

- Miniaturized, Long Life.
- 小型化尺寸、長壽命

■ SPECIFICATIONS 規格表

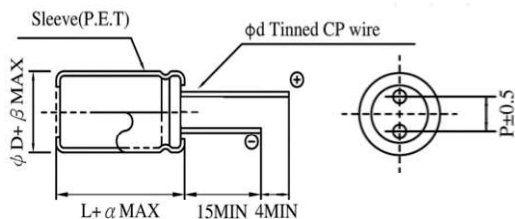
Item	Performance Characteristics 特性																										
Operating Temperature Range 工作溫度範圍	-40 ~ +105℃																										
Voltage Range 額定電壓範圍	10 ~ 100V																										
Capacitance Tolerance 靜電容量容許差	±20% at 120Hz,20℃																										
Leakage Current 漏電流	After 2 minutes application of rated voltage, leakage current is lower than 0.01CV or 3(μA), whichever is greater. I = 0.01CV或3 (μA) 以下 (2分鐘) I = Leakage Current (漏電流) C = Capacitance (靜電容量) V = Rated Voltage (額定電壓)																										
Tangent of loss angle 損失角正切值	<table><tr><td>Rated voltage (V) 額定電壓</td><td>10</td><td>16</td><td>25</td><td>35</td><td>50</td><td>63</td><td>100</td></tr><tr><td>Tanδ (MAX)</td><td>0.45</td><td>0.35</td><td>0.30</td><td>0.22</td><td>0.19</td><td>0.17</td><td>0.15</td></tr></table>								Rated voltage (V) 額定電壓	10	16	25	35	50	63	100	Tanδ (MAX)	0.45	0.35	0.30	0.22	0.19	0.17	0.15			
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	Tanδ (MAX)	0.45	0.35	0.30	0.22	0.19	0.17	0.15																			
(Frequency : 120Hz , Temperature : 20℃)																											
Stability at Low Temperature 溫度特性	<table><tr><td colspan="2">Rated voltage (V)</td><td>10</td><td>16</td><td>25</td><td>35</td><td>50</td><td>63</td><td>100</td></tr><tr><td>Impedance Ratio 阻抗比</td><td rowspan="2">Z-40℃/Z+20℃</td><td>10</td><td>8</td><td>6</td><td>6</td><td>4</td><td>4</td><td>4</td></tr><tr><td>ZT/Z 20 (MAX)</td></tr></table>								Rated voltage (V)		10	16	25	35	50	63	100	Impedance Ratio 阻抗比	Z-40℃/Z+20℃	10	8	6	6	4	4	4	ZT/Z 20 (MAX)
	Rated voltage (V)		10	16	25	35	50	63	100																		
	Impedance Ratio 阻抗比	Z-40℃/Z+20℃	10	8	6	6	4	4	4																		
ZT/Z 20 (MAX)																											
(Frequency:120Hz)																											
Endurance 耐久性	After applying rated voltage with rated ripple current for 10000 hours at 105℃, the capacitors shall meet the following requirements. 在105℃環境中，不超過額定電壓的範圍內疊加額定紋波電流，連續加載10000小時後，滿足下列各項要求																										
	Capacitance Change 靜電容量變化率		Within ±25% of initial Value 初期值的±25%以內																								
	Tangent of loss angle (Tanδ) 損失角正切值		Not exceeding 200% of initial specified value 規格值200%以下																								
	Leakage current 漏電流		Not exceeding of initial specified value 規格值以下																								
Shelf Life 高溫無負荷	After storing the capacitors under no load at 105 °C for 1000 hours and then performing voltage treatment based on JIS C 5101-4 clause 4.1 at 20 °C, they shall meet the specified values for the endurance characteristics listed above. 在105℃下無負荷放置1000小時後，在20 °C下依據JIS C 5101-4 4.1項進行電壓處理後，將滿足以上耐久性的特性值																										

■ Frequency Coefficient of Allowable Ripple Current 容許紋波電流的頻率係數

V	Frequency	120Hz	1KHz	10KHz	100KHz ~
	Cap(μF)				
10~100	0.47~10	0.42	0.60	0.80	1.00
	22~33	0.55	0.75	0.90	1.00
	47~330	0.70	0.85	0.95	1.00

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■ RADIAL LEAD TYPE 尺寸圖



ΦD	5	6.3	8
P	2.0	2.5	3.5
Φd	0.5	0.5	0.6
β	0.5	0.5	0.5
α	L < 20 : 1.5		
	L ≥ 20 : 2.0		

■ DIMENSIONS 尺寸

Rated Ripple Current(mA r.m.s. at 105°C,100KHz)

W.V S.V	Item	10V 13V		16V 20V		25V 32V		35V 44V	
		Size D x L(mm)	Ripple	Size D x L(mm)	Ripple	Size D x L(mm)	Ripple	Size D x L(mm)	Ripple
33						5 x 11	130	5 x 11	130
47						5 x 11	130	6.3 x 11	210
100		5 x 11	130	6.3 x 11	210	6.3 x 11	210	8 x 11.5	330
220		6.3 x 11	210	8 x 11.5	330				
330		8 x 11.5	330						

■ DIMENSIONS 尺寸

Rated Ripple Current(mA r.m.s. at 105°C,100KHz)

W.V S.V	Item	50V 63V		63V 79V		100V 125V	
		Size D x L(mm)	Ripple	Size D x L(mm)	Ripple	Size D x L(mm)	Ripple
0.47		5 x 11	12			5 x 11	20
1		5 x 11	25			5 x 11	40
2.2		5 x 11	35			5 x 11	50
3.3		5 x 11	70			5 x 11	60
4.7		5 x 11	80			5 x 11	70
10		5 x 11	90	5 x 11	120	6.3 x 11	150
22		5 x 11	110	6.3 x 11	170	8 x 11.5	230
33		6.3 x 11	190	6.3 x 11	170		
47		6.3 x 11	190	8 x 11.5	240		
100		8 x 11.5	270				