

音頻電容用

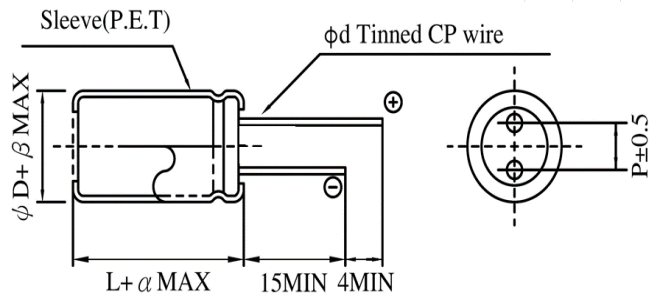
■SPECIFICATIONS 規格表

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 ~ 100V									
Capacitance Tolerance 靜電容量容許差	±20% at 120Hz,20°C									
Leakage Current 漏電流	After 1 minute application of rated voltage, leakage current is lower than 0.03CV or 4(μA), whichever is greater. I = 0.03CV 或 4(μA)以下(1 分鐘) 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	For capacitance of more than 1000 μF, add 0.02 for every increase of 1000 μF 對於超過 1000 μF 產品，每增加 1000 μF，其值增加 0.02									
	Rated voltage (V) 額定電壓	6.3	10	16	25	35	50	63	100	
	Tan δ (MAX)	0.22	0.19	0.16	0.14	0.12	0.10	0.09	0.08	
(Frequency : 120Hz · Temperature : 20°C)										
Stability at Low Temperature 溫度特性	Rated voltage (V)		6.3	10	16	25	35	50	63	100
	Impedance Ratio 阻抗比	Z-25°C/Z+20°C	4	3	2	2	2	2	2	2
	ZT/Z 20 (MAX)	Z-40°C/Z+20°C	8	6	6	3	3	3	3	3
(Frequency:120Hz)										
Endurance 耐久性	After applying rated voltage with rated ripple current for 2000 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 2000 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 (Tan δ) 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 °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

V	Frequency	50Hz	120Hz	300Hz	1KHz	10KHz ~
	Cap(μF)					
6.3~100	0.47~47	0.75	1.00	1.35	1.57	2.00
	100~470	0.80	1.00	1.23	1.34	1.50
	1000~15000	0.85	1.00	1.10	1.13	1.15

■RADIAL LEAD TYPE 尺寸圖



ΦD	5	6.3	8	10	12.5	16	18
P	2.0	2.5	3.5	5.0	5.0	7.5	7.5
Φd	0.5	0.5	0.6	0.6	※0.6	0.8	0.8
β	0.5	0.5	0.5	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	6.3V		10V		16V		25V	
S.V	8V		13V		20V		32V	
Item Cap(μF)	Size D x L(mm)	Ripple	Size D x L(mm)	Ripple	Size D x L(mm)	Ripple	Size D x L(mm)	Ripple
10					5X11	35	5X11	39
22	5X11	34	5X11	45	5X11	55	5X11	60
33	5X11	50	5X11	60	5X11	70	5X11	75
47	5X11	65	5X11	75	5X11	85	5X11	90
100	5X11	100	5X11	110	6.3X11	135	6.3X11	145
220	6.3X11	165	6.3Xx11	180	8X11.5	235	8X11.5	250
330	6.3X11	200	8X11.5	225	8X11.5	285	10X12.5	355
470	8X11.5	280	8X11.5	305	10X12.5	395	10X16	470
1000	10X12.5	470	10X16	570	10X20	700	12.5X20	855
2200	12.5X20	930	12.5X20	1010	12.5X25	1150	16X25	1230
3300	12.5X20	1100	12.5X25	1220	16X25	1350	16X30.5	1450
4700	16X25	1320	16X25	1410	16X30.5	1560	18X35.5	1660
10000	16X30.5	1830	18X35.5	1980	18X40	2170		
15000	18X35.5	2280	18X40	2470				

■DIMENSIONS 尺寸

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

W.V	35V		50V		63V		100V	
S.V	44V		63V		79V		125V	
Item Cap(μF)	Size D x L(mm)	Ripple	Size D x L(mm)	Ripple	Size D x L(mm)	Ripple	Size D x L(mm)	Ripple
0.47			5X11	7			5X11	10
1			5X11	12			5X11	15
2.2			5X11	18			5X11	22
3.3			5X11	25			5X11	29
4.7	5X11	27	5X11	30	5X11	34	5X11	37
10	5X11	44	5X11	50	5X11	55	6.3X11	65
22	5X11	65	5X11	75	6.3X11	90	8X11.5	115
33	5X11	85	6.3X11	105	6.3X11	110	10X12.5	160
47	6.3X11	115	6.3X11	125	8X11.5	155	10X16	210
100	8X11.5	190	8X11.5	210	10X12.5	260	12.5X20	385
220	10X12.5	325	10X16	400	10X20	465	16X25	590
330	10X16	440	10X20	535	12.5X20	650	16X25	720
470	10X20	580	12.5X20	730	12.5X25	800	16X30.5	875
1000	12.5X25	995	16X25	1110	16X30.5	1200	18X40	1320
2200	16X30.5	1450	18X35.5	1530	18X40	1840		
3300	18X35.5	1660						
4700	18X40	2030						