

PL 系列
SERIES

105℃ 扁平化品

105℃ FLAT TYPE

寿命: 105℃ 3000 小时

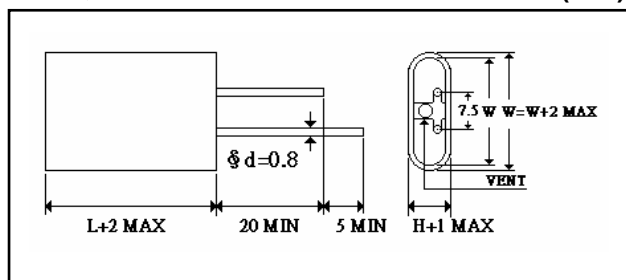
Load Life :105℃ 3000 hours

■ 规格表 SPECIFICATIONS

项目 Items	特性 Characteristics			
使用温度范围 Category Temperature Range	-25~+105℃			
额定电压范围 Rated Voltage Range	200,400V.DC			
静电容量容许差 Capacitance Tolerance	±20%(M)(25℃, 120Hz)			
泄漏电流 Leakage Current (MAX)	I ≤ 0.03CV (施加额定电压 5 分钟后) (After 5 minutes application of rated voltage) I: 泄漏电流 Leakage Current(μA) C: 额定静电容量 Rated Capacitance(μF) V: 额定电压 Rated Voltage(V)			
散逸因素(tan δ) Dissipation Factor (MAX)	额定电压(V) Rated Voltage	200	400	120Hz 25℃
	tan δ	0.15	0.25	
高温负荷 Load Life	105℃恒温施加额定电压(含纹波电流)3000 小时后, 必须满足下列的值。 After applying rated voltage with rated ripple current for 3000hrs at 105℃, the capacitors shall meet the following requirements.			
	静电容量变化率 Capacitance Change	初期值±25%以内 Within ±25% of the initial value		
	散逸因素(tan δ) Dissipation Factor	规格值 200%以下 Not more than 200% of the specified value		
	泄漏电流 Leakage Current	规格值以下 Not more than the specified value		
高温放置 Shelf Life	105℃恒温不施加额定电压 1000 小时后, 在试验前必须参照 JIS C5102 4.4 规定进行充电 60 秒之后, 必须满足下列的值。 After applying no rated voltage for 1000hrs at 105℃, 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)			
	静电容量变化率 Capacitance Change	初期值±15%以内 Within ±15% of the initial value		
	散逸因素(tan δ) Dissipation Factor	规格值 150%以下 Not more than 150% of the specified value		
	泄漏电流 Leakage Current	规格值 150%以下 Not more than 150% of the specified value		
突波电压(V) Surge Voltage	额定电压(V) Rated Voltage	200	400	
	突波电压(V) Surge Voltage	250	450	
低温特性 (合成阻抗比) Impedance Ratio (MAX)	额定电压(V) Rated Voltage	200	400	120Hz
	Z(-25℃) / Z(25℃)	4	8	

■ 尺寸图 DIMENSIONS

(mm)



■ 纹波电流补偿系数 MULTIPLIER FOR RIPPLE CURRENT

(1) 频率系数 Frequency coefficient

频率(Hz) Frequency	60	120	1k	10k
系数 Coefficient	0.80	1.00	1.30	1.45
	0.75	1.00	1.20	1.40

■ 尺寸一览表, 额定纹波电流一览表 STANDARD SIZE, RATED RIPPLE CURRENT

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

Case Size H×W×L	200V		Case Size H×W×L	400V	
	静电容量(μF) Capacitance(μF)	额定纹波电流 Ripple Current		静电容量(μF) Capacitance(μF)	额定纹波电流 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