



SSL SERIES

FEATURES

1. Low profile very effective in space-conscious applications.
2. Low resistance and high energy storage.

APPLICATIONS

Excellent as DC/DC converter used in notebook PC, PDA and mobile handphones, step-up or step-down converters, flash memory.

ORDERING CODE (标志示例)

SSL 0402T 1R0 M
(1) (2) (3) (4)

- (1). Type 类型
- (2). Dimensions 尺寸
- (3). Inductance 电感量
- (4). Inductance Tolerance 电感量公差

K: $\pm 10\%$ L: $\pm 15\%$ M: $\pm 20\%$
P: $\pm 25\%$ N: $\pm 30\%$



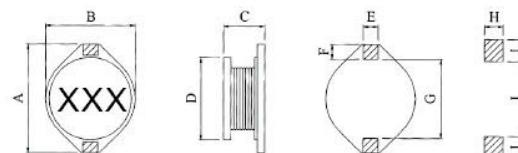
特征

1. 高度扁薄, 适用于有空间顾虑的应用。
2. 低电阻及高能量储存。

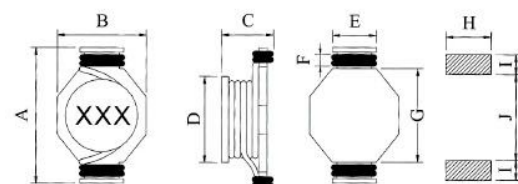
应用

绝佳的笔记型电脑、个人数位助理和行动电话的直流-直流整流器、增压或降压整流器及快闪记忆。

SHAPE AND DIMENSIONS (形状尺寸)



SSL0402T/0802T/0804T/0810T/1306T



SSL1306D

Unit:mm

TYPE	A	B	C	D	E	F	G	H	I	J
SSL0402T	6.60Max	4.45Max	2.92Max	4.00	1.27	1.00	4.32	2.64	1.14	4.57
SSL0802T	12.95Max	9.40Max	3.0Max	8.38	2.54	2.54	7.62	2.79	2.92	7.37
SSL0804T	12.95Max	9.40Max	5.21Max	8.38	2.54	2.54	7.62	2.79	2.92	7.37
SSL0810T	12.95Max	9.40Max	11.43Max	8.38	2.54	2.54	7.62	2.79	2.92	7.37
SSL1306T	18.54Max	15.24Max	7.11Max	12.7	2.54	2.54	12.7	2.79	2.92	12.45
SSL1306D	22.35Max	16.26Max	8.0Max	12.7	8.3	2.00	15.0	8.64	3.18	17.53



SSL0402T SERIES

Part No 品名	Inductance(μ H) 电感量	Test Frequency(KHz) 测试频率	D.C.R(Max)(Ω) 直流电阻 (最大)	Rated Current(A)(Max) 额定电流 (最大)
SSL0402T- 1R0M	1.0 μ H $\pm$ 20%	100KHz	0.060	2.90
SSL0402T- 1R5M	1.5 μ H $\pm$ 20%	100KHz	0.060	2.60
SSL0402T- 2R2M	2.2 μ H $\pm$ 20%	100KHz	0.070	2.30
SSL0402T- 3R3M	3.3 μ H $\pm$ 20%	100KHz	0.080	2.00
SSL0402T- 4R7M	4.7 μ H $\pm$ 20%	100KHz	0.135	1.50
SSL0402T- 6R8M	6.8 μ H $\pm$ 20%	100KHz	0.160	1.20
SSL0402T- 100M	10 μ H $\pm$ 20%	100KHz	0.200	1.10
SSL0402T- 150M	15 μ H $\pm$ 20%	100KHz	0.310	0.90
SSL0402T- 220M	22 μ H $\pm$ 20%	100KHz	0.430	0.70
SSL0402T- 330M	33 μ H $\pm$ 20%	100KHz	0.510	0.58
SSL0402T- 470M	47 μ H $\pm$ 20%	100KHz	0.840	0.50
SSL0402T- 680M	68 μ H $\pm$ 20%	100KHz	1.220	0.40
SSL0402T- 101M	100 μ H $\pm$ 20%	100KHz	1.770	0.31
SSL0402T- 151M	150 μ H $\pm$ 20%	100KHz	2.400	0.27
SSL0402T- 221M	220 μ H $\pm$ 20%	100KHz	3.760	0.22
SSL0402T- 331M	330 μ H $\pm$ 20%	100KHz	5.710	0.18
SSL0402T- 471M	470 μ H $\pm$ 20%	100KHz	7.800	0.16
SSL0402T- 681M	680 μ H $\pm$ 20%	100KHz	11.23	0.14
SSL0402T- 102M	1000 μ H $\pm$ 20%	100KHz	19.50	0.10

