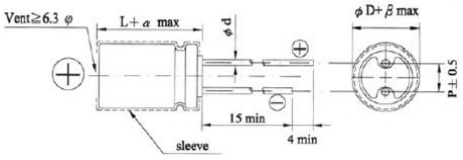
ALUMINUM ELECTROLYTIC CAPACITORS (105℃ 6000~10000hrs) - LH SERIES (DIP)低阻抗電解電容

▲ 105℃ 6000~10000 hours assured.High Ripple Current & Long Life

D≦5 =6000hrs D=6.3 , 8 , 10 = 8000hrs D≧13=10000hrs

LEAD SPACING AND DIAMETER **Unit:mm**

ψ D	5	6.3	8	10	13	16	18
P	2.0	2.5	3.5	5.0	5	7.5	7.5
ψ d	0.50	0.50	0.60	0.60	0.6	0.8	0.8
α	1.0	1.0	1.5	1.5	1.5	1.5	1.5
β	0.5	0.5	0.5	0.5	0.5	0.5	0.5



▲ DIMENSION : m/m Ripple Current : mA / rms at 120Hz, 105℃ Impedance: at 25℃ 100k Hz

V.DC / μF	6.3V			10V			16V			25V		
	DxL	mA	ohm	DxL	mA	ohm	DxL	mA	ohm	DxL	mA	ohm
47										5x11	210	0.600
56										6.3x11	360	0.220
82							5x11	210	0.600	6.3x11	360	0.220
100				5x11	210	0.600	6.3x11	360	0.220	6.3x11	360	0.220
120				6.3x11	360	0.220	6.3x11	360	0.220	6.3x11	360	0.220
150	5x11	210	0.600	6.3x11	360	0.220	6.3x11	360	0.220	8x11	640	0.130
180	6.3x11	360	0.220	6.3x11	360	0.220	6.3x11	360	0.220	8x11	640	0.130
220	6.3x11	360	0.220	6.3x11	360	0.220	8x11	640	0.130	8x11	640	0.130
270	6.3x11	360	0.220	6.3x11	360	0.220	8x11	640	0.130	8x16	840	0.087
330	6.3x11	360	0.220	8x11	640	0.130	8x11	640	0.130	8x16	840	0.087
390	6.3x11	360	0.220	8x11	640	0.130	8x11	640	0.130	8x16	840	0.087
470	8x11	640	0.130	8x11	640	0.130	8x16	840	0.087	8x16	840	0.087
560	8x11	640	0.130	8x11	640	0.130	8x16	840	0.087	8x20	1050	0.060
680	8x11	640	0.130	8x16	840	0.087	8x16	840	0.087	10x21	1400	0.046
820	8x16	840	0.087	8x16	840	0.087	8x20	1050	0.060	10x21	1400	0.046
1000	8x16	840	0.087	8x16	840	0.087	8x20	1050	0.060	10x25	1650	0.042
1200	8x16	840	0.087	8x20	1050	0.060	10x21	1400	0.046	10x25	1650	0.042
1500	8x20	1050	0.060	8x20	1050	0.060	10x21	1400	0.046	13x21	1900	0.031
1800	8x20	1050	0.060	10x21	1400	0.046	10x25	1650	0.042	13x21	1900	0.031
2200	10x21	1400	0.046	10x25	1650	0.042	13x21	1900	0.031	13x26	2230	0.027
2700	10x21	1400	0.046	10x25	1650	0.042	13x21	1900	0.031	13x31	2650	0.024
3300	10x25	1650	0.042	13x21	1900	0.031	13x26	2230	0.027	16x24	2750	0.025
3900	13x21	1900	0.031	13x21	1900	0.031	13x31	2650	0.024	16x32	3450	0.017
4700	13x21	1900	0.031	13x26	2230	0.027	13x31	2650	0.024	16x35	3800	0.015
5600	13x21	1900	0.031	13x31	2650	0.024	16x32	3450	0.017	18x35	4200	0.014
6800	13x26	2230	0.027	13x31	2650	0.024	16x32	3450	0.017	18x35	4200	0.014
8200	13x31	2650	0.024	16x32	3450	0.017	16x35	3800	0.015	18x41	4700	0.012
10000	16x24	2750	0.025	16x32	3450	0.017	18x35	4200	0.014			
12000	16x32	3450	0.017	16x35	3800	0.015	18x41	4700	0.012			
15000	16x35	3800	0.015	18x35	4200	0.014	18x41	4700	0.012			
18000	18x35	4200	0.014	18x41	4700	0.012						
22000	18x35	4200	0.014									
27000	18x41	4700	0.012									

