

RICHÉY ALUMINUM ELECTROLYTIC CAPACITORS

LCL series

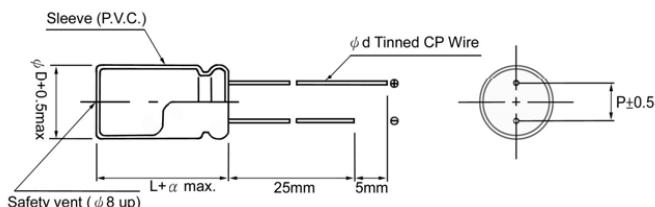
LCL SERIES

**Extremely low leakage current and high reliable series,
Designed for trigger circuit or high reliable products.**
具极低之泄漏电流特性，适用于如激发电路或高信赖性之电子产品

SPECIFICATION :

ITEM项目	Performance Characteristics特性					
Operating Temperature range 使用温度范围	-40°C ~ +85°C					
Rated Voltage(vdc) 定格电压范围	10v ~ 50v DC					
Capacitance Tolerance 电容量容许差	$\pm 20\%$ (M) at 120 Hz ,20°C					
Leakage Current 漏泄电流	I=0.002CV or 0.4uA, whichever is greater after 3minutes application of rated voltage I=Leakage C=Rated capacitance V=Working voltage					
Dissipation Factor $\tan \delta$ (120 Hz, 20°C)损失角之正接	Rated Voltage	10	16	25	35	50
	DF($\tan \delta$)	0.20	0.17	0.15	0.12	0.10
Temperature Characteristics 低温稳定特性	Stability at Low Temperature.					
	Rated Voltage	10	16	25	35	50
	Z(-25°C)/Z(20°C)	3	2	2	2	2
	Z(-40°C)/Z(20°C)	6	4	4	3	3
Load Life 高温负载寿命	After 1,000 hours application of rated voltage at 85°C, capacitors meet the characteristics requirements mentioned below					
	Capacitance Change	Within 25% of initial value				
	DF($\tan \delta$)	200% or less of initial specified value				
	Leakage Current	Initial specified value or less				
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	Within 25% of initial value				
	DF($\tan \delta$)	200% or less of initial specified value				
	Leakage Current	200% or less of initial specified value				

Dimension(mm)



ϕD	5	6.3	8	10	13
P	2.0	2.5	3.5	5.0	5.0
ϕd		0.5		0.6	
α			1.5		