SSL0802T SERIES

Part No 品名	Inductance(μ H) 电感量	Test Frequency(KHz) 测试频率	D.C.R(Max)(Ω) 直流电阻 (最大)	Rated Current(A)(Max) 额定电流 (最大)
SSL0802T- 100M	10 μ H $\pm$ 20%	100KHz	0.090	2.40
SSL0802T- 150M	15 μ H $\pm$ 20%	100KHz	0.120	2.00
SSL0802T- 220M	22 μ H $\pm$ 20%	100KHz	0.190	1.60
SSL0802T- 330M	33 μ H $\pm$ 20%	100KHz	0.250	1.40
SSL0802T- 470M	47 μ H $\pm$ 20%	100KHz	0.320	1.00
SSL0802T- 560M	56 μ H $\pm$ 20%	100KHz	0.300	0.95
SSL0802T- 680M	68 μ H $\pm$ 20%	100KHz	0.550	0.90
SSL0802T- 101M	100 μ H $\pm$ 20%	100KHz	0.700	0.70
SSL0802T- 151M	150 μ H $\pm$ 20%	100KHz	1.000	0.60
SSL0802T- 221M	220 μ H $\pm$ 20%	100KHz	1.600	0.50
SSL0802T- 331M	330 μ H $\pm$ 20%	100KHz	2.200	0.40
SSL0802T- 471M	470 μ H $\pm$ 20%	100KHz	3.300	0.30
SSL0802T- 681M	680 μ H $\pm$ 20%	100KHz	4.400	0.20
SSL0802T- 102M	1000 μ H $\pm$ 20%	100KHz	7.000	0.10

□ Tolerance: K: $\pm$ 10% L: $\pm$ 15% M: $\pm$ 20% P: $\pm$ 25% N: $\pm$ 30%



SSL0804T SERIES

Part No 品名	Inductance(μ H) 电感量	Test Frequency(KHz) 测试频率	D.C.R(Max)(Ω) 直流电阻 (最大)	Rated Current(A)(Max) 额定电流 (最大)
SSL0804T- 1R0M	1.0 μ H $\pm$ 20%	100KHz	0.009	9.00
SSL0804T- 1R5M	1.5 μ H $\pm$ 20%	100KHz	0.010	8.00
SSL0804T- 2R2M	2.2 μ H $\pm$ 20%	100KHz	0.012	7.00
SSL0804T- 3R3M	3.3 μ H $\pm$ 20%	100KHz	0.015	6.40
SSL0804T- 4R7M	4.7 μ H $\pm$ 20%	100KHz	0.018	5.40
SSL0804T- 6R8M	6.8 μ H $\pm$ 20%	100KHz	0.027	4.60
SSL0804T- 100M	10 μ H $\pm$ 20%	100KHz	0.038	3.80
SSL0804T- 150M	15 μ H $\pm$ 20%	100KHz	0.049	3.00
SSL0804T- 220M	22 μ H $\pm$ 20%	100KHz	0.085	2.60
SSL0804T- 330M	33 μ H $\pm$ 20%	100KHz	0.100	2.00
SSL0804T- 470M	47 μ H $\pm$ 20%	100KHz	0.140	1.60
SSL0804T- 560M	56 μ H $\pm$ 20%	100KHz	0.162	1.50
SSL0804T- 680M	68 μ H $\pm$ 20%	100KHz	0.200	1.40
SSL0804T- 101M	100 μ H $\pm$ 20%	100KHz	0.280	1.20
SSL0804T- 151M	150 μ H $\pm$ 20%	100KHz	0.400	1.00
SSL0804T- 221M	220 μ H $\pm$ 20%	100KHz	0.610	0.80
SSL0804T- 331M	330 μ H $\pm$ 20%	100KHz	1.020	0.60
SSL0804T- 471M	470 μ H $\pm$ 20%	100KHz	1.270	0.50
SSL0804T- 681M	680 μ H $\pm$ 20%	100KHz	2.020	0.40
SSL0804T- 102M	1000 μ H $\pm$ 20%	100KHz	3.000	0.30

