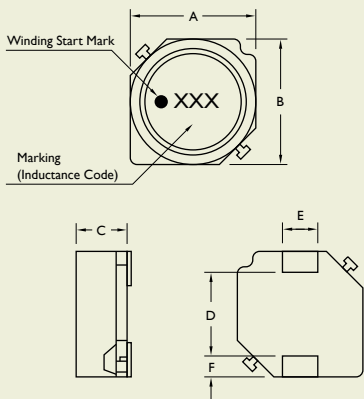


Figure 2

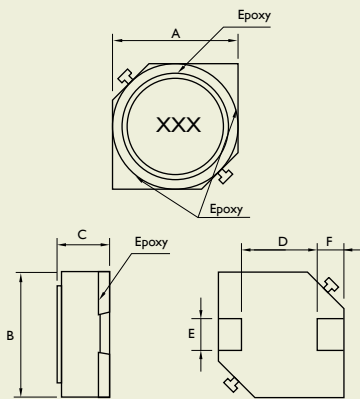
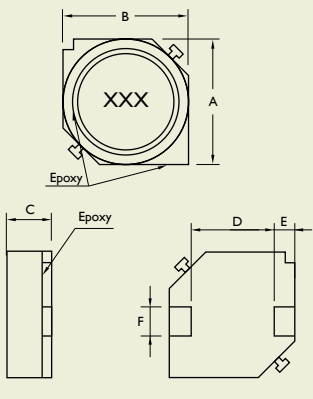


Figure 3



TYPE	FIGURE	A	B	C	D	E	F
SLF0628	1	6 ± 0.2	6 ± 0.2	2.8 ± 0.2	3.0 typ	2 ± 0.1	1.5 typ
SLF0728	1	7 ± 0.2	7 ± 0.2	2.8 ± 0.2	4.9 typ	2.0 typ	0.9 typ
SLF0730	1	7 ± 0.2	7 ± 0.2	3.0 ± 0.2	4.9 typ	2.0 typ	0.9 typ
SLF0732	1	7 ± 0.2	7 ± 0.2	3.2 ± 0.2	4.9 typ	2.0 typ	0.9 typ
SLF0745	1	7 ± 0.2	7 ± 0.2	4.5 ± 0.3	4.9 typ	2.0 typ	0.9 typ
SLF1045	2	10.1 ± 0.3	10.1 ± 0.3	4.5 ± 0.3	6.0 typ	3.0 typ	2.0 typ
SLF1055	2	10.1 ± 0.3	10.1 ± 0.3	5.5 ± 0.3	6.0 typ	3.0 typ	2.0 typ
SLF1255	3	12.5 ± 0.3	12.5 ± 0.3	5.5 ± 0.3	8.6 typ	3.0 typ	2.0 typ
SLF1265	3	12.5 ± 0.3	12.5 ± 0.3	6.5 ± 0.35	8.6 typ	3.0 typ	2.0 typ
SLF1275	3	12.5 ± 0.3	12.5 ± 0.3	7.5 ± 0.35	8.6 typ	3.0 typ	2.0 typ

ELECTRICAL CHARACTERISTICS SLF0628

PART NO.	INDUCTANCE (μ H)	TOLERANCE ($\pm\%$)	TEST FREQUENCY (KHz)	DC RESISTANCE (Ω) $\pm 20\%$	RATED CURRENT (A) Max.	ITEMP (A) Max.
SLF0628T-4R7M-N	4.7	20	I	0.0284	1.60	2.50
SLF0628T-6R8M-N	6.8	20	I	0.0354	1.50	2.20
SLF0628T-100M-N	10	20	I	0.0532	1.30	1.80
SLF0628T-150M-N	15	20	I	0.0745	1.00	1.40
SLF0628T-220M-N	22	20	I	0.104	0.77	1.30
SLF0628T-330M-N	33	20	I	0.148	0.69	1.10
SLF0628T-470M-N	47	20	I	0.210	0.59	0.92
SLF0628T-680M-N	68	20	I	0.290	0.50	0.78
SLF0628T-101M-N	100	20	I	0.430	0.42	0.64

Note:

Rated Current: Value obtained when DC current flows and the initial value of inductance has fallen by 30%.

