

ALUMINUM ELECTROLYTIC CAPACITORS

HTR

立式 125°C 耐高溫品
Radial Leads, 125°C Standard Series

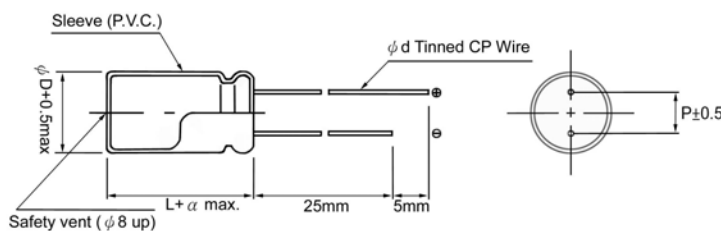
- 適用於各種設備耐高溫及高信賴性產品
- 產品壽命保證 2,000 小時 / 125°C
- For industrial equipments use, withstand high temperature.
- Life guaranteed 2,000 hrs./125°C.



Specifications

Item	Performance Characteristics						
Operating Temperature range 使用溫度範圍	-40 + 125°C						
Rated Voltage 額定電壓	10V ~ 63V						
Capacitance Range 容量範圍	0.47 ~ 1,000 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 散逸因素 (120Hz, 20°C)	Rated voltage (V)	10	16	25	35	50	63
	Tan δ (max.)	0.20	0.16	0.14	0.12	0.10	0.10
Temperature Characteristics 溫度特性 (120Hz)	Impedance Ratio / Stability at Low Temperature						
	Rated voltage (V)	10	16	25	35	50	63
	Z (-25°C) / Z (20°C)	3	2	2	2	2	2
	Z (-40°C) / Z (20°C)	4	4	4	4	4	4
Load Life 高溫負荷特性	After 2,000 hours application of WV at 125°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 125°C for 1,000 hours and applying voltage according to JIS C5102 4.4, they shall meet the specified value as load life characteristics listed above.						

Dimension



D φ	8	10	13	16
P	3.5	5.0	5.0	7.5
φ d	0.6	0.6	0.6	0.6

Size & ripple current

Unit: DxL(mm)

WV (SV) μF	10 (13)		16 (20)		25 (32)		35 (44)		50 (63)		63 (79)	
	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple
0.47											8x11.5	12
1											8x11.5	18
2.2											8x11.5	26
3.3											8x11.5	30
4.7											8x11.5	38
10									8x11.5	48	10x12.5	55
22					8x11.5	70	10x12.5	82	10x16	88	10x16	93
33			8x11.5	91	10x12.5	100	10x16	108	10x16	122	10x20	132
47	8x11.5	92	10x12.5	110	10x16	130	10x16	158	10x20	164	13x20	172
100	10x16	145	10x20	206	10x20	250	13x20	262	13x20	277	13x25	295
220	13x20	330	13x20	400	13x25	470	16x25	540	16x31.5	587	16x31.5	595
330	13x20	410	13x25	525	16x25	631	16x31.5	718	18x35.5	900	18x41	1000
470	13x25	525	16x25	720	16x31.5	810	16x35.5	900	18x41	1000		
1000	16x31.5	960	16x35.5	1000	18x35.5	1100	18x41	1200				

Ripple Current (mA, rms) at 125°C 120Hz