

- With 7mm height, Wide Temperature Range.
- 高度7毫米、寬溫度範圍

■ SPECIFICATIONS 規格表

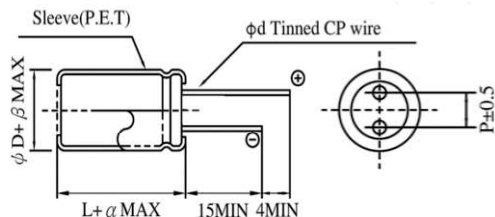
Item	Performance Characteristics 特性							
Operating Temperature Range 工作溫度範圍	-40 ~ +105℃							
Voltage Range 額定電壓範圍	6.3 ~ 50V							
Capacitance Tolerance 靜電容量容許差	±20% at 120Hz,20℃							
Leakage Current 漏電流	After 2 minutes application of rated Voltage, leakage current is lower than 0.01CV or 3(μA), 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	Rated voltage (V) 額定電壓	6.3	10	16	25	35	50	
	Tanδ (MAX)	0.22	0.19	0.16	0.14	0.12	0.10	
(Frequency : 120Hz , Temperature : 20℃)								
Stability at Low Temperature 溫度特性	Rated voltage (V)		6.3	10	16	25	35	50
	Impedance Ratio 阻抗比	Z-25℃/Z+20℃	3	2	2	2	2	2
		ZT/Z 20 (MAX)	Z-40℃/Z+20℃	6	5	4	3	3
(Frequency:120Hz)								
Endurance 耐久性	After applying rated voltage with rated ripple current for 1000 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1000小時後，滿足下列各項要求							
	Capacitance Change 靜電容量變化率	Within ±20% of initial Value 初期值的±20%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 ℃ for 1000 hours and then performing voltage treatment based on JIS C 5101-4 clause 4.1 at 20 ℃, 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 ℃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

Frequency 頻率	120Hz	300Hz	1KHz	10KHz ~
Coefficient 係數	1.00	1.17	1.36	1.50

- With 7mm height, Wide Temperature Range.
- 高度7毫米・寬溫度範圍

■ RADIAL LEAD TYPE 尺寸圖



ΦD	4	6.3
P	1.5	2.5
Φd	0.45	0.45
β	0.5	0.5
α	1.0	

■ DIMENSIONS 尺寸

Rated Ripple Current(mA r.m.s. at 105°C,120Hz)

W.V		6.3V		10V		16V		25V		35V		50V	
S.V		8V		13V		20V		32V		44V		63V	
Cap(μF)	Item	Size D x L (mm)	Ripple	Size D x L (mm)	Ripple	Size D x L (mm)	Ripple	Size D x L (mm)	Ripple	Size D x L (mm)	Ripple	Size D x L (mm)	Ripple
0.1												4 x 7	1.0
0.22												4 x 7	2.3
0.33												4 x 7	3.5
0.47												4 x 7	5.0
1												4 x 7	10
2.2												4 x 7	19
3.3												4 x 7	24
4.7						4 x 7	24			4 x 7	24	4 x 7	24
10						4 x 7	29	4 x 7	26			6.3 x 7	44
22	4 x 7	34						6.3 x 7	51	6.3 x 7	57	6.3 x 7	51
33						6.3 x 7	57	6.3 x 7	63				
47				6.3 x 7	59	6.3 x 7	68	6.3 x 7	77				
100	6.3 x 7	77		6.3 x 7	93	6.3 x 7	98						
150	6.3 x 7	106											
220	6.3 x 7	129											