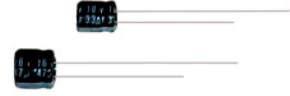


ALUMINUM ELECTROLYTIC CAPACITORS

LSS

5mm 高度 立式 105°C超小型低阻抗品
5mm Height, 105°C Low Impedance Series

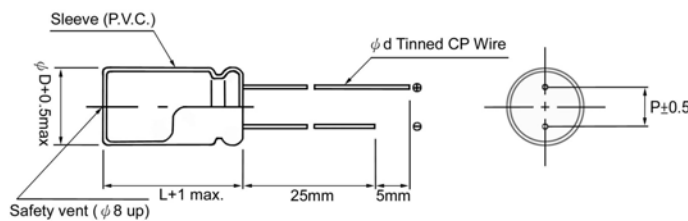
- 高 姿 5mm 小型化低阻抗品, 適於高 頻迴路 應用
- 產品壽命保證 2,000 小時 / 105°C
- Low impedance for high frequency circuit application
- Life guaranteed 2,000 hrs./105°C.



• Specifications

Item	Performance Characteristics							
Operating Temperature range 使用溫度範圍	-40 + 105°C							
Rated Voltage 額定電壓	6.3V ~ 50V							
Capacitance Range 容量範圍	0.1 ~ 220 μF							
Capacitance Tolerance 靜電容量容許差	±20% (120Hz, 20°C)							
Leakage Current 洩漏電流	I ≤ 0.01CV or 3 μA, whichever is greater after 2 minutes application of rated voltage.							
Dissipation Factor 散逸係數 (120Hz, 20°C)	Rated voltage (V)	6.3	10	16	25	35	50	
	Tan δ (max.)	0.24	0.20	0.16	0.14	0.12	0.10	
Temperature Characteristics 溫度特性 (120Hz)	Impedance Ratio / Stability at Low Temperature							
	Rated voltage (V)	6.3	10	16	25	35	50	
	Z (-40°C) / Z (20°C)	3	2	2	2	2	2	
	Z (-55°C) / Z (20°C)	5	4	4	3	3	3	
Load Life 高溫負荷特性	After 2,000 hours application of WV at 105°C, capacitor shall meet the characteristics requirements mentioned below.							
	Capacitance change	Within ±25% of initial value						
	Tan δ	200% or less of initial specified value						
	Leakage current	Initial specified value or less						
Shelf Life 擱置壽命	After leaving capacitors under no load at 105°C for 1,000 hours and applying voltage according to JIS C5102 and C5141, they shall meet the specified value as load life characteristics listed above.							

• Dimension



Dφ	4	5	6
P	1.5	2.0	2.5
φd	0.45	0.45	0.45

• Size & ripple current

Unit: DxL(mm)

WV(SV) Cap(μF)	6.3 (10)		10 (13)		16 (20)			25 (32)			35 (44)			50 (63)				
0.1														4 x 5	30	10		
0.22														4 x 5	16	10		
0.33														4 x 5	13	15		
0.47														4 x 5	12	20		
1														4 x 5	11	25		
2.2														4 x 5	9.8	30		
3.3														4 x 5	8.0	35		
4.7									4 x 5	5.6	45	4 x 5	7.5	35	5 x 5	3.8	50	
10							4 x 5	5.6	45	5 x 5	2.6	65	5 x 5	3.8	50	6.3 x 5	2.0	70
22	4 x 5	5.6	45	5 x 5	2.6	65	5 x 5	2.6	65	6.3 x 5	1.6	100	6.3 x 5	2.0	70	6.3 x 5	2.0	70
33	5 x 5	2.6	65	5 x 5	2.6	65	6.3 x 5	1.6	100	6.3 x 5	1.6	100	6.3 x 5	2.0	70			
47	5 x 5	2.6	65	6.3 x 5	1.6	100	6.3 x 5	1.6	100	6.3 x 5	1.6	100	6.3 x 5	2.0	70			
100	6.3 x 5	1.6	100	6.3 x 5	1.6	100	6.3 x 5	1.6	100									
220	6.3 x 5	1.6	100														Case Size	Imp. ripple

Impedance: (Ω) max. at 20°C 100KHz
Rated Ripple (mA rms) at 105°C 100KHz