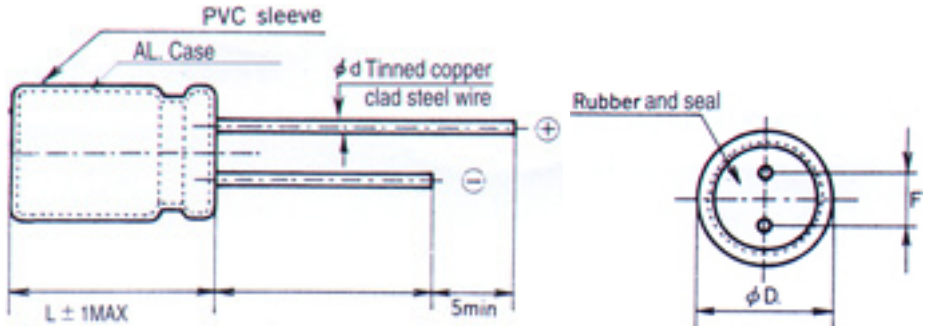
SSK 系　　列　超小型品
Series Ultra Miniature Size

<table>
<tr><th>項目　　Item</th><th>特性 Characteristics</th></tr>
<tr><td>使用溫度範圍
Operating
Temperature Range</td><td>- 40 ~ 105℃</td></tr>
<tr><td>額定電壓範圍
Rated Working
Voltage Range</td><td>10V ~ 63V DC</td></tr>
<tr><td>靜電容量容許差
Capacitance
Tolerance
(120Hz, 25℃)</td><td>±20% (M)</td></tr>
<tr><td>洩漏電流
Leakage Current
(25℃)</td><td>I ≦ 0.01CV + 3 (μA)
I : Leakage Current (μA)　C : Rated Capacitance (μF)　V : Working Voltage (V)
After 5 minutes applying the DC working Voltage</td></tr>
<tr><td>突波電壓
Surge Voltage (25℃)</td><td>
<table>
<tr><td>W.V.</td><td>6.3</td><td>10</td><td>16</td><td>25</td><td>35</td><td>50</td><td>63</td></tr>
<tr><td>S.V.</td><td>8</td><td>13</td><td>20</td><td>32</td><td>44</td><td>63</td><td>79</td></tr>
</table>
</td></tr>
<tr><td>散逸因素
(Tan. θ)
Dissipation Factor
(120Hz, 25℃)</td><td>
<table>
<tr><td>W.V.</td><td>6.3</td><td>10</td><td>16</td><td>25</td><td>35</td><td>50</td><td>63</td></tr>
<tr><td>Tan. θ</td><td>0.25</td><td>0.20</td><td>0.17</td><td>0.15</td><td>0.12</td><td>0.10</td><td>0.10</td></tr>
</table>
For capacitance exceeding 1000 μF, add 0.02 per increment of 1000 μF
</td></tr>
<tr><td>溫度特性
Temperature
Characteristics</td><td>
<table>
<tr><td>W.V.</td><td>6.3</td><td>10</td><td>16</td><td>25</td><td>35</td><td>50</td><td>63</td></tr>
<tr><td>-25℃ /+25℃</td><td>6</td><td>4</td><td>3</td><td>3</td><td>2</td><td>2</td><td>2</td></tr>
<tr><td>-40℃ /+25</td><td>10</td><td>8</td><td>6</td><td>4</td><td>3</td><td>3</td><td>3</td></tr>
</table>
Impedance ratio at 120HZ
</td></tr>
<tr><td>高溫負荷特性
Load Test</td><td>After 2000 hours application of W.V. at +105℃
the capacitor shall meet he following limits
<table>
<tr><td>Capacitance change</td><td>≦ ± 20% of initial value</td></tr>
<tr><td>Tan. θ</td><td>≦ ± 200% of initial specified value</td></tr>
<tr><td>Leakage current</td><td>≦ initial specified value</td></tr>
</table>
</td></tr>
<tr><td>放置特性
Shelf Test</td><td>After 500 hours application of W.V. at +105℃
the capacitor shall meet he following limits
<table>
<tr><td>Capacitance change</td><td>≦ ± 20% of initial value</td></tr>
<tr><td>Tan. θ</td><td>≦ 200% of initial specified value</td></tr>
<tr><td>Leakage current</td><td>≦ 200% of initial specified value</td></tr>
</table>
</td></tr>
</table>

SSK 尺 寸 圖 Dimension



Unit (mm)

D	4	5	6	8
F ± 0.5	1.5	2	2.5	3.5
d ± 0.02	0.45	0.45	0.45	0.5

D x L (m/m)

WV / μF	4		6.3		10		16		25		35		50	
0.1													4*5	1
0.22	尺寸 Dimension : ⌀ D x L (mm)												4*5	2
0.33	紋波電流 Ripple Current : mA (rms) at 120Hz 105℃												4*5	3
0.47													4*5	4
1													4*5	8
2.2													4*5	14
3.3													4*5	16
4.7									4*5	14	4*5	16	5*5	20
10					4*5	20	4*5	22	5*5	24	5*5	26	6*5	36
22			4*5	24	5*5	28	5*5	36	6*5	46	6*5	48		
33	4*5	24	5*5	34	5*5	42	6*5	52	6*5	58				
47	4*5	36	5*5	40	5*5	56	6*5	62						
100	5*5	46	6*5	66	6*5	72								
220	6*5	54												