



## LR Series

Snap-in Standard 85°C2000 Hrs, 105°C1000 Hrs  
 基板自立型 標準品 85°C2000小時, 105°C1000小時

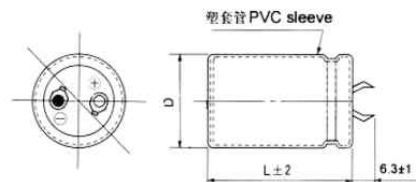
Suit for use in filtering circuit of color TV, computer and home appliance  
 適用於彩電、電腦、功放、儀表儀器、家用電器等電源濾波

### Specifications

Items 項目	Characteristics 特性				
Operating Temperature Range 使用溫度範圍	-25°C ~ +85°C (-25°C ~ +105°C)				
Rated Voltage Range 額定電壓範圍	250V ~ 450V VDC				
Capacitance Tolerance 靜電容量偏差	±20% (M) (at 20°C, 120Hz)				
Leakage Current 漏電流	I=0.02CV or 3mA whichever is smaller (at 20°C, after 2 minutes) Where, I: leakage current(μA), C: Nominal capacitance(μF), V: Rated voltage(V)				
Dissipation Factor (tan δ) 損失角正切(tan δ)	Rated voltage (V)	250	350	400	450
	DF (tan δ)	0.15	0.20	0.20	0.20
When the capacitance exceeds 30000uf, 0.1 shall be added every 10000uf increase. (at 20°C, 120Hz)					
Low Temperature Characteristics 低溫特性	Rated voltage (V)	250	350	400	450
	Z(-25°C)/(20°C)	6	6	8	8
	Z(-40°C)/(20°C)	15	15	10	8
Impedance ratio max at 120Hz					
Load Life 高溫負荷特性	The following specifications shall be satisfied when the capacitors are restored to 20°C after the rated voltage with maximum ripple current is applied for 2000 hours at 85°C or 1000 hours at 105°C Capacitance change ≤±20% of the initial measured value DF (tan δ) ≤200% of the initial specified value Leakage current ≤The initial specified value				
Shelf Life 高溫貯存特性	The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1000 hours at 85°C without voltage applied. The rated voltage shall be applied to the capacitors for a minimum of 30 minutes, at least 24 hours and not more than 48 hours before the measurements. Capacitance change ≤±20% of the initial measured value DF (tan δ) ≤150% of the initial specified value Leakage current ≤The initial specified value				

### Pitch Dimension(mm)

D ± 1	22~25
L ± 2	25~50
F ± 0.5	10



### Ripple Current Multipliers

Frequency Coefficient 頻率修正系數

Freq 頻率 (Hz)	120	1K	10K~30K
Factor 修正因子	1.00	1.15	1.45

Temperature Coefficient 溫度修正系數

Ambient temp 環境溫度 (°C)	65	70	85	105
Factor 修正因子	1.20	1.15	1.00	0.70



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## Specifications

VDC (V)	250		350		400		450	
Item Cap (μF)	Case Size D*H (mm)	Ripple Current 85°C/120Hz (mA)	Case Size D*H (mm)	Ripple Current 85°C/120Hz (mA)	Case Size D*H (mm)	Ripple Current 85°C/120Hz (mA)	Case Size D*H (mm)	Ripple Current 85°C/120Hz (mA)
56							22*25	456
68					22*25	470	22*30	550
82			22*25	516	22*25	516	22*30 25*25	604 588
100			22*30	624	22*30 25*25	624 608	22*30 22*40 25*30 25*35	667 771 712 769
120			22*30 25*25	684 666	22*30 22*35 25*30	684 739 729	22*40 22*45 25*35	844 896 842
150	22*25	698	22*35 25*30	826 815	22*35 22*45 25*30 25*35	826 937 815 881	22*50 25*35 30*30	1056 942 955
180	22*25	765	22*40 25*30	968 893	22*45 25*30 25*35	1026 893 965	25*40 25*45 30*35	1103 1170 1130
220	22*30 25*25	926 901	22*45 25*35	1135 1067	22*45 25*35 30*30	1135 1067 1082	25*45 25*50 30*40 30*45	1293 1363 1335 1480
270					25*45	1340	25*50 30*40 30*45	1510 1480 1569
330	22*40 25*30	1310 1210	25*45 30*35	1481 1431	25*45 30*40 30*35	1481 1530 1431	25*50 30*45 30*50	1605 1735 1829
390	22*45 25*35	1511 1420	30*40	1663	30*45	1764	30*50	1988
470	22*50 25*40	1748 1667	30*45	1937	30*45 30*50	1937 2042		
560	25*45 30*35	1930 1865						
680	25*50 30*40	2242 2197						
820	30*45	2559						
1000	30*50	2978						