▲ DIMENSION : m/m Ripple Current : mA / rms at 120Hz, 105℃ Impedance: at 25℃ 100k Hz

V.DC / μF	35V			50V			63V			100V		
	DxL	mA	ohm	DxL	mA	ohm	DxL	mA	ohm	DxL	mA	ohm
5.6										5X11	155	0.950
10							5X11	165	0.880	6.3X11	220	0.570
15							6.3X11	275	0.350	6.3X11	220	0.570
18				5X11	210	0.600	6.3X11	275	0.350	8X11	350	0.360
22				6.3X11	360	0.220	6.3X11	275	0.350	8X11	350	0.360
27				6.3X11	360	0.220	6.3X11	275	0.350	8X11	350	0.360
33	5X11	210	0.600	6.3X11	360	0.220	8X11	500	0.220	8X16	500	0.250
39	6.3X11	360	0.220	6.3X11	360	0.220	8X11	500	0.220	8X16	500	0.250
47	6.3X11	360	0.220	6.3X11	360	0.220	8X11	500	0.220	8X16	500	0.250
56	6.3X11	360	0.220	6.3X11	360	0.220	8X16	665	0.160	8X16	500	0.250
82	6.3X11	360	0.220	8X11	640	0.130	8X16	665	0.160	8X20	700	0.140
100	8X11	640	0.130	8X11	640	0.130	8X16	665	0.160	10X21	1000	0.084
120	8X11	640	0.130	8X16	840	0.087	8X20	820	0.120	10X21	1000	0.084
150	8X11	640	0.130	8X16	840	0.087	8X20	820	0.120	10X25	1200	0.070
180	8X16	840	0.087	8X16	840	0.087	10X21	1200	0.056	13X21	1400	0.060
220	8X16	840	0.087	8X20	1050	0.060	10X21	1200	0.056	13X21	1400	0.060
270	8X16	840	0.087	8X20	1050	0.060	10X25	1350	0.050	13X26	1650	0.052
330	8X20	1050	0.060	10X21	1400	0.046	13X21	1500	0.047	13X31	1860	0.047
390	8X20	1050	0.060	10X21	1400	0.046	13X21	1500	0.047	16X32	2500	0.033
470	10X21	1400	0.046	10X25	1650	0.042	13X21	1500	0.047	16X32	2500	0.033
560	10X21	1400	0.046	13X21	1900	0.031	13X26	1800	0.040	16X32	2500	0.033
680	10X25	1650	0.042	13X21	1900	0.031	13X31	2300	0.028	16X35	2700	0.030
820	13X21	1900	0.031	13X21	1900	0.031	16X32	3000	0.021	18X35	3150	0.026
1000	13X21	1900	0.031	13X26	2230	0.027	16X32	3000	0.021	18X35	3150	0.026
1200	13X21	1900	0.031	13X31	2650	0.024	16X35	3250	0.019	18X41	3600	0.023
1500	13X26	2230	0.027	16X24	2750	0.025	18X35	3700	0.017			
1800	13X31	2650	0.024	16X32	3450	0.017	18X35	3700	0.017			
2200	16X32	3450	0.017	16X35	3800	0.015	18X41	4100	0.016			
2700	16X32	3450	0.017	18X35	4200	0.014						
3300	16X35	3800	0.015	18X35	4200	0.014						
3900	18X35	4200	0.014	18X41	4700	0.012						
4700	18X35	4200	0.014									
5600	18X41	4700	0.012									

▲ SPECIFICATIONS

Items	Performance							
Operating Temperature Range	- 40℃ ~ + 105℃							
Capacitance Tolerance	±20% (at 120Hz, 20℃)							
Leakage Current (at 20℃)	I≦0.01CV or 3(u A) whichever is great (after 3 minutes) Where, C=rated capacitance in μ F. V=rated DC working voltage in V.							
Dissipation Factor (Tan δ at 120Hz, 20℃)	Rated Voltage	6.3	10	16	25	35	50	63	100
	Tan δ (max)	0.22	0.19	0.16	0.14	0.12	0.1	0.09	0.08
Low Temperature Characteristics(at 120Hz) Impedance Ratio	Impedance ratio shall not exceed the values given in the table below.							
	Rated Voltage	6.3	10	16	25	35	50	63	100
	Z(-25℃)/Z(+25℃)	3	3	2	2	2	2	2	2
	Z(-40℃)/Z(+25℃)	6	6	4	4	3	3	3	3

ORDER: LH 10U 100V 6.3x11 DIP

TEL: 02-77316666 FAX:02-77318666 MAIL: sales@sesh.com.tw 尚聲電子股份有限公司