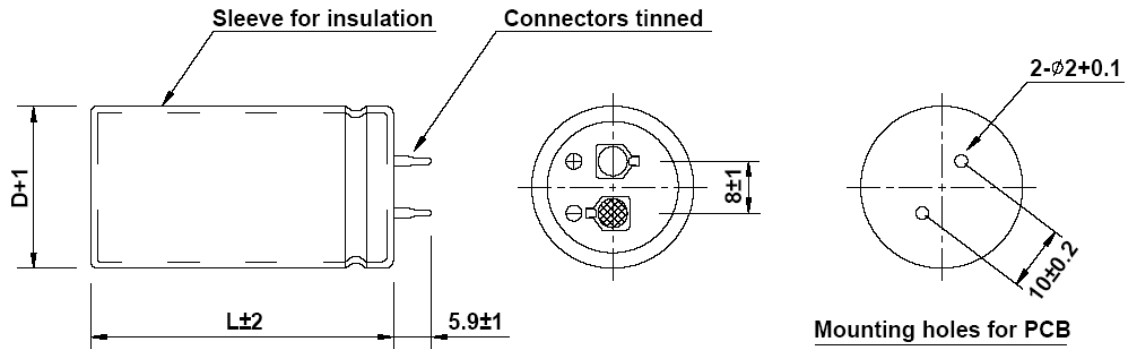


# Product Specification

## Physical properties

Dimension in mm (not to scale)



## Specification

Rated Voltage	2.8 V	
Surge Voltage	3.0 V	
Capacitance Tolerance	0% / 20%	
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)
		AC (1KHz)	DC				
LSUC 002R8S 0120F EA ME03	120	7	9	81	20	< 0.4	0.13

Part number	Dimension (mm)		Weight (g)
	D1 (+ 1.0)	L (±2.0)	
LSUC 002R8S 0120F EA ME03	22.0	46.0	23