

- Snap-in type
- Load life of 3000 hours at 105°C.
- 105°C 壽命:3000小時

■ **SPECIFICATIONS 規格表**

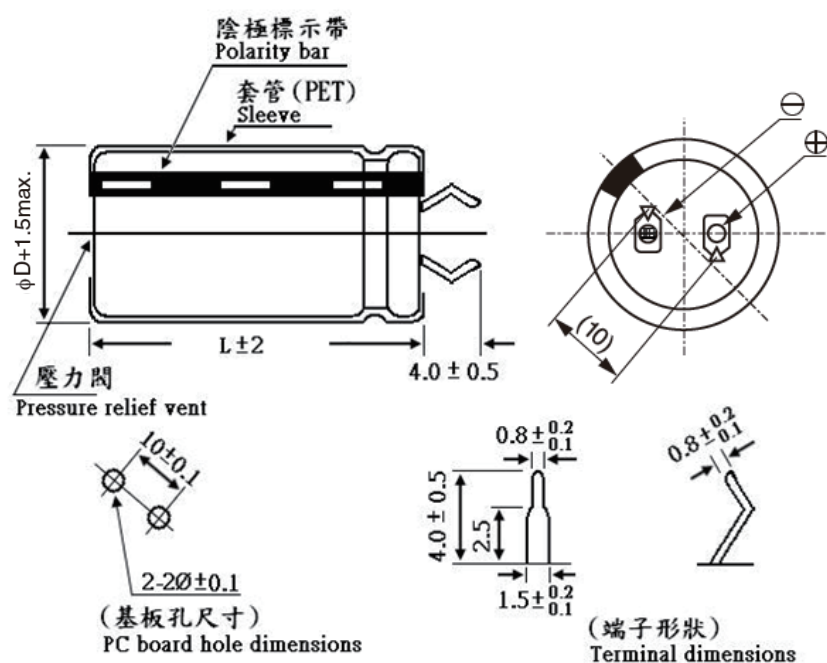
Item	Performance Characteristics 特性			
Operating Temperature Range 工作溫度範圍	- 40~+ 105℃ (160~250V), - 25~+ 105℃ (315~550V)			
Voltage Range 額定電壓範圍	160~550V			
Capacitance Tolerance 靜電容量容許差	±20% at 120Hz,20℃			
Leakage Current 漏電流	After 5 minutes application of rated voltage, leakage current is lower than $3\sqrt{CV}$ (μA). $I=3\sqrt{CV}$ (μA) 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
	Impedance Ratio 阻抗比		4	8
	ZT/Z 20 (MAX)		12	—
(Frequency:120Hz)				
Endurance 耐久性	After applying rated voltage with rated ripple current for 3000 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 3000 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)	Size D x L(mm)	Ripple	Size D x L(mm)	Ripple	Size D x L(mm)	Ripple
270			22 x 25	1000	22 x 25	1100
330	22 x 25	1300	22 x 25	1200	22 x 30	1250
390	22 x 25	1300	22 x 30	1350	22 x 30	1350
			25 x 25	1350	25 x 25	1350
470	22 x 30	1550	22 x 35	1500	22 x 35	1500
	25 x 25	1550	25 x 30	1500	25 x 30	1500
560	22 x 35	1670	22 x 40	1670	22 x 40	1670
	25 x 30	1670	25 x 30	1670	25 x 30	1670
	30 x 25	1670	30 x 25	1670	30 x 25	1670
680	22 x 40	1820	22 x 45	1780	22 x 45	1780
	25 x 30	1820	25 x 35	1780	25 x 35	1780
	30 x 25	1820	30 x 30	1780	30 x 30	1780
820	22 x 45	2040	22 x 50	2040	25 x 45	2040
	25 x 35	2040	25 x 40	2040	30 x 30	2040
	30 x 30	2040	30 x 30	2040	35 x 25	2040
1000	22 x 50	2250	25 x 45	2300	25 x 50	2300
	25 x 40	2250	30 x 35	2300	30 x 35	2300
	30 x 30	2250	35 x 30	2300	35 x 30	2300
1200	25 x 45	2490	25 x 50	2550	30 x 40	2650
	30 x 35	2490	30 x 40	2550	35 x 35	2650
	35 x 30	2490	35 x 30	2550		
1500	30 x 40	2840	30 x 45	2900	30 x 50	3080
	35 x 30	2840	35 x 35	2900	35 x 40	3080
1800	30 x 45	3320	35 x 40	3300	35 x 45	3480
2200	35 x 45	3500	35 x 50	3650	35 x 50	3780
2700	35 x 50	4000	35 x 60	4190		
3300	35 x 60	4630				

