

**SS** 系列  
SERIES

85°C 小型品(L=7)  
壽命：85°C 1000 小時

85°C MINIATURE SIZE STANDARD  
Load Life :85°C 1000 hours

■ 規格表 SPECIFICATIONS

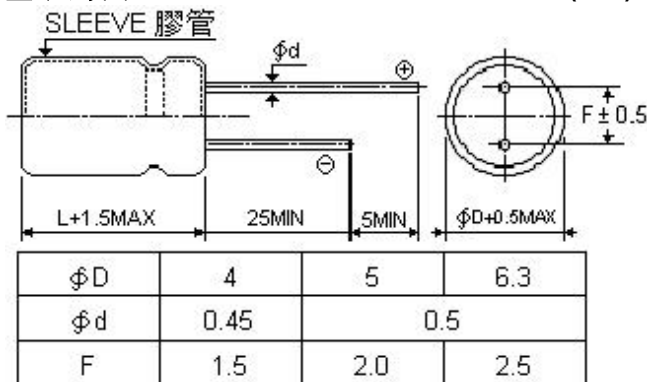
項目 Items	特性 Characteristics								
使用溫度範圍 Category Temperature Range	-40~+85°C								
額定電壓範圍 Rated Voltage Range	6.3~63V.DC								
靜電容量容許差 Capacitance Tolerance	±20%(M)(25°C, 120Hz)								
洩漏電流 Leakage Current (MAX)	I ≤ 0.01CV 或 3 μA (值小於 3 μA 時使用) (施加額定電壓 2 分鐘後)				I ≤ 0.01CV or 3 μA whichever is greater (After 2 minutes application of rated voltage)				
散逸因素(tan δ) Dissipation Factor (MAX)	額定電壓(V) Rated Voltage	6.3	10	16	25	35	50	63	120Hz 25°C
	tan δ	0.24	0.20	0.17	0.15	0.12	0.12	0.10	
高溫負荷 Load Life	85°C 恆溫施加額定電壓(含紋波電流)1000 小時後，必須滿足下列的值。 After applying rated voltage with rated ripple current for 1000hrs at 85°C, the capacitors shall meet the following requirements								
	靜電容量變化率 Capacitance Change	初期值±20%以內 Within ±20% of the initial value							
	散逸因素(tan δ) Dissipation Factor	規格值 200%以下 Not more than 200% of the specified value							
	洩漏電流 Leakage Current	規格值以下 Not more than the specified value							
高溫放置 Shelf Life	85°C 恆溫不施加額定電壓 500 小時後，必須滿足下列的值。 After applying no rated voltage for 500hrs at 85°C. The capacitors shall meet the following requirements.								
	靜電容量變化率 Capacitance Change	初期值±20%以內 Within ±20% of the initial value							
	散逸因素(tan δ) Dissipation Factor	規格值 200%以下 Not more than 200% of the specified value							
	洩漏電流 Leakage Current	規格值 200%以下 Not more than 200% of the specified value							
突波電壓(V) Surge Voltage	額定電壓(V) Rated Voltage	6.3	10	16	25	35	50	63	
	突波電壓(V) Surge Voltage	8	13	20	32	44	63	79	
低溫特性 Low Temperature Stability (合成阻抗比) Impedance Ratio (MAX)	額定電壓(V) Rated Voltage	6.3	10	16	25	35	50	63	120Hz
	Z(-25°C) / Z(25°C)	4	3	2	2	2	2	2	
	Z(-40°C) / Z(25°C)	10	8	6	4	3	3	3	

■ 尺寸圖 DIMENSIONS

(mm)

■ 紋波電流補償係數 MULTIPLIER FOR RIPPLE CURRENT

(1) 頻率係數 Frequency coefficient



頻率(Hz) Frequency	60(50)	120	1k	≥10k
0.1~47 μF	0.75	1.00	1.30	1.50
100 μF	0.75	1.00	1.15	1.20

■ 尺寸一覽表，額定紋波電流一覽表 STANDARD SIZE, RATED RIPPLE CURRENT

Size  $\phi$  D×L(mm), Ripple Current (mA r.m.s./85°C, 120 Hz)

額定電壓 VV(V.DC) 靜電容量 Cap( $\mu$ F)	6.3 (0J)		10 (1A)		16 (1C)		25 (1E)		35 (1V)		50 (1H)		63 (1J)	
	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple	Size	Ripple
0.10											4×7	3	4×7	3
0.22											4×7	5	4×7	4
0.33											4×7	6	4×7	6
0.47											4×7	7	4×7	7
1											4×7	11	4×7	11
2.2											4×7	16	4×7	16
3.3											4×7	20	5×7	22
4.7											4×7	27	6.3×7	31
10					4×7	26	4×7	28	5×7	36	6.3×7	45		
22	4×7	33	4×7	36	4×7	39	5×7	47	6.3×7	60				
33	4×7	40	4×7	44	5×7	55	6.3×7	65						
47	5×7	55	5×7	60	6.3×7	75								
100	6.3×7	90	6.3×7	100	6.3×7	110								

■ 耐久性 ENDURANCE

□ 47  $\mu$ F-6.3V 5×7    △ 33  $\mu$ F-16V 5×7    ▲ 1  $\mu$ F-50V 4×7

