

### ALUMINUM ELECTROLYTIC CAPACITORS

# SSN

5mm 高度 立式 85°C 超小型無極性品  
5mm Height, 85°C Non-Polar Series

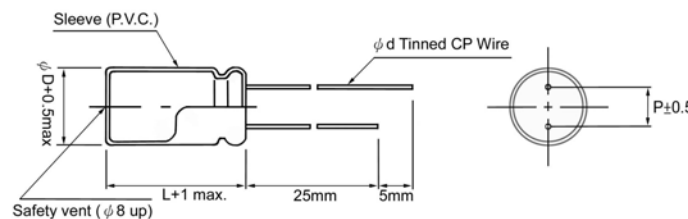
- 高度 5mm, 無極性 小型化 品
- 產品壽命保證 2,000 小時 / 85°C
- Non-Polar series with 5mm height
- Life guaranteed 2,000 hrs./85°C.



#### • Specifications

Item	Performance Characteristics						
Operating Temperature range 使用溫度範圍	-40 + 85°C						
Rated Voltage 額定電壓	6.3V ~ 50V						
Capacitance Range 容量範圍	0.1 ~ 100 μF						
Capacitance Tolerance 靜電容量容許差	±20% (120Hz, 20°C)						
Leakage Current 洩漏電流	I ≤ 0.05CV or 10 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	0.17	0.17	0.15	0.15
Temperature Characteristics 溫度特性 (120Hz)	Impedance Ratio / Stability at Low Temperature						
	Rated voltage (V)	6.3	10	16	25	35	50
	Z (-25°C) / Z (20°C)	4	3	2	2	2	2
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					
Shelf Life 擺置壽命	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.						
	Leakage current	Initial specified value or less					

#### • Dimension



Dφ	4	5	6	8
P	1.5	2.0	2.5	3.5
φd	0.45	0.45	0.45	0.5

#### • Size & ripple current

Unit: DxL(mm)

WV(SV)	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	8	5 x 5	13
3.3							5 x 5	12	5 x 5	16	5 x 5	17
4.7					4 x 5	12	5 x 5	16	5 x 5	18	6.3 x 5	20
10			4 x 5	17	5 x 5	23	6.3 x 5	27	6.3 x 5	29	8 x 5	36
22	5 x 5	28	6.3 x 5	33	6.3 x 5	37	8 x 5	50	8 x 5	54		
33	6.3 x 5	37	6.3 x 5	41	6.3 x 5	49	8 x 5	61				
47	6.3 x 5	45	8 x 5	61	8 x 5	75						
100	8 x 5	82									Case Size	ripple

Ripple (mA) at 85°C 120Hz