



Aluminum Electrolytic Capacitor

- 体积小 • 85°C、2000 小时
- 性能稳定，符合 RoHS
- Small size • 85°C, 2000 hours
- High stability, RoHS Compliance



■ 主要技术性能 Specifications

使用温度范围 Operating Temperature Range	-40 ~ +85°C							-25 ~ +85°C							
额定电压范围 Rated Voltage Range	6.3 ~ 100V DC							160 ~ 450V DC							
标称电容量允许偏差 Capacitance Tolerance	± 20% (120Hz, 20°C)														
漏电流 Leakage Current	6.3 ~ 100V.DC							160 ~ 450V.DC							
	I ≤ 0.01CV 或 3 μA 取较大者(2分钟) I ≤ 0.01CV or 3 μA Whichever is greater (after 2 minutes)							CV ≤ 1000							
								I = 0.1CV + 40 μA (1minute) I = 0.03CV + 15 μA (5minutes)			CV > 1000				
损耗角正切值 Dissipation Factor (120Hz 20°C)	W.V	6.3	10	16	25	35	50	63	100	160	250	350	400	450	
	tg δ	0.28	0.24	0.20	0.16	0.14	0.12	0.10	0.08	0.20	0.20	0.20	0.25	0.25	
容量大于 1000 μF 者，每增加 1000 μF，其损耗角正切值增加 0.02 For capacitance exceeding 1000 μF, add 0.02 per increment of 1000 μF															
温度特性 (20Hz) Temperature characteristics Impedance at 120Hz	WV	6.3	10	16	25	35	50	63	100	160	200	250	350	400	450
	Z -25°C/ Z 20°C	5	4	3	2	2	2	2	2	3	3	4	5	5	7
	Z -40°C/ Z 20°C	12	10	8	5	4	3	3	3	4	4	8	8	10	-
耐久性 Load Life	+85°C施加带纹波电流的额定电压 2000 小时，恢复 16 小时后。 After applying rated voltage with specified ripple current for 2000 hours at +85°C and then resumed 16 hours. The capacitor shall meet the following limits.														
	电容量变化率 Capacitance Change	≤ ± 25% 初始测量值 ≤ ± 25% of Initial measured value													
	漏电流值 Leakage	≤ 规定值 ≤ The specified value													
	损耗角正切值 Dissipation Factor	≤ 2 倍规定值 ≤ 200% of the specified value													
高温贮存 Shelf Life	+85°C, 1000 小时，然后按 JISC5101-4 第 4.1 项预处理后测量。 After storage for 1000 hours at +85°C, the capacitor shall be preconditioned by applying voltage according to Item 4.1 of JISC5101-4.														
	电容量变化率 Capacitance Change	≤ ± 20% 初始测量值 ≤ ± 20% of Initial measured value													
	漏电流值 Leakage	≤ 规定值 ≤ The specified value													
	损耗角正切值 Dissipation Factor	≤ 2 倍规定值 ≤ 200% of the specified value													

■ 外形图及尺寸 Case size table

ΦD ± 0.5	5	6.3	8	10	12.5 or 13	16	18
L	11	11	11.5	12,16,20	20,25	25,31,36	36,40
F ± 0.5	2.0	2.5	3.5	5.0		7.5	
Φd ± 0.05	0.5		0.6			0.8	
a	1.5(WV ≤ 100); 2.0(WV > 100)					2.0	

mm