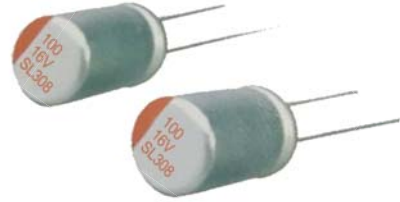


SL series Low Leakage Current

Features

- ★ Low profile
- ★ Large permissible ripple current
- ★ Low ESR at high frequency range & Large permissible ripple current



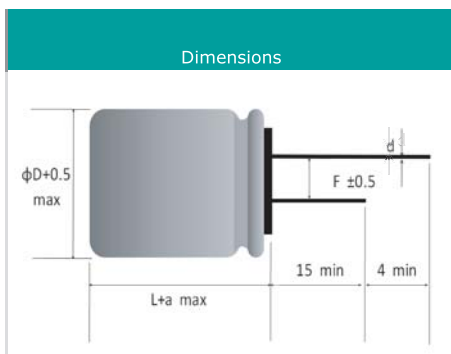
适用于DC-DC转换器、通讯电源、机顶盒、路由器、TV、电压调节器、手机适配器（手机充电器）、电脑主板和显卡。

Specifications

item	Performance Characteristics	
Operating Temperature Range	-55~+105℃	
Rated Voltage Range	2.5~25vdc	
Capacitance Tolerance	±20%(120Hz,+20℃)	
Leakage Current(+20℃,max)	≤150(uA,after 2 minutes)	
Dissipation Factor(tanδ,at 20℃,120Hz)	Not exceed the value specified	
ESR(100KHz)	Not exceed the value specified	
Endurance 105℃,2000h,at rated voltage	Capacitance Change	Within ±20% of the value before test
	Leakage Current	Not exceed the value specified
	ESR	Not exceed 150% of the value specified
	Dissipation Factor	Not exceed 150% of the value specified
Moisture Resistance Stored at 60℃,RH90~95%,1000h	Capacitance Change	Within ±20% of the value before test
	Leakage Current	Not exceed the value specified
	ESR	Not exceed 150% of the value specified
	Dissipation Factor	Not exceed 150% of the value specified

Frequency Coefficient for Ripple Current

Frequency	120Hz≤freq.<1KHz	1KHz≤freq.<10KHz	10KHz≤freq.<100KHz	100KHz≤freq.<300KHz
Coefficient	0.05	0.3	0.7	1



Size

Unit: mm

ΦDXL	ΦD+0.5 max.	a	F±0.5	Φd±0.05	
5X7/8	5	1	2	0.45	
5X9	5	1	2	0.45	
6.3X7	6.3	1	2.5	0.5/0.6	
6.3X8	6.3	1	2.5	0.5/0.6	
6.3X9	6.3	1	2.5	0.5/0.6	
6.3X11	6.3	1	2.5	0.6	
8X8	8	1	3.5	0.6	
8X11.5	8	1.5	3.5	0.6	
10X12.5	10	1.5	5	0.6	



Size List

WV(SV) Cap(μF)	2.5 (2.8)	4 (4.6)	6.3 (7.2)	10 (11.5)	16 (18.4)	20 (23)	25 (27.5)
10				4X5	6.3X5.2/6.3X7	6.3X5.2/6.3X7	6.3X5.2/6.3X7
15				4X5	6.3X5.2/6.3X7	6.3X5.2/6.3X7	6.3X5.2/6.3X7
22				4X5	6.3X5.2/6.3X7	6.3X5.2/6.3X7	6.3X7
33				5X5/6.3X5.2	6.3X5.2/6.3X7	6.3X7	6.3X7
39				5X5/6.3X5.2		6.3X7	6.3X7
47				6.3X5.2/6.3X7	6.3X5.2/6.3X7	6.3X7	6.3X11
68				6.3X5.2/6.3X7	6.3X5.2/6.3X7	6.3X11	
82				6.3X5.2/6.3X7	6.3X7		
100	4X5/5X5	5X5	6.3X5.2/6.3X7	6.3X5.2/6.3X7	6.3X7/6.3X11		
150	5X5/6.3X5.2	6.3X5.2/6.3X7	6.3X5.2/6.3X7	6.3X5.2/6.3X7			
180	5X5/6.3X5.2	6.3X5.2/6.3X7	6.3X5.2/6.3X7	6.3X7			
220	5X5/6.3X5.2	6.3X5.2/6.3X7	6.3X5.2/6.3X7	5X11/6.3X7	6.3X11		
270	6.3X5.2/6.3X7	6.3X5.2/6.3X7	6.3X5.2/6.3X7	6.3X11			
330	6.3X5.2/6.3X7	6.3X5.2/6.3X7	6.3X5.2/6.3X7	6.3X11			
390	6.3X5.2/6.3X7	6.3X5.2/6.3X7	6.3X7/6.3X11				
470	6.3X5.2/6.3X7	6.3X7	6.3X11				
560	6.3X7	6.3X11					
680	6.3X11						

