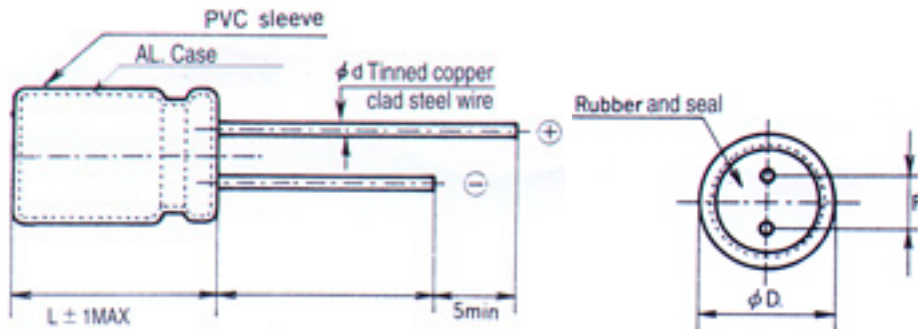


超小型品 Ultra Miniature Size

項目 Item	特性 Characteristics																								
使用溫度範圍 Operating Temperature Range	- 40 ~ 105°C																								
額定電壓範圍 Rated Working Voltage Range	10V ~ 63V DC																								
靜電容量容許差 Capacitance Tolerance (120Hz, 25°C)	±20% (M)																								
洩漏電流 Leakage Current (25°C)	$I \leq 0.01CV + 3 (\mu A)$ I : Leakage Current (μA) C : Rated Capacitance (μF) V : Working Voltage (V) After 5 minutes applying the DC working Voltage																								
突波電壓 Surge Voltage (25°C)	<table border="1" style="width: 100%; text-align: center; border-collapse: collapse;"> <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>	W.V.	6.3	10	16	25	35	50	63	S.V.	8	13	20	32	44	63	79								
W.V.	6.3	10	16	25	35	50	63																		
S.V.	8	13	20	32	44	63	79																		
散逸因素 (Tan. θ) Dissipation Factor (120Hz, 25°C)	<table border="1" style="width: 100%; text-align: center; border-collapse: collapse;"> <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	W.V.	6.3	10	16	25	35	50	63	Tan. θ	0.25	0.20	0.17	0.15	0.12	0.10	0.10								
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溫度特性 Temperature Characteristics	<table border="1" style="width: 100%; text-align: center; border-collapse: collapse;"> <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°C /+25°C</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°C /+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	W.V.	6.3	10	16	25	35	50	63	-25°C /+25°C	6	4	3	3	2	2	2	-40°C /+25	10	8	6	4	3	3	3
W.V.	6.3	10	16	25	35	50	63																		
-25°C /+25°C	6	4	3	3	2	2	2																		
-40°C /+25	10	8	6	4	3	3	3																		
高溫負荷特性 Load Test	After 2000 hours application of W.V. at +105°C the capacitor shall meet he following limits <table border="1" style="width: 100%; border-collapse: collapse;"> <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>	Capacitance change	≤ ± 20% of initial value	Tan. θ	≤ ± 200% of initial specified value	Leakage current	≤ initial specified value																		
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放置特性 Shelf Test	After 500 hours application of W.V. at +105°C the capacitor shall meet he following limits <table border="1" style="width: 100%; border-collapse: collapse;"> <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>	Capacitance change	≤ ± 20% of initial value	Tan. θ	≤ 200% of initial specified value	Leakage current	≤ 200% of initial specified value																		
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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)

μF \ WV	D x L (m/m)																				
	4		6.3		10		16		25		35		50								
0.1												4*5	1								
0.22	尺寸 Dimension : ϕ D x L (mm)											4*5	2								
0.33	紋波電流 Ripple Current : mA (rms) at 120Hz 105°C											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																			