Itemp Current: Value obtained when current flows and the temperature has risen by 25 °C.

Test Equipment Inductance: HP4192A LF Impedance analyzer or equivalent (Test frequency: 1KHz/0.5V)

RDC: CH502BC

ELECTRICAL CHARACTERISTICS SLF0728

PART NO.	INDUCTANCE (μ H)	TOLERANCE ($\pm\%$)	TEST FREQUENCY (KHz)	DC RESISTANCE (Ω) $\pm 20\%$	RATED CURRENT (A) Max.
SLF0728T-3R3M-N	3.3	20	I	0.037	1.60
SLF0728T-4R7M-N	4.7	20	I	0.045	1.50
SLF0728T-6R8M-N	6.8	20	I	0.059	1.30
SLF0728T-100M-N	10	20	I	0.083	1.10
SLF0728T-150M-N	15	20	I	0.130	0.88
SLF0728T-220M-N	22	20	I	0.180	0.75
SLF0728T-330M-N	33	20	I	0.240	0.65
SLF0728T-470M-N	47	20	I	0.340	0.54

Note:

Rated Current: Value obtained when DC current flows and the initial value of inductance has fallen by 10%.

Test Equipment Inductance: HP4192A LF Impedance analyzer or equivalent (Test frequency: 1KHz/0.5V)

RDC: CH502BC



ELECTRICAL CHARACTERISTICS SLF0730

PART NO.	INDUCTANCE (μH)	TOLERANCE (±%)	TEST FREQUENCY (KHz)	DC RESISTANCE (Ω) ±20%	RATED CURRENT (A) Max.
SLF0730T-3R3M-N	3.3	20	I	0.023	1.80
SLF0730T-4R7M-N	4.7	20	I	0.036	1.60
SLF0730T-6R8M-N	6.8	20	I	0.041	1.50
SLF0730T-100M-N	10	20	I	0.053	1.30
SLF0730T-150M-N	15	20	I	0.084	1.00
SLF0730T-220M-N	22	20	I	0.110	0.86
SLF0730T-330M-N	33	20	I	0.160	0.65
SLF0730T-470M-N	47	20	I	0.240	0.57
SLF0730T-680M-N	68	20	I	0.310	0.49
SLF0730T-101M-N	100	20	I	0.450	0.35

Note:
 Rated Current: Value obtained when DC current flows and the initial value of inductance has fallen by 10%.
 Test Equipment Inductance: HP4192A LF Impedance analyzer or equivalent (Test frequency: 1KHz/0.5V)
 RDC: CH502BC

ELECTRICAL CHARACTERISTICS SLF0732

PART NO.	INDUCTANCE (μH)	TOLERANCE (±%)	TEST FREQUENCY (KHz)	DC RESISTANCE (Ω) ±20%	RATED CURRENT (A) Max.
SLF0732T-2R2M-N	2.2	20	I	0.018	2.10
SLF0732T-3R3M-N	3.3	20	I	0.023	1.90
SLF0732T-4R7M-N	4.7	20	I	0.036	1.70
SLF0732T-6R8M-N	6.8	20	I	0.041	1.60
SLF0732T-100M-N	10	20	I	0.053	1.40
SLF0732T-150M-N	15	20	I	0.075	1.10
SLF0732T-220M-N	22	20	I	0.11	0.96
SLF0732T-330M-N	33	20	I	0.16	0.75
SLF0732T-470M-N	47	20	I	0.24	0.67
SLF0732T-680M-N	68	20	I	0.31	0.59
SLF0732T-101M-N	100	20	I	0.45	0.45
SLF0732T-151M-N	150	20	I	0.65	0.37
SLF0732T-221M-N	220	20	I	1.05	0.29
SLF0732T-331M-N	330	20	I	1.67	0.22
SLF0732T-471M-N	470	20	I	2.05	0.20
SLF0732T-681M-N	680	20	I	3.15	0.16
SLF0732T-102M-N	1000	20	I	4.78	0.13

Note:
 Rated Current: Value obtained when DC current flows and the initial value of inductance has fallen by 10%.
 Test Equipment Inductance: HP4192A LF Impedance analyzer or equivalent (Test frequency: 1KHz/0.5V)
 RDC: CH502BC

