

- Snap-in type
- Load life of 5000 hours at 105°C.
- 105°C 壽命:5000小時

■ SPECIFICATIONS 規格表

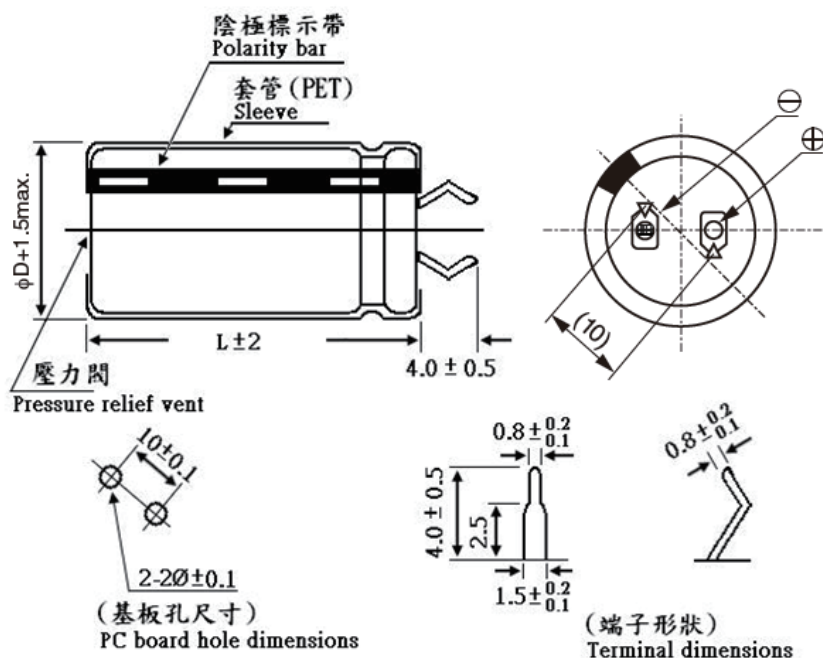
Item	Performance Characteristics 特性				
Operating Temperature Range 工作溫度範圍	- 25~+ 105℃				
Voltage Range 額定電壓範圍	160~550V				
Capacitance Tolerance 靜電容量容許差	±20% at 120Hz,20℃				
Leakage Current 漏電流	After 5 minutes application of rated voltage, leakage current is lower than $3\sqrt{CV}(\mu A)$. $I=3\sqrt{CV}(\mu A)$ 以下 (5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	160~400	420~500	550	
	Tanδ (MAX)	0.15	0.20	0.25	
(Frequency : 120Hz , Temperature : 20℃)					
Stability at Low Temperature 溫度特性	Rated voltage (V)		160~250	315~450	500~550
	Impedance Ratio 阻抗比	Z-25℃/Z+20℃	4	8	10
	ZT/Z 20 (MAX)				
(Frequency:120Hz)					
Endurance 耐久性	After applying rated voltage with rated ripple current for 5000 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 5000 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		50Hz	120Hz	300Hz	1KHz	10KHz	50KHz~
Coefficient 係數	160~250V	0.81	1.00	1.17	1.32	1.45	1.50
	315~550V	0.77	1.00	1.16	1.30	1.41	1.43

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■ DIMENSIONS 尺寸圖



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

W.V	160V		180V		200V	
S.V	200V		230V		250V	
Cap(μF)\Item	Size D x L(mm)	Ripple	Size D x L(mm)	Ripple	Size D x L(mm)	Ripple
270					22 x 25	1100
330			22 x 25	1210	22 x 25	1100
390	22 x 25	1320			22 x 30	1380
470			22 x 30	1520	22 x 35	1550
			25 x 25	1520	25 x 25	1390
560	22 x 30	1660	22 x 35	1700	22 x 35	1550
	25 x 25	1680	30 x 25	1780	25 x 30	1710
680	22 x 35	1870	22 x 40	1910	22 x 40	1730
	30 x 25	1960	25 x 30	1880	25 x 35	1870
820	22 x 40	2090	22 x 45	1990	22 x 50	2180
			25 x 35	2160	25 x 40	2090
1000	22 x 45	2360	22 x 50	2250	25 x 45	2350
	25 x 35	2380	25 x 40	2430	30 x 35	2220
	30 x 30	2400	30 x 35	2460	35 x 30	2610
1200	25 x 40	2660	25 x 50	2750	25 x 50	2400
	30 x 35	2690	30 x 40	2770	30 x 40	2530
	35 x 30	2860	35 x 30	2860	35 x 35	2880
1500	25 x 50	3080	30 x 45	3170	30 x 50	3000
	30 x 45	3170	35 x 35	3220	35 x 40	3080
1800	30 x 50	3530	35 x 40	3660	35 x 45	3280
	35 x 40	3660	35 x 45	3740		
2200	35 x 45	4140	35 x 50	4220	35 x 50	3450
2700	35 x 50	4680				

