

- With 7mm height, Long Life.
- 高度7毫米、長壽命

■ SPECIFICATIONS 規格表

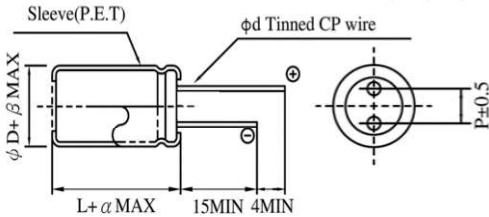
Item	Performance Characteristics 特性							
Operating Temperature Range 工作溫度範圍	-40 ~ +105°C							
Voltage Range 額定電壓範圍	6.3 ~ 50V							
Capacitance Tolerance 靜電容量容許差	±20% at 120Hz,20°C							
Leakage Current 漏電流	After 2 minutes application of rated Voltage, leakage current is lower than 0.01CV or 3(μA), 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)	0.40	0.35	0.30	0.25	0.20	0.20	
	(Frequency : 120Hz , Temperature : 20°C)							
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°C/Z+20°C	6	4	4	3	2	2
		ZT/Z 20 (MAX)	Z-40°C/Z+20°C	12	10	8	6	4
(Frequency:120Hz)								
Endurance 耐久性	After applying rated voltage with rated ripple current for 5000 hours at 105 °C, the capacitors shall meet the following requirements. 在105°C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5000小時後，滿足下列各項要求							
	Capacitance Change 靜電容量變化率		Within ±30% of initial Value 初期值的±30%以內					
	Tangent of loss angle (Tanδ) 損失角正切值		Not exceeding 300% of initial specified value 規格值300%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°C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

Frequency 頻率	Cap(μF)	50(60)Hz	120Hz	500Hz	1KHz	10KHz ~
Coefficient 係數	1	0.50	1.00	1.20	1.30	1.50
	2.2~4.7	0.65	1.00	1.20	1.30	1.50
	10~47	0.80	1.00	1.20	1.30	1.50
	100~220	0.80	1.00	1.10	1.15	1.20

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■ 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 S.V	6.3V 8V		10V 13V		16V 20V		25V 32V		35V 44V		50V 63V	
	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
Item Cap(μF)												
1											4 x 7	10
2.2											4 x 7	16
3.3											4 x 7	20
4.7					4 x 7	22			4 x 7	22	4 x 7	22
10					4 x 7	25	4 x 7	25			6.3 x 7	40
22	4 x 7	25					6.3 x 7	50	6.3 x 7	55	6.3 x 7	62
33					6.3 x 7	55	6.3 x 7	60	6.3 x 7	60		
47			6.3 x 7	55	6.3 x 7	65	6.3 x 7	75				
100	6.3 x 7	85	6.3 x 7	90	6.3 x 7	95						
150	6.3 x 7	95										
220	6.3 x 7	110										