ELECTRICAL CHARACTERISTICS SLF0745

PART NO.	INDUCTANCE (μ H)	TOLERANCE ($\pm$ %)	TEST FREQUENCY (KHz)	DC RESISTANCE (Ω) $\pm 20\%$	RATED CURRENT (A) Max.	ITEMP (A) Max.
SLF0745T-3R3M-N	3.3	20	I	0.02	2.50	2.30
SLF0745T-4R7M-N	4.7	20	I	0.03	2.00	2.10
SLF0745T-6R8M-N	6.8	20	I	0.039	1.70	1.74
SLF0745T-100M-N	10	20	I	0.036	1.30	1.78
SLF0745T-150M-N	15	20	I	0.052	1.10	1.53
SLF0745T-220M-N	22	20	I	0.061	0.90	1.34
SLF0745T-330M-N	33	20	I	0.096	0.82	1.09
SLF0745T-470M-N	47	20	I	0.125	0.75	0.92
SLF0745T-680M-N	68	20	I	0.175	0.60	0.77
SLF0745T-101M-N	100	20	I	0.25	0.50	0.65
SLF0745T-151M-N	150	20	I	0.34	0.40	0.55
SLF0745T-221M-N	220	20	I	0.52	0.33	0.45
SLF0745T-331M-N	330	20	I	0.74	0.25	0.37
SLF0745T-471M-N	470	20	I	1.05	0.22	0.31
SLF0745T-681M-N	680	20	I	1.48	0.20	0.27
SLF0745T-102M-N	1000	20	I	2.28	0.14	0.25

Note:

Rated Current: Value obtained when DC current flows and the initial value of inductance has fallen by 10%.

Itemp Current: Value obtained when current flows and the temperature has risen to 20 °C.

Test Equipment Inductance: HP4192A LF Impedance analyzer or equivalent (Test frequency: 1KHz/0.5V)

RDC: CH502BC

ELECTRICAL CHARACTERISTICS SLF1045

PART NO.	INDUCTANCE (μ H)	TOLERANCE ($\pm$ %)	TEST FREQUENCY (KHz)	DC RESISTANCE (Ω) $\pm 20\%$	RATED CURRENT (A) Max.	ITEMP (A) Max.
SLF1045T-100M-N	10	20	I	0.0364	3.00	2.50
SLF1045T-150M-N	15	20	I	0.0472	2.40	2.20
SLF1045T-220M-N	22	20	I	0.0591	2.10	1.90
SLF1045T-330M-N	33	20	I	0.0815	1.60	1.70
SLF1045T-470M-N	47	20	I	0.10	1.40	1.50
SLF1045T-680M-N	68	20	I	0.14	1.20	1.30
SLF1045T-101M-N	100	20	I	0.20	1.00	1.10
SLF1045T-151M-N	150	20	I	0.35	0.79	0.81
SLF1045T-221M-N	220	20	I	0.47	0.65	0.70
SLF1045T-331M-N	330	20	I	0.68	0.54	0.58
SLF1045T-471M-N	470	20	I	1.03	0.47	0.47
SLF1045T-681M-N	680	20	I	1.60	0.38	0.38
SLF1045T-102M-N	1000	20	I	2.80	0.32	0.29
SLF1045T-152M-N	1500	20	I	3.40	0.22	0.26

Note:

Rated Current: Value obtained when DC current flows and the initial value of inductance has fallen by 10%.

Itemp Current: Value obtained when current flows and the temperature has risen to 30 °C.

Test Equipment Inductance: HP4192A LF Impedance analyzer or equivalent (Test frequency: 1KHz/0.5V)

RDC: CH502BC



ELECTRICAL CHARACTERISTICS SLFI055

PART NO.	INDUCTANCE (μ H)	TOLERANCE ($\pm\%$)	TEST FREQUENCY (KHz)	DC RESISTANCE (Ω) $\pm 20\%$	RATED CURRENT (A) Max.
SLFI055T-100M-N	10	20	1	40	3.5
SLFI055T-330M-N	33	20	1	85	2.1

Note:

Rated Current: Value obtained when DC current flows and the initial value of inductance has fallen by 15%.