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

W.V	220V		250V		315V	
S.V	270V		300V		365V	
Item Cap(μF)	Size D x L(mm)	Ripple	Size D x L(mm)	Ripple	Size D x L(mm)	Ripple
150					22 x 25	800
180					22 x 30	920
220			22 x 25	1010	22 x 35	1040
270	22 x 25	1100	22 x 25	1010	22 x 40	1180
330	22 x 30	1190	22 x 30	1200	22 x 45	1330
			25 x 25	1320	25 x 35	1370
390	25 x 25	1390	22 x 35	1440	22 x 50	1480
			25 x 30	1430	25 x 40	1520
470	22 x 35	1550	22 x 40	1620	25 x 45	1700
	25 x 30	1560	25 x 35	1600	30 x 35	1710
	30 x 25	1630	30 x 25	1510	35 x 30	1820
560	22 x 40	1730	22 x 45	1800	25 x 50	1880
	30 x 30	1790	25 x 35	1780	30 x 40	1920
680	22 x 45	1940	22 x 50	2000	30 x 50	2210
	25 x 35	1960	25 x 40	2000	35 x 40	2290
	30 x 35	2020	30 x 35	2060		
820	25 x 40	2200	25 x 45	2150	35 x 45	2570
	30 x 40	2290	30 x 35	2060		
	35 x 30	2360	35 x 30	2150		
1000	25 x 50	2510	30 x 40	2330	35 x 50	2890
	30 x 45	2590	35 x 35	2380		
	35 x 35	2630				
1200	30 x 50	2880	30 x 50	2680		
1500	35 x 45	3410	35 x 45	3050		
1800	35 x 50	3820	35 x 50	3300		

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

W.V	350V		400V		420V	
S.V	400V		450V		470V	
Item Cap(μF)	Size D x L(mm)	Ripple	Size D x L(mm)	Ripple	Size D x L(mm)	Ripple
100			22 x 25	660	22 x 25	660
120	22 x 25	720	22 x 30	750	22 x 30	750
150	22 x 30	840	22 x 35	860	22 x 35	860
			25 x 25	860		
180	25 x 25	940	22 x 35	860	22 x 40	960
			25 x 30	970	25 x 30	970
220	22 x 35	1040	22 x 45	1090	22 x 50	1110
	25 x 30	1070	25 x 35	1120	25 x 40	1140
270	22 x 45	1200	22 x 50	1230	25 x 45	1290
	25 x 35	1240	25 x 40	1260	30 x 35	1300
			30 x 30	1270	35 x 30	1380
330	22 x 50	1360	25 x 45	1300	25 x 50	1440
	25 x 40	1390	30 x 35	1430	30 x 40	1480
	30 x 35	1430			35 x 35	1540
390	25 x 45	1550	25 x 50	1440	30 x 45	1640
	30 x 40	1600	30 x 40	1600	35 x 40	1730
470	25 x 50	1720	30 x 45	1810	30 x 50	1840
	30 x 45	1810	35 x 35	1670	35 x 45	1940
560	30 x 50	2000	35 x 40	1900	35 x 50	2170
	35 x 40	2070				
680	35 x 45	2340	35 x 45	2120		
820	35 x 50	2620				

W.V	450V		500V		550V	
S.V	500V		550V		600V	
Cap(μF)\nItem	Size\nD x L(mm)	Ripple	Size\nD x L(mm)	Ripple	Size\nD x L(mm)	Ripple
56			22 x 25	560		
68			22 x 30	590		
82	22 x 25	590	22 x 35	720		
100	22 x 30	690	22 x 40	770		
	25 x 25	700				
120	22 x 35	770	22 x 50	930		
	25 x 30	880				
150	22 x 40	880	25 x 45	1080		
	25 x 30	880				
	30 x 25	930				
180	22 x 45	900	25 x 50	1200	30 x 50	1030
	25 x 35	920				
	30 x 30	1030				
220	25 x 40	1030	30 x 45	1330	30 x 60	1360
270	25 x 50	1310	30 x 50	1500	35 x 50	1430
330	30 x 45	1510	35 x 45	1600	35x 60	1630
390	30 x 50	1670	35 x 50	1780		
470	35 x 45	1830	35 x 60	2030		
560	35 x 50	1980				