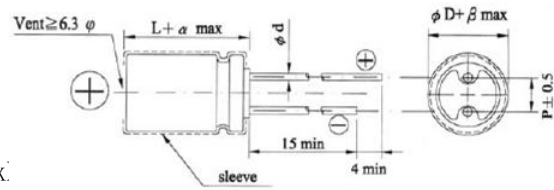


ALUMINUM ELECTROLYTIC CAPACITORS (85°C LOW LEAKGE) - LS SERIES (DIP)低漏電電解電容

▲ 85°C 1000 hours standard low leakge current capacitors.

LEAD SPACING AND DIAMETER Unit:mm

ψ D	5	6.3	8	10
P	2.0	2.5	3.5	5.0
ψ d	0.50	0.50	0.60	0.60
α	1.0	1.0	1.5	1.5
β	0.5	0.5	0.5	0.5



▲ DIMENSION&PERMISSIBLE RIPPLE CURRENT Dx

μF	10V		16V		25V		35V		50V	
	ϕ DxL	mA	ϕ DxL	mA	ϕ DxL	mA	ϕ DxL	mA	ϕ DxL	mA
0.1									5x11	1
0.22									5x11	4
0.33									5x11	4
0.47									5x11	6
1.0									5x11	17
2.2									5x11	29
3.3									5x11	34
4.7									5x11	43
10					5x11	60	5x11	67	5x11	78
22			5x11	67	5x11	80	5x11	92	6x12	121
33	5x11	65	5x11	90	5x11	97	6x12	132	8x12	148
47	5x11	74	5x11	116	5x11	134	6x12	158	8x12	206
100	5x11	170	6x12	241	6x12	263	8x12	295	8x12	371
220	6x12	281	6x12	309						

▲ SPECIFICATIONS

Items	Performance							
Operating Temperature Range	- 40°C ~ + 85°C							
Capacitance Tolerance	±20% (at 120Hz, 20°C)							
Leakage Current (at 20°C)	I=0.002CV or 0.4(u A) whichever is greater (after 2 minutes) Where, C=rated capacitance in μ F. V=rated DC working voltage in V.							
Dissipation Factor (Tan δ at 120Hz, 20°C)	Rated Voltage	10	16	25	35	50		
	Tan δ (max)	0.2	0.17	0.15	0.12	0.10		
Low Temperature Characteristics(at 120Hz)	Impedance ratio shall not exceed the values given in the table below.							
	Rated Voltage	10	16	25	35	50		
	Impedance Ratio	Z(- 25°C)/Z(+20°C)	3	3	2	2	2	
Z(- 40°C)/Z(+20°C)		6	6	4	4	3		
Load Life Test	Test Time	1000 Hrs						
	Capacitance Change 10~50V	Within ± 20% of initial value						
	Dissipation Factor	Less than 200% of specified value						
	Leakage Curent	Within specified value						
	* The above specifications shall be satisfied when the capacitors are restored to 20°C after the rated voltage applied with rated ripple current for 1000 hrs at 85°C.							
Shelf Life Test	Test time:1000 hrs,other items are the same as those for the load life test.							
Ripple Current & Frequency Multipliers	Cap(uF) \ Freq.(Hz)	60	120	500	1K	10K up		
	Under 100	0.70	1.00	1.35	1.55	2.00		
	>100	0.83	1.00	1.23	1.32	1.50		
Other Standards	JIS C 5101 - 4							

ORDER: LS 10U 50V 5x11 DIP