Test Equipment Inductance: HP4192A LF Impedance analyzer or equivalent (Test frequency: 1KHz/0.5V)

RDC: CH502BC

ELECTRICAL CHARACTERISTICS SLFI255

PART NO.	INDUCTANCE (μ H)	TOLERANCE ($\pm\%$)	TEST FREQUENCY (KHz)	DC RESISTANCE (Ω) $\pm 20\%$	RATED CURRENT (A) Max.	ITEMP (A) Max.
SLFI255T-6R0M-N	6	20	1	0.0164	3.60	4.90
SLFI255T-100M-N	10	20	1	0.0215	3.40	4.30
SLFI255T-150M-N	15	20	1	0.0259	2.80	3.90
SLFI255T-220M-N	22	20	1	0.0338	2.30	3.40
SLFI255T-330M-N	33	20	1	0.0415	1.90	3.10
SLFI255T-470M-N	47	20	1	0.0618	1.60	2.50
SLFI255T-680M-N	68	20	1	0.0832	1.30	2.20
SLFI255T-101M-N	100	20	1	0.117	1.10	1.80
SLFI255T-151M-N	150	20	1	0.190	0.88	1.40
SLFI255T-221M-N	220	20	1	0.270	0.72	1.20
SLFI255T-331M-N	330	20	1	0.410	0.59	1.00
SLFI255T-471M-N	470	20	1	0.520	0.49	0.88
SLFI255T-681M-N	680	20	1	0.760	0.43	0.73
SLFI255T-102M-N	1000	20	1	1.120	0.34	0.60
SLFI255T-152M-N	1500	20	1	1.730	0.29	0.48

Note:

Rated Current: Value obtained when DC current flows and the initial value of inductance has fallen by 10%.

Itemp Current: Value obtained when current flows and the temperature has risen to 30 °C.

Test Equipment Inductance: HP4192A LF Impedance analyzer or equivalent (Test frequency: 1KHz/0.5V)

RDC: CH502BC

ELECTRICAL CHARACTERISTICS SLFI265

PART NO.	INDUCTANCE (μ H)	TOLERANCE ($\pm\%$)	TEST FREQUENCY (KHz)	DC RESISTANCE (Ω) $\pm 20\%$	RATED CURRENT (A) Max.	ITEMP (A) Max.
SLFI265T-2R0T-N	2.0	30	I	0.0117	10	6.20
SLFI265T-4R2T-N	4.2	30	I	0.0150	7.3	5.50
SLFI265T-7R0T-N	7.0	30	I	0.0177	5.7	5.00
SLFI265T-100M-N	10	20	I	0.0202	5.0	4.80
SLFI265T-150M-N	15	20	I	0.0237	4.2	4.40
SLFI265T-220M-N	22	20	I	0.0316	3.5	3.80
SLFI265T-330M-N	33	20	I	0.0406	2.8	3.40
SLFI265T-470M-N	47	20	I	0.0578	2.4	2.80
SLFI265T-680M-N	68	20	I	0.0787	2.0	2.40
SLFI265T-101M-N	100	20	I	0.1230	1.6	1.90
SLFI265T-221M-N	220	20	I	0.2730	1.0	1.20

Note:

Rated Current: Value obtained when DC current flows and the initial value of inductance has fallen by 10%.

Itemp Current: Value obtained when current flows and the temperature has risen to 40 °C.

Test Equipment Inductance: HP4192A LF Impedance analyzer or equivalent (Test frequency: 1KHz/0.5V)

