

SR SERIES

Working temperature range up to 85°C.

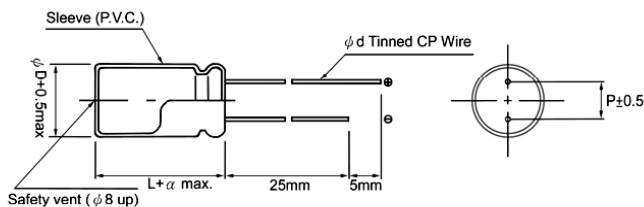
5mm Miniature sized for general-purpose application.

5mm 高度、85°C 迷你型品.適合供應小型化之電子產品.

SPECIFICATION:

ITEM 項目	Performance Characteristics 特性						
Operating Temperature range 使用溫度範圍	-40°C ~ +85°C						
Rated Voltage(vdc) 定格電壓範圍	6.3v ~ 50v DC						
Capacitance Tolerance 電容量容許差	±20% at 120 Hz ,20°C						
Leakage Current 漏洩電流	I=0.03CV or 4uA, whichever is greater after 3 minutes application of rated voltage I=Leakage C=Rated capacitance V=Working voltage						
Dissipation Factor tan δ 損失角之正接(120Hz,20°C)	Rated Voltage	6.3	10	16	25	35	50
	DF(tan δ)	0.28	0.24	0.20	0.16	0.13	0.12
Temperature Characteristics 低溫穩定特性	Stability at Low Temperature						
	Rated Voltage	6.3	10	16	25	35	50
	Z(-25°C)/Z(20°C)	4	3	2	2	2	2
	Z(-40°C)/Z(20°C)	8	6	4	4	3	3
Load Life 高溫負載壽命	After 1,000 hours application of at 85°C ,capacitors meet the characteristics requirements mentioned below						
	Capacitance Change	Within 25% of initial value					
	DF(tan δ)	200% or less of initial specified value					
	Leakage Current	200% or less of initial specified value					
Shelf Life 高溫無負載壽命	AT 85°C no voltage applied after 500 hours the capacitor shall meet the limits as in load life						

Dimension (mm)



φ D	4	5	6.3	8
P	1.5	2.0	2.5	3.5
φ d	0.45			
α	1			

WV Cap	6.3V		10V		16V		25V		35V		50V	
	φ DxL	Ripple	φ DxL	Ripple	φ DxL	Ripple	φ DxL	Ripple	φ DxL	Ripple	φ DxL	Ripple
1											4x5	9
2.2											4x5	13
3.3											4x5	17
4.7									4x5	18	5x5	20
10					4x5	23	4x5	25	5x5	29	6.3x5	33
22	4x5	28	4x5	31	4x5	33	5x5	38	6.3x5	46	8x5	52
33	4x5	31	4x5	33	5x5	43	6.3x5	52	8x5	62	8x5	71
47	4x5	35	4x5	37	5x5	48	6.3x5	62	8x5	80		
100	5x5	60	6.3x5	76	6.3x5	86	8x5	110				
220	6.3x5	110	8x5	135	8x5	145			▲ Case size φ DxL (mm)			
330	8x5	170							▲ Rated Ripple current (mA rms) at 85°C 120Hz			