

### ALUMINUM ELECTROLYTIC CAPACITORS

# SSG 5mm 高度 立式 85°C 超小型標準品

## 5mm Height, 85°C Super Small Size Series

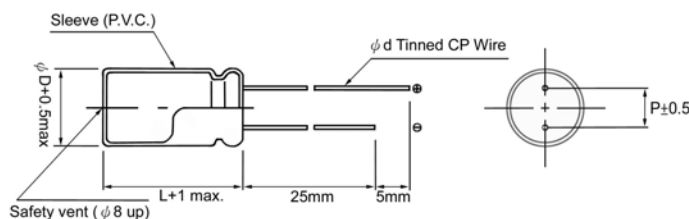
- 高度 5mm 超小型尺寸, 適用於各式小型化電子產品
- 產品壽命保證 2,000 小時 / 85°C
- For general purpose use with 5mm height
- Life guaranteed 2,000 hrs./85°C.



#### • Specifications

Item	Performance Characteristics									
Operating Temperature range 使用溫度範圍	-40 + 85°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 散逸係數 (120Hz, 20°C)	Rated voltage (V)	4	6.3	10	16	25	35	50	Figures in ( ) are for φ3.	
	Tan δ (max.)	0.35	0.24 (0.30)	0.20 (0.24)	0.16 (0.20)	0.14 (0.18)	0.12 (0.16)	0.10 (0.13)		
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)	7	4	3	2	2	2	2		
	Z (-40°C) / Z (20°C)	15	8	6	4	4	3	3		
Load Life 高溫度負荷特性	After 2,000 hours application of WV at 85°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 85°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	3	4	5	6	8
P	1.0	1.5	2.0	2.5	3.5
φd	0.40	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	4
1													○ 4 x 5	9
2.2													○ 4 x 5	13
3.3													○ 4 x 5	17
4.7												○ 4 x 5	18	5 x 5
10							○ 4 x 5	23	4 x 5	25	5 x 5	29	6.3 x 5	33
22			○ 4 x 5	28	○ 4 x 5	31	4 x 5	33	5 x 5	38	6.3 x 5	46	8 x 5	52
33	○ 4 x 5	28	4 x 5	31	4 x 5	33	5 x 5	43	6.3 x 5	52	8 x 5	62	8 x 5	71
47	4 x 5	33	4 x 5	35	4 x 5	37	5 x 5	48	6.3 x 5	62	8 x 5	80		
100	5 x 5	56	5 x 5	60	6.3 x 5	76	6.3 x 5	86	8 x 5	110				
220	6.3 x 5	96	6.3 x 5	110	8 x 5	135	8 x 5	145						
330	8 x 5	145	8 x 5	170										
470	8 x 5	185											Case Size	ripple

Size 3x5 is available for above marked with "○".

Ripple (mA) at 85°C 120Hz