

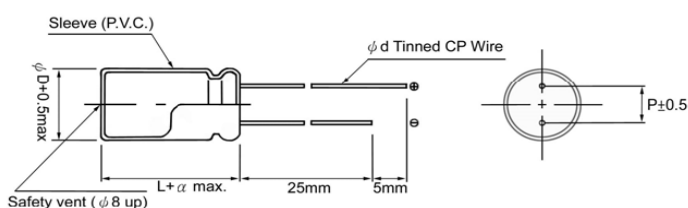
LC SERIES

Radial lead polar. Standard series for general purpose.
85 °C标准品适用于各式小型化电子产品

SPECIFICATION:

ITEMS 项目	CHARACTERISTIC 特性											
Rated Voltage Range(vdc) 额定电压	6.3v ~ 100v DC						160v ~ 450v DC					
Operating Temperature Range 使用温度范围	-40°C ~ +85 °C						-25°C ~ +85 °C					
Capacitance Tolerance 电容量容许差	±20%(M) at 20°C,120Hz											
Leakage Current 漏泄电流	I=0.01CV or 3μA						I=0.03CV+15μA					
	Whichever is greater after 3 minutes						I = Leakage current(μA) C = Rated Capacitance(μF) V = Working Voltage (v)					
Dissipation Factor (tanδ) 损失角之正接	Add 0.02 per 1000μF for more than 1000μF(at 20°C,120Hz)											
	Rated voltage(Vdc)	6.3	10	16	25	35	50	63	100	160~250	350~450	
DF(tan δ)	0.24	0.20	0.17	0.15	0.12	0.10	0.10	0.10	0.10	0.20	0.25	
Low Characteristics 低温特性	Max. impedance ratio at 120Hz to the 20°C value											
	Rated voltage(Vdc)	6.3	10	16	25	35	50	63	100	160~250	350~450	
	Z(-25°C)/Z(20°C)	4	3	2	2	2	2	2	2	8	12	
	Z(-40°C)/Z(20°C)	10	8	6	6	4	4	3	3	--	--	
Load Life 高温负载寿命	After 2000 hours application of Rated voltage at 85°C the capacitor shall meet the following limits											
	Capacitance change rate	≅ ±25% of initial value										
	DF(tan δ)	≅ 200% of the initial specified value										
	Leakage current	initial specified value										
Shelf Life 高温无负载寿命	AT 85°C no voltage applied after 500 hours the capacitor shall meet the following limits.											
	Capacitance change rate	≅ ±25% of initial value										
	DF(tan δ)	≅ 200% of the initial specified value										
	Leakage current	≅ 200% of the initial specified value										

Dimension (mm)



φ D	5	6.3	8	10	13	16	18	22	25
P	2.0	2.5	3.5	5.0	5.0	7.5	7.5	10	12.5
φ d	0.5		0.6		0.8		0.8/1.0		
α	1.5								