Dimensions & Characteristics

Ripple Current(mA,rms) at 105°C,100KHz

W.V (V)	Capacitance (uF)	LC. (uA,2min)	tgδ (120Hz,20℃)	ESR (mΩ,100KHz)	Rated Ripple Current (mA,rms)	Size ΦDXL(mm)	Part Number
2.5	100	150	8	30	1670	4X5	SL107M2R5B0500
2.5	100	150	8	30	1970	5X5	SL107M2R5C0500
2.5	150	150	8	30	1970	5X5	SL157M2R5C0500
2.5	150	150	8	30	2200	6.3X5.2	SL157M2R5E0520
2.5	180	150	8	30	1970	5X5	SL187M2R5C0500
2.5	180	150	8	30	2200	6.3X5.2	SL187M2R5E0520
2.5	220	150	8	30	1970	5X5	SL227M2R5C0500
2.5	220	150	8	30	2200	6.3X5.2	SL227M2R5E0520
2.5	270	150	8	25	2610	6.3X5.2	SL277M2R5E0520
2.5	270	150	8	20	2690	6.3X7	SL277M2R5E0700
2.5	330	150	8	25	2610	6.3X5.2	SL337M2R5E0520
2.5	330	150	8	20	2690	6.3X7	SL337M2R5E0700
2.5	390	150	8	20	2690	6.3X5.2	SL397M2R5E0520
2.5	390	150	8	20	2690	6.3X7	SL397M2R5E0700
2.5	470	150	8	15	3100	6.3X5.2	SL477M2R5E0520
2.5	470	150	8	15	3100	6.3X7	SL477M2R5E0700
2.5	560	150	8	15	3100	6.3X7	SL567M2R5E0700
2.5	680	150	8	15	3500	6.3X11	SL687M2R5E1100
4	100	150	8	30	1970	5X5	SL107M004C0500
4	150	150	8	30	2200	6.3X5.2	SL157M004E0520
4	150	150	8	25	2670	6.3X7	SL157M004E0700
4	180	150	8	30	2200	6.3X5.2	SL187M004E0520
4	180	150	8	25	2670	6.3X7	SL187M004E0700
4	220	150	8	25	2610	6.3X5.2	SL227M004E0520
4	220	150	8	20	2690	6.3X7	SL227M004E0700
4	270	150	8	25	2610	6.3X5.2	SL277M004E0520
4	270	150	8	20	2690	6.3X7	SL277M004E0700
4	330	150	8	20	2690	6.3X5.2	SL337M004E0520
4	330	150	8	15	3100	6.3X7	SL337M004E0700
4	390	150	8	15	3100	6.3X5.2	SL397M004E0520
4	390	150	8	15	3100	6.3X7	SL397M004E0700
4	470	150	8	15	3100	6.3X7	SL477M004E0700
4	560	150	8	15	3500	6.3X11	SL567M004E1100
6.3	100	150	8	25	2390	6.3X5.2	SL107M6R3E0520
6.3	100	150	8	20	2690	6.3X7	SL107M6R3E0700
6.3	150	150	8	25	2390	6.3X5.2	SL157M6R3E0520
6.3	150	150	8	20	2690	6.3X7	SL157M6R3E0700
6.3	180	150	8	20	2690	6.3X5.2	SL187M6R3E0520
6.3	180	150	8	20	2690	6.3X7	SL187M6R3E0700
6.3	220	150	8	15	3100	6.3X5.2	SL227M6R3E0520
6.3	220	150	8	15	3100	6.3X7	SL227M6R3E0700
6.3	270	150	8	15	3100	6.3X5.2	SL277M6R3E0520
6.3	270	150	8	15	3100	6.3X7	SL277M6R3E0700
6.3	330	150	8	15	3100	6.3X5.2	SL337M6R3E0520
6.3	330	150	8	15	3100	6.3X7	SL337M6R3E0700
6.3	390	150	8	15	3500	6.3X11	SL397M6R3E1100
6.3	390	150	8	15	3500	6.3X7	SL397M6R3E0700
6.3	470	150	8	15	3500	6.3X11	SL477M6R3E1100

