

LH series

- High ripple current resistance.
- Suitable for the voltage doubler rectifier of an inverter air conditioner.
- RoHS Compliance.
- 耐高紋波電流產品。
- 適用於變頻空調控制電路。



SPECIFICATIONS

Items 項目	Characteristics 特性	
Capacitance Tolerance 靜電容量誤差	$\pm 10\%$ (120Hz, 20°C)	
Operating Temperature Range 適用溫度範圍	-25 ~ +85°C	
Rated Voltage Range 工作電壓範圍	250V, 400V	
Leakage Current 洩漏電流	$I \leq 0.01CV$ or 5mA, whichever is smaller, (at 20°C, after 5 minutes) where, C: Nominal capacitance (μ F); V: Rated voltage (V)	
Dissipation Factor 散逸因素 ($\tan \delta$)	Measurement Frequency: 120Hz, Temperature: 20°C 0.05 (Max)	
Load Life 負荷壽命	2,000hours, with application of working voltage at 85°C	
	Capacitance Change	Within $\pm 20\%$ of Initial Value
	$\tan \delta$	200% or less of Initial Specified Value
	Leakage Current	Initial Specified Value or less
Shelf Life 放置壽命	1,000hours, no voltage applied, at 85°C. After Test: U_R to be applied for 30 minutes, 24 to 48hours before measurement.	
	Capacitance Change	Within $\pm 20\%$ of Initial Value
	$\tan \delta$	200% or less of Initial Specified Value
	Leakage Current	Initial Specified Value or less
	After test U_R to be applied for 60 minutes, 30 $\pm$ 8hours before measurement	
Standards 參照標準	JIS C 5101-4-1 and JIS C 5101-2	

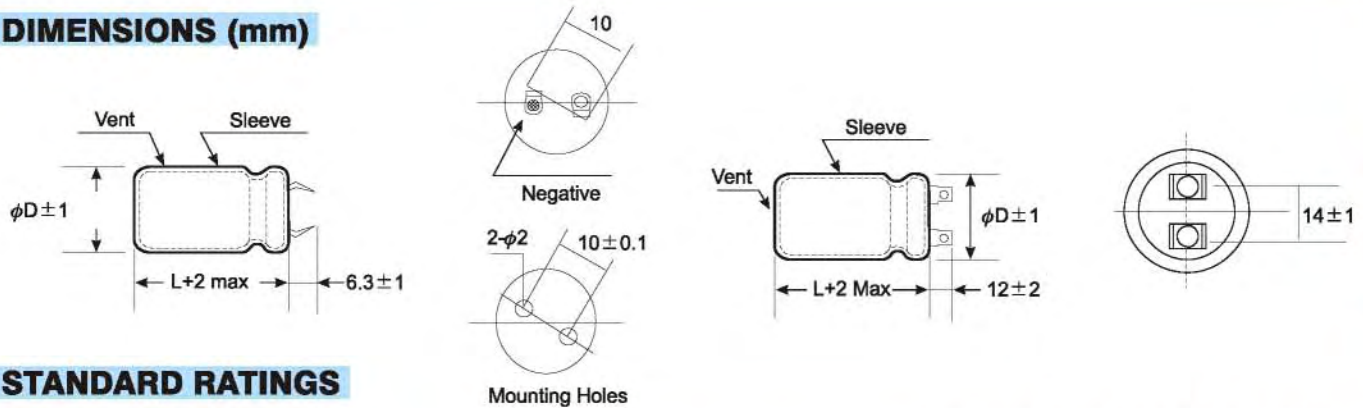
PERMISSIBLE RIPPLE CURRENT

Frequency Coefficient

Frequency (Hz)	50/60	120	400	1K	$\geq 10K$
Coefficient	0.80	1.00	1.32	1.45	1.60

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DIMENSIONS (mm)



STANDARD RATINGS

SNAP-IN (PCB TYPE)

DxL (mm); R.C.: (A rms) at 85°C, 120Hz.

Cap (μF)	WV(V) (Code) Item	250 (2E)		400 (2G)	
		D x L	R.C.	D x L	R.C.
45				35x40	1.50
55				35x40	1.70
75				35x50	1.98
82				35x50	2.00
100		35x40	1.90		
110		35x40	2.00		
165		35x45	2.45		
180		35x50	2.58		
195		35x50	2.68		
210		35x50	2.78		
220		35x50	2.80		

LUG (U TYPE)

DxL (mm); R.C.: (A rms) at 85°C, 120Hz.

Cap (μF)	WV(V) (Code) Item	250 (2E)		400 (2G)	
		D x L	R.C.	D x L	R.C.
90				40x80	3.00
100				40x90	3.20
110				40x100	3.30
150				40x100	3.90
165				40x100	4.10
200		40x100	3.80		
220		40x100	4.00	40x100	4.70
330		40x100	4.85		
360		40x100	5.10		
390		40x100	5.30		
420		40x100	5.50		
440		40x100	5.60		