

ALUMINUM ELECTROLYTIC CAPACITORS

LSR 7mm 高度 立式 105°C 小型低阻抗品 7mm Height, 105°C Low Impedance Series

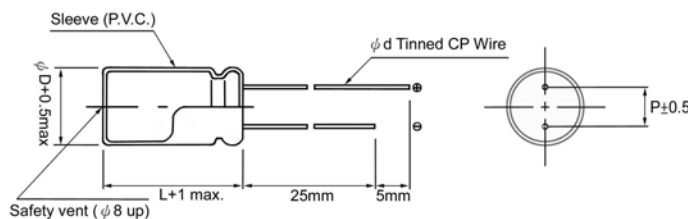
- 高度 7mm 小型化低阻抗品, 適於高頻迴路應用
- 壽命保證 2,000 小時 / 105°C
- Low impedance for high frequency circuit application.
- Life guaranteed 2,000 hrs./105°C.



• 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 ~ 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 擺置壽命	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 7	30 10	
0.22											4 x 7	16 10	
0.33											4 x 7	13 15	
0.47											4 x 7	12 20	
1											4 x 7	10 30	
2.2											4 x 7	7.8 35	
3.3											4 x 7	6.2 40	
4.7								4 x 7	4.2 50	4 x 7	6.0 40	5 x 7 3.1 70	
10						4 x 7	4.2 50	5 x 7	2.0 85	5 x 7	3.1 70	6.3 x 7 1.6 100	
22	4 x 7	4.2 50	5 x 7	2.0 85	5 x 7	2.0 85	6.3 x 7	1.2 120	6.3 x 7	1.2 120	6.3 x 7	1.6 100	6.3 x 7 1.6 100
33	5 x 7	2.0 85	5 x 7	2.0 85	6.3 x 7	1.2 120	6.3 x 7	1.2 120	6.3 x 7	1.2 120	6.3 x 7	1.6 100	6.3 x 7 1.6 100
47	5 x 7	2.0 85	6.3 x 7	1.2 120	6.3 x 7	1.2 120	6.3 x 7	1.2 120	6.3 x 7	1.2 120	6.3 x 7	1.6 100	6.3 x 7 1.6 100
100	6.3 x 7	1.2 120	6.3 x 7	1.2 120	6.3 x 7	1.2 120	6.3 x 7	1.2 120	6.3 x 7	1.2 120	6.3 x 7	1.6 100	
220	6.3 x 7	1.2 120	6.3 x 7	1.2 120	6.3 x 7	1.2 120	6.3 x 7	1.2 120					
330	6.3 x 7	1.2 120											Case Size Imp. ripple

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