

- High ripple current, Long life 10000 to 12000.
- 高紋波電流、長壽命 10000到12000小時

■ SPECIFICATIONS 規格表

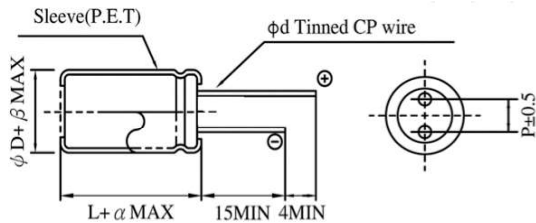
Item	Performance Characteristics 特性							
Operating Temperature Range 工作溫度範圍	-40 ~ +105℃							
Voltage Range 額定電壓範圍	160 ~ 450V							
Capacitance Tolerance 靜電容量容許差	±20% at 120Hz,20℃							
Leakage Current 漏電流	After 1 minute application of rated voltage, leakage current is lower than 0.04CV+100(μA). I = 0.04CV+100 (μA) 以下 (1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	200	250	350	400	450	
	Tanδ (MAX)	0.20	0.20	0.20	0.24	0.24	0.24	
(Frequency : 120Hz , Temperature : 20℃)								
Stability at Low Temperature 溫度特性								
	Rated voltage (V)		160	200	250	350	400	450
	Impedance Ratio 阻抗比 ZT/Z 20 (MAX)	Z-25℃/Z+20℃	4	4	4	4	4	6
(Frequency:120Hz)								
Endurance 耐久性	After applying rated voltage with rated ripple current for specified time 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，連續加載表內時間後，符合下列要求							
	Case size 鋁殼尺寸	Life time 時間(hrs)	Capacitance Change 靜電容量變化率		Within ±20% of initial Value 初期值的±20%以內			
	φD≤10	10000	Tangent of loss angle (Tanδ) 損失角正切值		Not exceeding 200% of initial specified value 規格值200%以下			
	φD≥12.5	12000	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

Frequency 頻率	50Hz	120Hz	1KHz	10KHz	100KHz ~
Coefficient 係數	0.80	1.00	1.80	2.25	2.50

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■ RADIAL LEAD TYPE 尺寸圖



ΦD	10	12.5	16	18
P	5.0	5.0	7.5	7.5
Φd	0.6	※0.6	0.8	0.8
β	0.5	0.5	0.5	0.5
α	L<20 : 1.5			
	L≥20 : 2.0			

※In case L ≥ 35 for the ϕ12.5 dia. unit, lead dia. ϕd = 0.8mm

■ DIMENSIONS 尺寸

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

W.V	160V		200V		250V	
S.V	200V		250V		300V	
Item Cap(μF)	Size D x L(mm)	Ripple	Size D x L(mm)	Ripple	Size D x L(mm)	Ripple
10	10 x 16	180	10 x 16	195	10 x 20	200
22	10 x 20	220	10 x 20	245	10 x 20	260
33	10 x 20	300	10 x 20	325	10 x 25	330
47	10 x 25	400	12.5 x 20	510	12.5 x 25	520
68	12.5 x 20	610	12.5 x 25	670	16 x 20	665
82	12.5 x 25	645	12.5 x 25	680	16 x 25	700
100	12.5 x 30.5	670	16 x 20	725	16 x 30.5	740
	16 x 20	670				
150	16 x 25	950	16 x 25	960	18 x 30.5	1000
220	16 x 30.5	1040	18 x 30.5	1250	18 x 35.5	1250
330	18 x 30.5	1520	18 x 35.5	1600	18 x 45	1700
470	18 x 40	1950	18 x 45	2050	18 x 50	2110
560	18 x 45	2150	18 x 50	2200		

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■ DIMENSIONS 尺寸

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

BX

W.V		350V		400V		450V	
S.V		400V		450V		500V	
Cap(μF)	Item	Size D x L(mm)	Ripple	Size D x L(mm)	Ripple	Size D x L(mm)	Ripple
6.8		10 x 16	140	10 x 16	155	10 x 20	130
10		10 x 20	150	10 x 20	165	12.5 x 20	190
15		10 x 20	205	12.5 x 20	235	12.5 x 25	260
22		12.5 x 20	340	12.5 x 25	380	12.5 x 30.5	310
33		16 x 20	470	16 x 20	480	16 x 25	410
47		16 x 25	560	18 x 20	610	18 x 25	500
56		18 x 25	620	16 x 25	680	16 x 30.5	570
68		16 x 30.5	710	18 x 25	750	18 x 30.5	645
82		18 x 25	780	18 x 30.5	800	18 x 35.5	730
100		18 x 30.5	850	18 x 35.5	950	18 x 40	840
120		18 x 35.5	980	18 x 40	1020	18 x 50	920
150		18 x 40	1100	18 x 45	1250		