

UZR Series Ultra Low Impedance 超低阻抗電容品



Features

- Ultra low impedance in 100KHz.
- Allow higher ripple current applied due to lowest impedance.
- Load life 2000hrs at 105°C.
- Suitable for application of mother board, computer peripheral etc.

Specifications

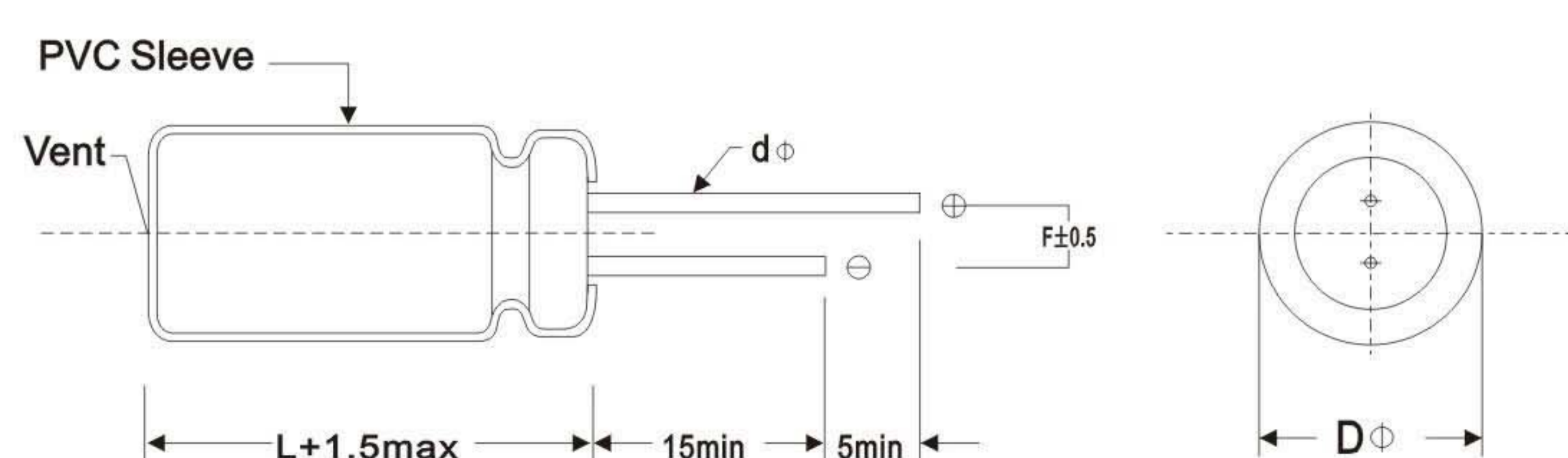
No	Item	Performance Characteristics																					
1	使用温度範圍 Operating Temperature Range	-40~ +105°C																					
2	定格電壓範圍 Rated Voltage Range	6.3~50V																					
3	靜電容量範圍 Capacitance Range	47 to 3300uF																					
4	靜電容量容許差 Capacitance Tolerance	±20%(20°C, 120Hz)																					
5	漏電電流 Leakage Current(+20°C,max)	$I \leq 0.01CV$ or $3 \mu A$ (after 2 minutes) I: Leakage Current(μA). C:Capacitance(μF), V: Rated Voltage(V)																					
6	損失角 Dissipation Factor($\tan \delta$)	<table border="1"> <thead> <tr> <th>Rated Voltage (V)</th> <th>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> </tr> </thead> <tbody> <tr> <td>D.F. (%)Max</td> <td>22</td> <td>19</td> <td>16</td> <td>14</td> <td>12</td> <td>10</td> </tr> </tbody> </table> Max(20°C,120Hz) For nominal capacitance larger than 1000 μF , $\tan \delta$ should add 2% to the value listed above, for every 1000 μF increase.	Rated Voltage (V)	6.3	10	16	25	35	50	D.F. (%)Max	22	19	16	14	12	10							
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Ripple Current Multiplier

Frequency \ Cap	120Hz	1KHz	10KHz	100KHz
100 ~ 330 μF	0.40	0.75	0.93	1.00
390 ~ 1,000 μF	0.50	0.85	0.95	1.00
1,200 ~ 3,300 μF	0.55	0.90	0.98	1.00

Outline drawing:(Unit:mm)



(Unit:mm)

Dφ	8	10	13	16	18
F	3.5	5.0	5.0	7.5	7.5
dφ	0.5	0.6	0.6	0.8	0.8