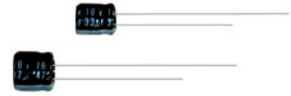


ALUMINUM ELECTROLYTIC CAPACITORS

USS

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

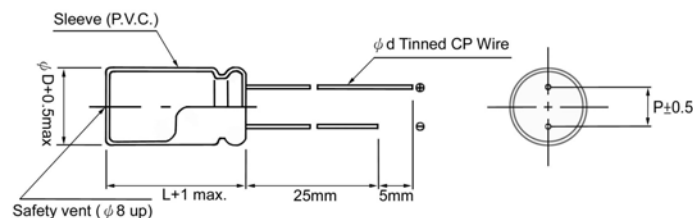
- 高 5mm 小型化極低阻抗品, 適於高 頻迴路應用
- 產品壽命保證 1,000 小時/105°C
- Ultra low impedance series for high frequency circuit application
- Life guaranteed 1,000 hrs./105°C.



• Specifications

Item	Performance Characteristics					
Operating Temperature range 使用溫度範圍	-40 + 105°C					
Rated Voltage 額定電壓	6.3V ~ 35V					
Capacitance Range 容量範圍	4.7 ~ 220μF					
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
	Tan δ (max.)	0.24	0.20	0.16	0.14	0.12
Temperature Characteristics 溫度特性 (120Hz)	Impedance Ratio / Stability at Low Temperature					
	Rated voltage (V)	6.3	10	16	25	35
	Z (-40°C) / Z (20°C)	3	2	2	2	2
	Z (-55°C) / Z (20°C)	5	4	4	3	3
Load Life 高溫負荷特性	After 1,000 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)				
4.7										4 x 5	2.20	80		
10							4 x 5	2.20	80	5 x 5	0.76	150		
15							4 x 5	2.20	80	5 x 5	0.76	150		
22			4 x 5	2.20	80	5 x 5	0.76	150	5 x 5	0.76	150	5 x 5	0.76	150
33			5 x 5	0.76	150				6.3 x 5	0.44	230	6.3 x 5	0.44	230
47	5 x 5	0.76	150			6.3 x 5	0.44	230	6.3 x 5	0.44	230	6.3 x 5	0.44	230
56	5 x 5	0.76	150						6.3 x 5	0.44	230			
68				6.3 x 5	0.44	230	6.3 x 5	0.44	230					
100	6.3 x 5	0.44	230			6.3 x 5	0.44	230						
120						6.3 x 5	0.44	230						
150	6.3 x 5	0.44	230									Case Size	Imp.	ripple
220	6.3 x 5	0.44	230											

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