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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
100					22 x 25	610
120					22 x 25	750
150					22 x 30	820
					25 x 25	820
180			22 x 25	780	22 x 35	920
					25 x 25	920
220	22 x 25	1000	22 x 25	1000	22 x 40	1040
					25 x 30	1040
270	22 x 30	1150	22 x 30	1180	22 x 45	1160
			25 x 25	1180	25 x 35	1160
330	22 x 35	1250	22 x 35	1300	22 x 50	1330
	25 x 25	1250	25 x 30	1300	25 x 40	1330
390	22 x 35	1400	22 x 40	1490	25 x 45	1470
	25 x 30	1400	25 x 35	1490	30 x 35	1470
470	22 x 40	1450	22 x 45	1650	25 x 50	1700
	25 x 35	1450	25 x 40	1650	30 x 40	1700
	30 x 25	1450	30 x 30	1650	35 x 30	1700
560	22 x 45	1700	22 x 50	1670	30 x 45	2050
	25 x 40	1700	25 x 45	1800	35 x 35	2050
	30 x 30	1700	35 x 25	1800		
680	25 x 45	1780	25 x 50	2000	30 x 50	2170
	30 x 35	1780	30 x 40	2000	35 x 40	2170
	35 x 25	1780	35 x 30	2000		
820	25 x 50	2100	30 x 40	2300	35 x 45	2200
	30 x 40	2100	35 x 35	2300		
	35 x 30	2100				
1000	35 x 45	2400	30 x 50	2470	35 x 60	2550
	35 x 35	2400	35 x 40	2470		
1200	30 x 50	2600	35 x 45	2600		
	35 x 40	2600				
1500	35 x 45	3000	35 x 50	3000		
1800	35 x 50	3400	35 x 60	3420		
2200	35 x 60	4000				

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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
68			22 x 25	500	22 x 25	500
82	22 x 25	550	22 x 25	640	22 x 25	640
100	22 x 25	690	22 x 30	700	22 x 30	700
	30 x 20	600	25 x 25	700	25 x 25	700
120	22 x 30	750	22 x 35	750	22 x 35	750
	25 x 25	750	25 x 25	750	25 x 30	750
150	22 x 35	820	22 x 40	880	22 x 40	880
	25 x 30	830	25 x 30	880	25 x 35	880
180	22 x 40	920	22 x 45	980	22 x 45	950
	25 x 30	920	25 x 35	980	25 x 35	950
220	22 x 45	1050	22 x 50	1100	22 x 50	1100
	25 x 35	1040	25 x 40	1100	25 x 45	1100
	30 x 30	1020	30 x 30	1100	30 x 35	1100
270	22 x 50	1160	25 x 45	1220	25 x 50	1220
	25 x 40	1180	30 x 35	1220	30 x 40	1220
	30 x 30	1170	35 x 30	1220	35 x 30	1220
330	25 x 45	1290	25 x 50	1440	30 x 45	1450
	30 x 35	1340	30 x 40	1440	35 x 35	1450
	35 x 30	1220	35 x 30	1440		
390	25 x 50	1510	30 x 45	1600	30 x 50	1550
	30 x 40	1510	35 x 35	1600	35 x 40	1550
470	25 x 60	1660	30 x 50	1900	35 x 45	1900
	30 x 45	1650	35 x 40	1900		
560	30 x 50	1850	35 x 45	2120	35 x 50	2150
	35 x 40	1900				
680	35 x 50	2150	35 x 60	2270	35 x 60	2270
820	35 x 60	2310				

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

W.V	450V		500V		550V	
S.V	500V		550V		600V	
Cap(μF)\Item	Size D x L(mm)	Ripple	Size D x L(mm)	Ripple	Size D x L(mm)	Ripple
47			22 x 30	360		
56	22 x 25	400	22 x 35	420		
68	22 x 30	530	22 x 35	510		
82	22 x 30	640	22 x 40	650		
	25 x 45	640				
100	22 x 35	690	22 x 45	690		
	25 x 30	690				
120	22 x 40	800	25 x 40	810		
	25 x 30	800				
	30 x 25	800				
150	22 x 45	880	25 x 50	930		
	25 x 35	880				
	30 x 30	880				
180	22 x 50	1000	30 x 45	1060		
	25 x 40	1000				
	30 x 30	1000				
220	25 x 45	1120	30 x 50	1170	35 x 50	1120
	30 x 35	1120				
	35 x 30	1120				
270	30 x 40	1280	35 x 45	1280	35 x 50	1200
	35 x 35	1280				
330	30 x 50	1450	35 x 50	1450	35 x 50	1300
	35 x 40	1450				
390	35 x 40	1500	35 x 60	1600		
470	35 x 50	1850				
560	35 x 60	1910				