

ALUMINUM ELECTROLYTIC CAPACITORS (105°C) - EV SERIES (SMD)(電解電容)-105°C標準品

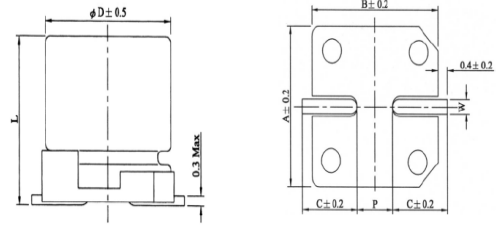
▲ 105°C 1000 hours CAPACITORS

▲ FEATURES 105°C , 1000 hours assured.

LEAD SPACING AND DIAMETER

Unit:mm

ψ D	L	A	B	C	W	P±2
4	5.5±0.3	4.3	4.3	2.0	0.5 - 0.8	1.0
5	5.5±0.5	5.3	5.3	2.3	0.5 - 0.8	1.4
6.3	5.5±0.5	6.6	6.6	2.7	0.5 - 0.8	2.2
6.3	7.7±0.5	6.6	6.6	2.7	0.5 - 0.8	2.2
8	6.5±0.3	8.3	8.3	3.0	0.5 - 0.8	2.3
8	10.5±0.5	8.3	8.3	3.0	0.7 - 1.1	3.1
10	10.5±0.5	10.3	10.3	3.3	0.7 - 1.1	4.5



DxL : mm

▲ GENERAL DIMENSIONS & PERMISSIBLE RIPPLE CURRENT

Ripple Current : mA / rms at 120Hz, 105°C

uf	6.3V		10V		16V		25V		35V		50V	
	DxL	mA	DxL	mA	DxL	mA	DxL	mA	DxL	mA	DxL	mA
0.1											4x5.5	1
0.22											4x5.5	2.6
0.33											4x5.5	3.2
0.47											4x5.5	3.8
1											4x5.5	6.3
2.2											4x5.5	11
3.3											4x5.5	14
4.7							4x5.5	16	4x5.5	16	5x5.5	22
10					4x5.5	18	4x5.5	26	4x5.5	27	6.3x5.5	33
22	4x5.5	22	4x5.5	27	4x5.5	30		38	6.3x5.5	42	6.3x5.5	51
33	4x5.5	30	4x5.5	25	5x5.5	40	5x5.5	48	6.3x5.5	50	6.3x7.7	60
			5x5.5	40					6.3x7.7	58	8x6.5	60
47	4x5.5	36	5x5.5	46	5x5.5	51	6.3x5.5	63	6.3x7.7	66	6.3x7.7	66
											8x6.5	66
100	5x5.5	60	6.3x5.5	60	6.3x5.5	60	6.3x7.7	91	6.3x7.7	84	8x10.5	140
150	6.3x5.5	86	6.3x5.5	86	6.3x7.7	95	8x10.5	140	8x10.5	155	10x10.5	180
220	6.3x7.7	102	6.3x7.7	105	6.3x7.7	105	8x10.5	155	10x10.5	190	10x10.5	220
	8x6.5		8x6.5									
330	6.3x7.7	105	8x10.5	195	8x10.5	20	8x10.5	175	10x10.5	300		
	8x6.5	105					10x10.56	198				
470	8x10.5	210	8x10.5	210	8x10.5	210	10x10.56	300				
1000	10x10.5	230	10x10.5	310								
1500	10x10.5	230										

▲ SPECIFICATIONS

Items	Performance											
Operating Temperature Range	- 40°C ~ + 105°C											
Capacitance Tolerance	±20% ( at 120Hz, 20°C )											
Leakage Current (at 20°C)	I ≤ 0.01CV ro 3(μ 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	6.3	10	16	25	35	50					
	DF(%)max	30	24	20	18	16	14					
Low Temperature Characteristics(at 120Hz)	Impedance ratio shall not exceed the values given in the table below.											
	Rated Voltage		6.3	10	16	25	35	50				
	Impedance Ratio	Z(- 25°C)/Z(+20°C)	4	3	2	2	2	2				
Z(- 40°C)/Z(+20°C)		8	8	4	4	3	3					
Load Life Test	Test condition											
	Duration time		1000Hrs									
	Ambient temperature		+ 105°C									
	Applied voltage		Rated DC working voltage									
	Capacitance Change (after test requirement at +20°C)		Within ±25% of initial value for capacitance of 16V or less Within ±20% of initial value for capacitance of 16V or more									
	Dissipation Factor		Less than 200% of specified value									
Leakage Curent		Less than specified value										
Shelf Life Test	Test time:1000 hrs,other items are the same as those for the load life test.											

ORDER: EV 10U 16V 4x5.5 SMD