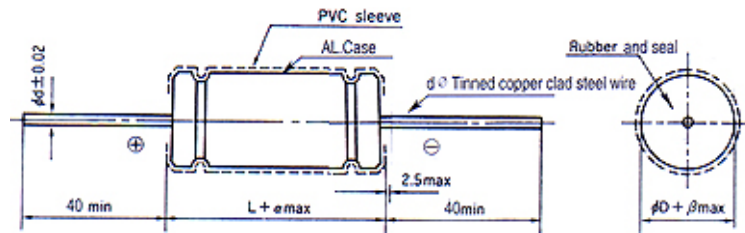


無 極 性 品

Non-Polarized at 120HZ

項目 Item	特性 Characteristics												
使用溫度範圍 Operating Temperature Range	- 40 ~ 85℃												
額定電壓範圍 Rated Working Voltage Range	50V ~ 100V DC												
靜電容量容許差 Capacitance Tolerance (120Hz, 25℃)	±20% (M)												
洩漏電流 Leakage Current (25℃)	$I \leq 0.04CV + 10 (\mu A)$ 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℃)	<table><tr><td>W.V.</td><td>50</td><td>63</td><td>100</td></tr><tr><td>S.V.</td><td>63</td><td>79</td><td>125</td></tr></table>	W.V.	50	63	100	S.V.	63	79	125				
W.V.	50	63	100										
S.V.	63	79	125										
散逸因素 (Tan. θ) Dissipation Factor (120Hz, 25℃)	<table><tr><td>W.V.</td><td>50</td><td>63</td><td>100</td></tr><tr><td>Tan. θ</td><td>0.12</td><td>0.12</td><td>0.10</td></tr></table>	W.V.	50	63	100	Tan. θ	0.12	0.12	0.10				
W.V.	50	63	100										
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溫度特性 Temperature Characteristics	<table><tr><td>W.V.</td><td>50</td><td>63</td><td>100</td></tr><tr><td>-25℃ /+25℃</td><td>2</td><td>2</td><td>2</td></tr><tr><td>-40℃ /+25</td><td>3</td><td>3</td><td>3</td></tr></table> Impedance ratio at 120HZ	W.V.	50	63	100	-25℃ /+25℃	2	2	2	-40℃ /+25	3	3	3
W.V.	50	63	100										
-25℃ /+25℃	2	2	2										
-40℃ /+25	3	3	3										
高溫負荷特性 Load Test	After 1000 hours application of W.V. at +85℃ the capacitor shall meet he following limits <table><tr><td>Capacitance change</td><td>≤ ± 25% 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	≤ ± 25% of initial value	Tan. θ	≤ ± 200% of initial specified value	Leakage current	≤ initial specified value						
Capacitance change	≤ ± 25% of initial value												
Tan. θ	≤ ± 200% of initial specified value												
Leakage current	≤ initial specified value												
放置特性 Shelf Test	After 500 hours application of W.V. at +105℃ the capacitor shall meet he following limits <table><tr><td>Capacitance change</td><td>≤ ± 25% 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	≤ ± 25% of initial value	Tan. θ	≤ 200% of initial specified value	Leakage current	≤ 200% of initial specified value						
Capacitance change	≤ ± 25% of initial value												
Tan. θ	≤ 200% of initial specified value												
Leakage current	≤ 200% of initial specified value												

尺寸圖 Dimension



$L = 16 \rightarrow \alpha = 1$	$\phi D \leq 10 \rightarrow \beta = 0.5$
$L > 16 \rightarrow \alpha = 2$	$\phi D > 10 \rightarrow \beta = 1.0$

D	6	8	10	13	16	18
$d \pm 0.02$	0.5	0.5	0.6	0.6	0.8	0.8

Unit (mm)

D x L (m/m)

μF \ WV	50		63		100	
1	6*16	16	6*16	19	6*16	19
2.2	6*16	23	6*16	25	6*16	30
3.3	6*16	31	6*16	32	6*16	39
4.7	6*16	39	6*16	40	8*17	45
10	6*16	67	6*16	70	8*17	95
22	8*17	109	10*18	124	10*25	171
33	10*21	143	10*25	166	13*25	210
47	10*25	181	13*25	219	13*31	276
100	13*25	295	13*31	390	16*32	485
220	13*31	542	16*32	627		
330	16*32	751	16*37	770		
470	16*37	790	18*37	950		