Dimensions & Characteristics

Ripple Current(mA,rms) at 105°C,100KHz

W.V (V)	Capacitance (uF)	LC. (uA,2min)	tgδ (120Hz,20℃)	ESR (mΩ,100KHz)	Rated Ripple Current (mA,rms)	Size ΦDXL(mm)	Part Number
10	10	150	8	45	1200	4X5	SL106M010B0500
10	15	150	8	45	1200	4X5	SL156M010B0500
10	22	150	8	45	1200	4X5	SL226M010B0500
10	33	150	8	45	1670	5X5	SL336M010C0500
10	33	150	8	30	2200	6.3X5.2	SL336M010E0520
10	39	150	8	45	1670	5X5	SL396M010C0500
10	39	150	8	30	2200	6.3X5.2	SL396M010E0520
10	47	150	8	30	2200	6.3X5.2	SL476M010E0520
10	47	150	8	20	2690	6.3X7	SL476M010E0700
10	68	150	8	30	2200	6.3X5.2	SL686M010E0520
10	68	150	8	20	2690	6.3X7	SL686M010E0700
10	82	150	8	30	2200	6.3X5.2	SL826M010E0520
10	82	150	8	20	2690	6.3X7	SL826M010E0700
10	100	150	8	30	2200	6.3X5.2	SL107M010E0520
10	100	150	8	20	2690	6.3X7	SL107M010E0700
10	150	150	8	20	2690	6.3X5.2	SL157M010E0520
10	150	150	8	20	2690	6.3X7	SL157M010E0700
10	180	150	8	20	2690	6.3X7	SL187M010E0700
10	220	150	8	20	2690	5X11	SL227M010C1100
10	220	150	8	20	2690	6.3X7	SL227M010E0700
10	270	150	8	15	3500	6.3X11	SL277M010E1100
10	330	150	8	15	3500	6.3X11	SL337M010E1100
16	10	150	8	30	2200	6.3X5.2	SL106M016E0520
16	10	150	8	25	2610	6.3X7	SL106M016E0700
16	15	150	8	30	2200	6.3X5.2	SL156M016E0520
16	15	150	8	25	2610	6.3X7	SL156M016E0700
16	22	150	8	30	2200	6.3X5.2	SL226M016E0520
16	22	150	8	25	2610	6.3X7	SL226M016E0700
16	33	150	8	30	2200	6.3X5.2	SL336M016E0520
16	33	150	8	25	2610	6.3X7	SL336M016E0700
16	47	150	8	30	2200	6.3X5.2	SL476M016E0520
16	47	150	8	25	2610	6.3X7	SL476M016E0700
16	68	150	8	30	2200	6.3X5.2	SL686M016E0520
16	68	150	8	20	2690	6.3X7	SL686M016E0700
16	82	150	8	20	2690	6.3X7	SL826M016E0700
16	100	150	8	15	3500	6.3X11	SL107M016E1100
16	100	150	8	20	2690	6.3X7	SL107M016E0700
16	220	150	8	15	3500	6.3X11	SL227M016E1100
20	10	150	8	30	2200	6.3X5.2	SL106M020E0520
20	10	150	8	25	2670	6.3X7	SL106M020E0700
20	15	150	8	30	2200	6.3X5.2	SL156M020E0520
20	15	150	8	25	2670	6.3X7	SL156M020E0700
20	22	150	8	30	2200	6.3X5.2	SL226M020E0520
20	22	150	8	25	2670	6.3X7	SL226M020E0700
20	33	150	8	25	2670	6.3X7	SL336M020E0700
20	39	150	8	25	2670	6.3X7	SL396M020E0700
20	47	150	8	25	2670	6.3X7	SL476M020E0700
20	68	150	8	20	2900	6.3X11	SL686M020E1100
25	10	150	8	30	2200	6.3X5.2	SL106M025E0520
25	10	150	8	25	2670	6.3X7	SL106M025E0700
25	15	150	8	25	2200	6.3X5.2	SL156M025E0520
25	15	150	8	25	2670	6.3X7	SL156M025E0700
25	22	150	8	25	2670	6.3X7	SL226M025E0700
25	33	150	8	25	2670	6.3X7	SL336M025E0700
25	39	150	8	25	2670	6.3X7	SL396M025E0700
25	47	150	8	20	2900	6.3X11	SL476M025E1100