SSL0810T SERIES

Part No 品名	Inductance(μ H) 电感量	Test Frequency(KHz) 测试频率	D.C.R(Max)(Ω) 直流电阻 (最大)	Rated Current(A)(Max) 额定电流 (最大)
SSL0810T- 1R0M	1.0 μ H $\pm$ 20%	100KHz	0.010	11.60
SSL0810T- 1R5M	1.5 μ H $\pm$ 20%	100KHz	0.010	11.00
SSL0810T- 2R2M	2.2 μ H $\pm$ 20%	100KHz	0.013	10.50
SSL0810T- 2R7M	2.7 μ H $\pm$ 20%	100KHz	0.014	10.00
SSL0810T- 100M	10 μ H $\pm$ 20%	100KHz	0.033	8.00
SSL0810T- 150M	15 μ H $\pm$ 20%	100KHz	0.042	7.00
SSL0810T- 220M	22 μ H $\pm$ 20%	100KHz	0.054	5.50
SSL0810T- 330M	33 μ H $\pm$ 20%	100KHz	0.080	4.00
SSL0810T- 470M	47 μ H $\pm$ 20%	100KHz	0.100	3.80
SSL0810T- 680M	68 μ H $\pm$ 20%	100KHz	0.170	3.00
SSL0810T- 101M	100 μ H $\pm$ 20%	100KHz	0.220	2.50
SSL0810T- 151M	150 μ H $\pm$ 20%	100KHz	0.340	2.00
SSL0810T- 221M	220 μ H $\pm$ 20%	100KHz	0.440	1.60
SSL0810T- 331M	330 μ H $\pm$ 20%	100KHz	0.700	1.20
SSL0810T- 471M	470 μ H $\pm$ 20%	100KHz	0.950	1.00
SSL0810T- 681M	680 μ H $\pm$ 20%	100KHz	1.200	1.00
SSL0810T- 102M	1000 μ H $\pm$ 20%	100KHz	2.000	0.80



SSL1306T SERIES

Part No 品名	Inductance(μ H) 电感量	Test Frequency(KHz) 测试频率	D.C.R(Max)(Ω) 直流电阻 (最大)	Rated Current(A)(Max) 额定电流 (最大)
SSL1306T- 1R0M	1.0 μ H $\pm$ 20%	100KHz	0.009	20
SSL1306T- 2R2M	2.2 μ H $\pm$ 20%	100KHz	0.014	16
SSL1306T- 3R3M	3.3 μ H $\pm$ 20%	100KHz	0.018	14
SSL1306T- 5R6M	5.6 μ H $\pm$ 20%	100KHz	0.020	12
SSL1306T- 100M	10 μ H $\pm$ 20%	100KHz	0.031	10
SSL1306T- 150M	15 μ H $\pm$ 20%	100KHz	0.036	8.0
SSL1306T- 220M	22 μ H $\pm$ 20%	100KHz	0.047	7.0
SSL1306T- 330M	33 μ H $\pm$ 20%	100KHz	0.066	5.5
SSL1306T- 470M	47 μ H $\pm$ 20%	100KHz	0.086	4.5
SSL1306T- 680M	68 μ H $\pm$ 20%	100KHz	0.130	3.5
SSL1306T- 101M	100 μ H $\pm$ 20%	100KHz	0.190	3.0
SSL1306T- 151M	150 μ H $\pm$ 20%	100KHz	0.250	2.6
SSL1306T- 221M	220 μ H $\pm$ 20%	100KHz	0.380	2.4
SSL1306T- 331M	330 μ H $\pm$ 20%	100KHz	0.560	1.9
SSL1306T- 471M	470 μ H $\pm$ 20%	100KHz	0.850	1.4
SSL1306T- 681M	680 μ H $\pm$ 20%	100KHz	1.100	1.2
SSL1306T- 102M	1000 μ H $\pm$ 20%	100KHz	1.800	1.0

SSL1306D SERIES

Part No 品名	Inductance(μ H) 电感量	Test Frequency(KHz) 测试频率	D.C.R(Max)(Ω) 直流电阻 (最大)	Rated Current(A)(Max) 额定电流 (最大)
SSL1306D-R78M	0.78 μ H $\pm$ 20%	100KHz	0.0022	30.0
SSL1306D-1R2M	1.2 μ H $\pm$ 20%	100KHz	0.0035	27.0
SSL1306D-1R5M	1.5 μ H $\pm$ 20%	100KHz	0.0040	24.0
SSL1306D-2R2M	2.2 μ H $\pm$ 20%	100KHz	0.0061	20.0
SSL1306D-3R3M	3.3 μ H $\pm$ 20%	100KHz	0.0072	17.0
SSL1306D-3R9M	3.9 μ H $\pm$ 20%	100KHz	0.010	15.0
SSL1306D-4R7M	4.7 μ H $\pm$ 20%	100KHz	0.011	13.0
SSL1306D-6R0M	6.0 μ H $\pm$ 20%	100KHz	0.014	12.0
SSL1306D-6R8M	6.8 μ H $\pm$ 20%	100KHz	0.016	11.5
SSL1306D-7R8M	7.8 μ H $\pm$ 20%	100KHz	0.017	11.0
SSL1306D-100M	10.0 μ H $\pm$ 20%	100KHz	0.023	10.0
SSL1306D-150M	15.0 μ H $\pm$ 20%	100KHz	0.034	8.0
SSL1306D-220M	22.0 μ H $\pm$ 20%	100KHz	0.045	7.0

□Tolerance: K: $\pm$ 10% L: $\pm$ 15% M: $\pm$ 20% P: $\pm$ 25% N: $\pm$ 30%