

### ALUMINUM ELECTROLYTIC CAPACITORS

# NSR

7mm 高度 立式 85°C 小型化無極性品  
7mm Height, 85°C Non-Polar Series

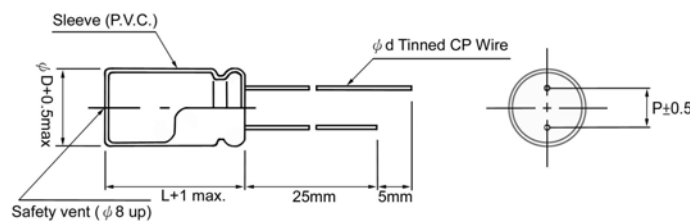
- 高度 7mm 小型品, 無極性
- 產品壽命保證 2,000 小時 / 85°C
- Non-Polar series with 7mm height
- Life guaranteed 2,000 hrs./85°C.



#### • 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 ~ 220 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	0.16	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	50
	Z (-25°C) / Z (20°C)	4	3	2	2	2	2
Load Life 高溫負荷特性	After 2,000 hours application of WV at 85°C, reversing polarity at each 250 hours, capacitor shall meet the characteristics requirements mentioned below.						
	Capacitance change	Within ±20% of initial value					
Shelf Life 擺置壽命	Tan δ	200% or less of initial specified value					
	Leakage current	Initial specified value or less					
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	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) Cap(μF)	6.3 (10)	10 (13)	16 (20)	25 (32)	35 (44)	50 (63)					
0.1							4 x 7	1			
0.22							4 x 7	2.3			
0.33							4 x 7	3.5			
0.47							4 x 7	5			
1							4 x 7	10			
2.2							4 x 7	14			
3.3					4 x 7	16	5 x 7	20			
4.7			4 x 7	18	5 x 7	21	5 x 7	22	6.3 x 7	27	
10		4 x 7	24	5 x 7	30	6.3 x 7	35	6.3 x 7	37	8 x 7	44
22		5 x 7	40	6.3 x 7	51	6.3 x 7	53	8 x 7	62	8 x 7	65
33	5 x 7	42	6.3 x 7	56	6.3 x 7	63	8 x 7	73	8 x 7	76	
47	6.3 x 7	58	6.3 x 7	67	6.3 x 7	75	8 x 7	87			
100	8 x 7	95	8 x 7	110	8 x 7	125					
220	8 x 7	140								Case Size	ripple

Ripple (mA) at 85°C 120Hz