

SS 系列
SERIES

85°C 小型化標準品
壽命：85°C 1000 小時

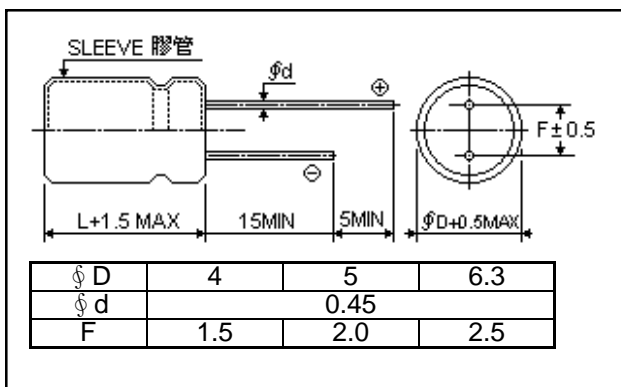
85°C MINIATURE SIZE
Load Life :85°C 1000 hours

■ 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)	$I \leq 0.01CV$ 或 $3 \mu A$ (值小於 $3 \mu A$ 時使用) (施加額定電壓 2 分鐘後)				$I \leq 0.01CV$ or $3 \mu A$ whichever is greater (After 2 minutes application of rated voltage)					
	I : 洩漏電流 Leakage Current (μA) C : 額定靜電容量 Rated Capacitance (μF) V : 額定電壓 Rated Voltage (V)									
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，在試驗前必須參照 JIS C5102 4.4 規定進行充電 60 秒之後，必須滿足下列的值。 After applying no rated voltage for 500hrs at 105°C, pre-treatment for measurements shall be conducted after application of DC rated voltage for 60 second. The capacitors shall meet the following requirements. (Reference Standard JIS C5102 4.4)									
	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		
Reference Standard	JIS C5141									

■ 尺寸圖 **DIMENSIONS**

(mm)



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

(1) 頻率係數 Frequency coefficient

係數 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 ϕ D×L(mm), Ripple Current (mA r.m.s./85°C, 120 Hz)

額定電壓 WV(V.DC) 靜電容量 Cap(μF)	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
0.1											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

□ 1 μF-50V 4×7 ▲ 47 μF-16V 5×7

