

ALUMINUM ELECTROLYTIC CAPACITORS

USR 7mm 高度 立式 105°C 小型超低阻抗品

7mm Height, Ultra Low Impedance Series

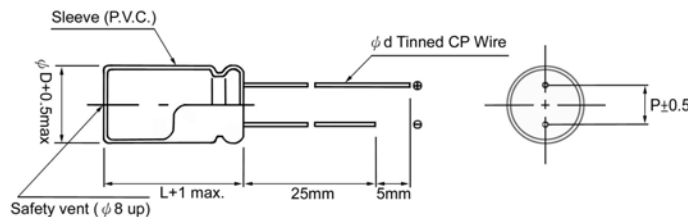
- 高度 7mm 小型化超低阻抗品, 適於高頻迴路應用
- 產品壽命保證 2,000 小時/105°C
- Ultra low impedance for high frequency circuit application.
- Life guaranteed 2,000 hrs./105°C.



• 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	4.7 ~ 330 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 散逸因素 (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 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 摺疊壽命	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



D φ	4	5	6
P	1.5	2.0	2.5
φ d	0.45	0.45	0.45

• Size & ripple current

WV(SV) Cap(μF)	Unit: DxL(mm)														
	6.3 (10)			10 (13)			16 (20)			25 (32)			35 (44)		
4.7													4 x 7	1.15	90
10										4 x 7	1.15	90	5 x 7	0.49	160
15							4 x 7	1.15	90	5 x 7	0.49	160	6.3 x 7	0.29	280
22				4 x 7	1.15	90	5 x 7	0.49	160	5 x 7	0.49	160	6.3 x 7	0.29	280
33				5 x 7	0.49	160				6.3 x 7	0.24	280	6.3 x 7	0.29	280
47	5 x 7	0.49	160				6.3 x 7	0.24	280	6.3 x 7	0.24	280	6.3 x 7	0.29	280
68										6.3 x 7	0.24	280			
100				6.3 x 7	0.24	280	6.3 x 7	0.24	280	6.3 x 7	0.29	280			
150				6.3 x 7	0.24	280	6.3 x 7	0.29	280						
220	6.3 x 7	0.24	280	6.3 x 7	0.29	280	6.3 x 7	0.29	280						
330	6.3 x 7	0.29	280										Case Size	Imp.	ripple

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