

HL

- 105°C 2000hours Life.
- Suitable for lighting and power charger.
- RoHS Compliance.
- 105°C 2000hours產品。
- 適用於照明設備及電源充電器。



SPECIFICATIONS

Items 項目	Characteristics 特性			
Capacitance Tolerance 靜電容量誤差	± 20%(120Hz,20°C)			
Operating Temperature Range 適用溫度範圍	-40 ~ +105°C			
Rated Voltage Range 額定電壓範圍	400VDC			
Capacitance Range 靜電容量範圍	2.2 ~ 6.8μF			
Leakage Current 洩漏電流	I ≤ 0.04CV +100(μA) (After 2 minutes application of DC rated voltage, at 20°C)			
Dissipation Factor 散逸因素(tan δ)	Measurement Frequency: 120Hz. Temperature: 20°C			
	Rated Voltage(V)	400		
	tan δ(Max)	0.25		
Low Temperature Stability 低溫特性 Impedance Ratio(Max) 阻抗比率(最大值)	Measurement Frequency: 120Hz.			
	Rated Voltage(V)	400		
	Z(-25°C)/Z(20°C)	6		
	Z(-40°C)/Z(20°C)	10		
Load Life 負荷壽命	2000hours,with application of rated voltage at 105°C			
	Capacitance Change	Within ± 20% of Initial Value		
	tan δ	200% or less of Initial Specified Value		
	Leakage Current	Initial Specified Value or less		
Shelf Life 放置壽命	The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 500 hours 105°C without voltage applied. Before the measurement, the capacitor shall be preconditioned by applying voltage according to them 4.1 of JIS C5101-4.			
	Capacitance Change	Within ± 20% of Initial Value		
	tan δ	200% or less of Initial Specified Value		
	Leakage Current	Initial Specified Value or less		
Resistance to Soldering Heat 焊錫耐熱性	The capacitors shall be kept on the hot plate maintained at 250°C for 30 seconds.		Capacitance Change	Within ± 10% of Initial Value
	After removing from the hot plate and restored at room temperature they meet the characteristics requirements listed at right.		tan δ	Initial Specified Value
			Leakage Current	Initial Specified Value or less
Marking 標識	JIS C 5101-4-1 (IEC 60384)			

Frequency Coefficient of Permissible Ripple Current

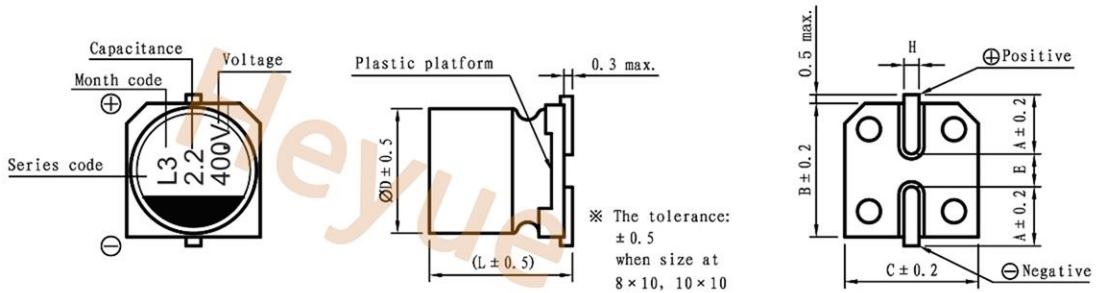
Frequency (Hz)	50	120	300	1K	≥10K
Capacitance (μF)					
2.2 ~ 6.8	0.70	1.00	1.17	1.36	1.50

The endurance of capacitors is reduced with internal heating produced by ripple current at the rate of halving the lifetime with every 5°C rise. When long life performance is required in actual use , the rms ripple current has to be reduced.

注：以上所提供的設計及特性參數僅供參考，任何修改不作預先通知，如有使用上任何疑問，請在採購前與我們聯繫，以便提供技術上的協助。

DIMENSIONS(mm)

■ Chip Type



ϕ D×L	8x10	10x10
A	2.9	3.2
B	8.3	10.3
C	8.3	10.3
E	3.1	4.5
L	10	10
H	0.8~1.1	0.8~1.1

STANDARD RATINGS

D×L(mm) ; R.C.(mA rms) at 105°C 120Hz.

Cap (μF)	V	400	
	Item	D x L	R.C.
2.2		8x10	26
3.3		8x10	37
3.9		8x10	38
4.7		8x10	39
6.8		10x10	60

注：以上所提供的设计及特性参数仅供参考，任何修改不作预先通知，如有使用上任何疑问，请在采购前与我们联系，以便提供技术上的协助。