

LY series

- 85°C Low profile, snap-in Terminal Type.
- Load life 2000hours, with 30mm max height.
- Case size smaller than LX series.
- RoHS Compliance.
- 基板自立形85°C 薄形品。
- 壽命2000小時，最大高度為30mm。
- LX小型化產品。



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	-25 ~ +85°C		
Rated Voltage Range 工作電壓範圍	250 ~ 450V		
Leakage Current 洩漏電流	$I \leq 3\sqrt{CV}$ (μA) (After 5 minutes application of rated voltage)		
Dissipation Factor 散逸因素 (tan δ)	Measurement Frequency: 120Hz. Temperature: 20°C		
	Rated Voltage (V)	250	350~450
	tan δ (Max)	0.15	0.20
Low Temperature Stability 低溫特性 Impedance Ratio (Max) 阻抗比率 (最大值)	Measurement Frequency: 120Hz.		
	Rated Voltage (V)	250	350~450
	Z (-25°C) / Z (20°C)	4	8
Load Life 負荷壽命	2,000hours, with application of working voltage at 85°C		
	Capacitance Change	Within ± 20% of Initial Value	
	tan δ	200% or Less of the Initial Specified Value	
	Leakage Current	Initial Specified Value or Less	
Shelf Life 放置壽命	1,000hours, no voltage applied, at 85°C。		
	Capacitance Change	Within ± 20% of Initial Value	
	tan δ	150% or Less of the Initial Specified Value	
	Leakage Current	Initial Specified Value or Less	
Standards 參照標準	JIS C 5101-4-1 and JIS C 5101-2		

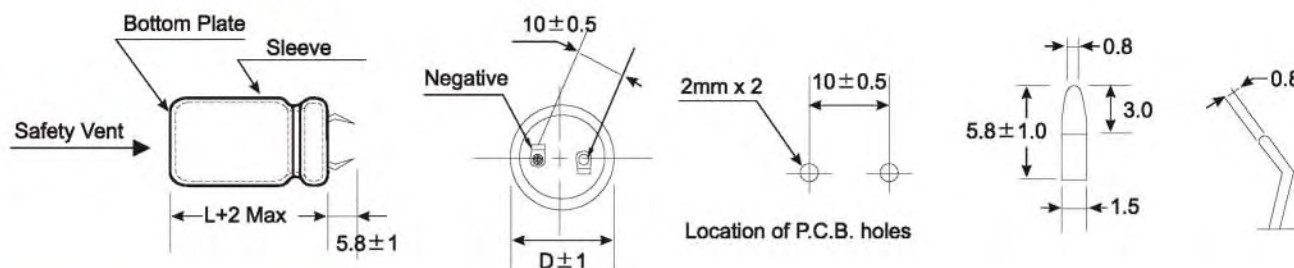
PERMISSIBLE RIPPLE CURRENT

Frequency Coefficient

VV(V)	Frequency (Hz)				
	60(50)	120	500	1K	$\geq 10K$
250	0.81	1.00	1.17	1.32	1.45
350 ~ 450	0.77	1.00	1.16	1.30	1.41

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DIMENSIONS (mm)



STANDARD RATINGS

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

Cap (μF)	WV(V) (Code)	250 (2E)		350 (2V)		400 (2G)		450 (2W)	
	Item	D x L	R.C.	D x L	R.C.	D x L	R.C.	D x L	R.C.
68						22x20	0.52	22x20	0.5
82				22x20	0.52	22x25	0.6	22x25 25x25	0.59 0.62
100				22x25	0.69	22x25 25x20	0.67	25x25	0.7
120				22x25	0.72	25x25	0.76	25x30	0.75
150		22x25	0.76	22x30 25x25	0.89	25x25 30x20	0.89	25x30 30x25	0.88
180		22x20	0.78	25x30	0.94	25x30 30x25	0.97 1.02	30x25	1.00
220		22x25 25x20	1.00 0.95	25x30 30x25	1.07 1.13	30x30 35x25	1.12 1.11		
270		25x20	1.10	30x30	1.27	30x30 35x25	1.27		
330		25x25 30x20	1.20 1.26	35x25	1.49	35x30	1.44		
390		30x20	1.44	35x30	1.66	35x30	1.63		
470		30x25	1.57	35x30	1.83				
560		30x30 35x25	1.80 1.72						
680		30x30	1.94						
820		35x30	2.36						