RDC: CH502BC

ELECTRICAL CHARACTERISTICS SLFI275

PART NO.	INDUCTANCE (μ H)	TOLERANCE ($\pm\%$)	TEST FREQUENCY (KHz)	DC RESISTANCE (Ω) $\pm 20\%$	RATED CURRENT (A) Max.	ITEMP (A) Max.
SLFI275T-1R2T-N	1.2	30	I	0.0069	13	8.20
SLFI275T-2R7T-N	2.7	30	I	0.0094	10	7.00
SLFI275T-3R9T-N	3.9	30	I	0.0104	9.0	6.70
SLFI275T-5R6T-N	5.6	30	I	0.0116	7.8	6.30
SLFI275T-6R8T-N	6.8	30	I	0.0131	7.2	5.90
SLFI275T-100M-N	10	20	I	0.0156	5.5	5.40
SLFI275T-150M-N	15	20	I	0.0184	4.7	5.00
SLFI275T-220M-N	22	20	I	0.0263	4.0	4.00
SLFI275T-330M-N	33	20	I	0.0395	3.2	3.40
SLFI275T-470M-N	47	20	I	0.0528	2.7	3.00
SLFI275T-680M-N	68	20	I	0.0778	2.0	2.40
SLFI275T-101M-N	100	20	I	0.1250	1.9	1.90
SLFI275T-151M-N	150	20	I	0.1750	1.5	1.60
SLFI275T-221M-N	220	20	I	0.2580	1.3	1.30

Note:

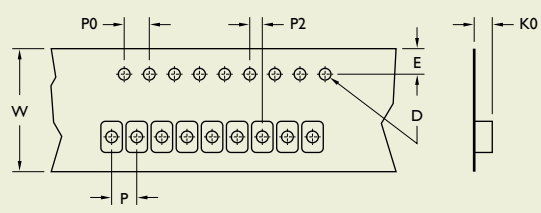
Rated Current: Value obtained when DC current flows and the initial value of inductance has fallen by 10%.

Itemp Current: Value obtained when current flows and the temperature has risen to 40 °C.

Test Equipment Inductance: HP4192A LF Impedance analyzer or equivalent (Test frequency: 1KHz/0.5V)

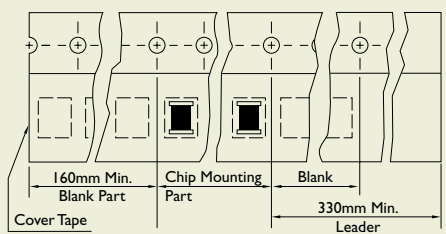
RDC: CH502BC

TAPE DIMENSIONS

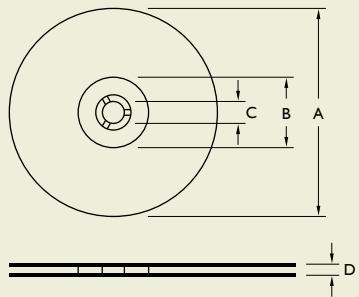


TAPE MATERIAL

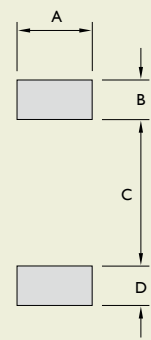
Carrier Tape: Polystyrene



REEL DIMENSIONS



RECOMMENDED PATTERN



Dimensions: mm

TYPE	TAPE DIMENSIONS							RECOMMENDED PATTERN				REEL DIMENSIONS				QUANTITY/ REEL
	K0	D	E	W	P	P0	P2	A	B	C	D	A	B	C	D	
SLF0628	3.40	1.55	1.75	16	12	4	2	2.20	1.50	4.00	1.50	330	100	13	17.4	1,000
SLF0728	3.20	1.55	1.75	16	12	4	2	2.20	1.50	4.90	1.50	330	100	13	17.4	1,000
SLF0730	3.50	1.55	1.75	16	12	4	2	2.20	1.50	4.90	1.50	330	100	13	17.4	1,000
SLF0732	3.50	1.55	1.75	16	12	4	2	2.20	1.50	4.90	1.50	330	100	13	17.4	1,000
SLF0745	4.80	1.55	1.75	16	12	4	2	2.20	1.50	4.90	1.50	330	100	13	17.4	1,000
SLFI045	5.00	1.55	1.75	24	16	4	2	3.20	2.50	5.60	2.50	330	100	13	24.4	500
SLFI055	5.00	1.55	1.75	24	16	4	2	3.20	2.50	5.60	2.50	330	100	13	24.4	500
SLFI255	6.00	1.55	1.75	24	16	4	2	3.20	2.50	5.60	2.50	330	100	13	24.4	500
SLFI265	7.00	1.55	1.75	24	16	4	2	3.20	2.50	8.60	2.50	330	100	13	24.4	500
SLFI275	8.20	1.55	1.75	24	16	4	2	3.20	2.50	8.60	2.50	330	100	13	24.4	350

Dimensions: mm