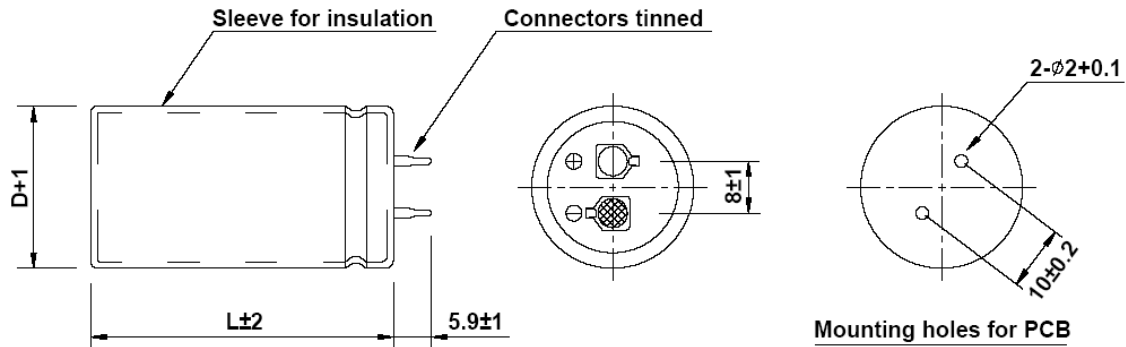


Product specification

Physical properties

Dimension in mm (not to scale)



Specification

Rated Voltage	2.8 V	
Surge Voltage	3.0 V	
Capacitance Tolerance	-10% / 10%	
Resistance Tolerance	< Spec. Value	
Operating temperature range	-40 ~ 65 °C	
Storage temperature range	-40 ~ 70 °C	
Life Time (25°C)	After 10 years at rated voltage and +25 °C	
	Capacitance change	Within 30% of initially specified value
	Internal resistance change	Within 100% of initially specified value
Cycle Life (25°C)	After 500,000 cycles between rated voltage to half rated voltage at +25 °C	
	Capacitance change	Within 30% of initially specified value
	Internal resistance change	Within 100% of initially specified value

Standard Ratings

Part number	Capacitance (F)	Resistance (mΩ)		Max. Current (A)	Continuous Current (A)	Leakage Current (mA)	Max. Stored Energy (Wh)
		(1KHz)	DC				
LSUC 002R8S 0100F EA	100	7	9	74	20	< 0.3	0.11

Part number	Dimension (mm)		Weight (g)
	D1 (+ 1.0)	L (±2.0)	
LSUC 002R8S 0100F EA	22.0	46.0	23