

**PL** 系列  
SERIES

105°C 扁平化品

105°C FLAT TYPE

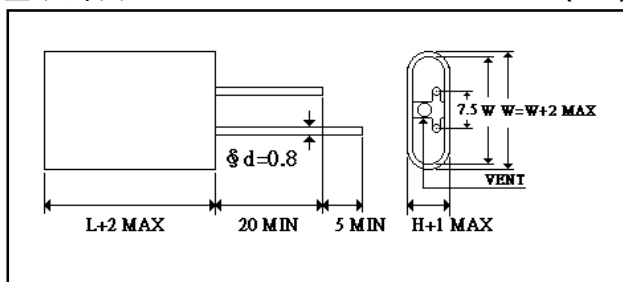
壽命：105°C 3000 小時

Load Life :105°C 3000 hours

■ 規格表 SPECIFICATIONS

項目 Items	特性 Characteristics			
使用溫度範圍 Category Temperature Range	-25~+105°C			
額定電壓範圍 Rated Voltage Range	200,400V.DC			
靜電容量容許差 Capacitance Tolerance	±20%(M)(25°C, 120Hz)			
洩漏電流 Leakage Current (MAX)	$I \leq 0.03CV$ (施加額定電壓 5 分鐘後) (After 5 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	200	400	120Hz 25°C
	tan δ	0.15	0.25	
高溫負荷 Load Life	105°C 恆溫施加額定電壓(含紋波電流)3000 小時後，必須滿足下列的值。 After applying rated voltage with rated ripple current for 3000hrs at 105°C, the capacitors shall meet the following requirements.			
	靜電容量變化率 Capacitance Change	初期值±25%以內 Within ±25% 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	105°C 恆溫不施加額定電壓 1000 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 1000hrs 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±15%以內 Within ±15% of the initial value		
	散逸因素(tan δ) Dissipation Factor	規格值 150%以下 Not more than 150% of the specified value		
	洩漏電流 Leakage Current	規格值 150%以下 Not more than 150% of the specified value		
突波電壓(V) Surge Voltage	額定電壓(V) Rated Voltage	200	400	120Hz
	突波電壓(V) Surge Voltage	250	450	
低溫特性 (合成阻抗比) Impedance Ratio (MAX)	額定電壓(V) Rated Voltage	200	400	120Hz
	Z(-25°C) / Z(25°C)	4	8	

■ 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	120	1k	10k
係數 Coefficient	0.80	1.00	1.30	1.45
	200V	0.75	1.00	1.20
	400V			1.40

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

Size φD×L(mm), Ripple Current (A r.m.s./105°C, 120 Hz)

Case Size H×W×L	200V		Case Size H×W×L	400V	
	靜電容量(μF) Capacitance(μF)	額定紋波電流 Ripple Current		靜電容量(μF) Capacitance(μF)	額定紋波電流 Ripple Current
12×25×26	68	0.37	12×25×26	33	0.24
12×25×26	82	0.38	12×25×26	47	0.25
12×25×26	100	0.40	12×25×31	56	0.32
12×25×31	120	0.48	12×25×36	68	0.35
12×25×36	150	0.55	12×25×36	82	0.38
12×25×41	180	0.62	12×25×41	100	0.45