

### ALUMINUM ELECTROLYTIC CAPACITORS

# SSH 5mm 高度 立式 105°C 超小型高溫標準品

## 5mm Height, 105°C Super Small Size Series

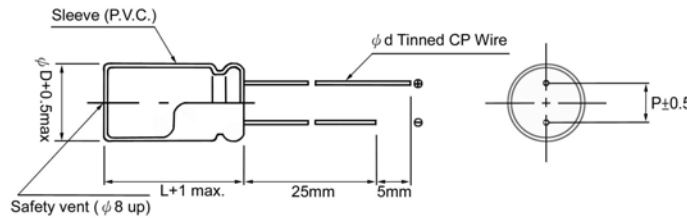
- 高度 5mm 超小型 尺寸 高溫品, 適用於各式小型化電子 產品
- 產品壽命保證 2,000 小時 / 105°C
- High temperature for general purpose use with 5mm height
- Life guaranteed 2,000 hrs./105°C.



#### • Specifications

Item	Performance Characteristics							
Operating Temperature range 使用溫度範圍	-40 + 105°C							
Rated Voltage 額定電壓	4V ~ 50V							
Capacitance Range 容量範圍	0.1 ~ 470 μF							
Capacitance Tolerance 靜電容量容許差	±20% (120Hz, 20°C)							
Leakage Current 洩漏電流	I ≤ 0.02CV or 4 μA, whichever is greater after 2 minutes application of rated voltage.							
Dissipation Factor 散逸因素 (120Hz, 20°C)	Rated voltage (V)	4	6.3	10	16	25	35	50
	Tan δ (max.)	0.35	0.28	0.24	0.20	0.16	0.13	0.12
Temperature Characteristics 溫度特性 (120Hz)	Impedance Ratio / Stability at Low Temperature							
	Rated voltage (V)	4	6.3	10	16	25	35	50
	Z (-25°C) / Z (20°C)	6	3	3	2	2	2	2
	Z (-40°C) / Z (20°C)	12	8	5	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 ±20% 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	8
P	1.5	2.0	2.5	3.5
φd	0.45	0.45	0.45	0.45

#### • Size & ripple current

Unit: DxL(mm)

WV(SV)	4 (5)		6.3 (10)		10 (13)		16 (20)		25 (32)		35 (44)		50 (63)	
Cap(μF)														
0.1													4 x 5	1
0.22													4 x 5	2
0.33													4 x 5	3
0.47													4 x 5	5
1													4 x 5	7
2.2													4 x 5	10
3.3													4 x 5	13
4.7									4 x 5	13	4 x 5	15	5 x 5	18
10							4 x 5	18	5 x 5	22	5 x 5	25	6.3 x 5	30
22	4 x 5	22	4 x 5	22	5 x 5	27	5 x 5	30	6.3 x 5	38	6.3 x 5	42	8 x 5	50
33	5 x 5	30	5 x 5	31	5 x 5	34	6.3 x 5	42	6.3 x 5	47	8 x 5	55		
47	5 x 5	36	5 x 5	37	6.3 x 5	46	6.3 x 5	50	6.3 x 5	58	8 x 5	72		
100	6.3 x 5	60	6.3 x 5	62	6.3 x 5	68	6.3 x 5	75	8 x 5	96				
220	6.3 x 5	75	6.3 x 5	85	8 x 5	120	8 x 5	130						
330	8 x 5	126	8 x 5	142										
470	8 x 5	160											Case Size	ripple

Ripple (mA) at 105°C 120Hz