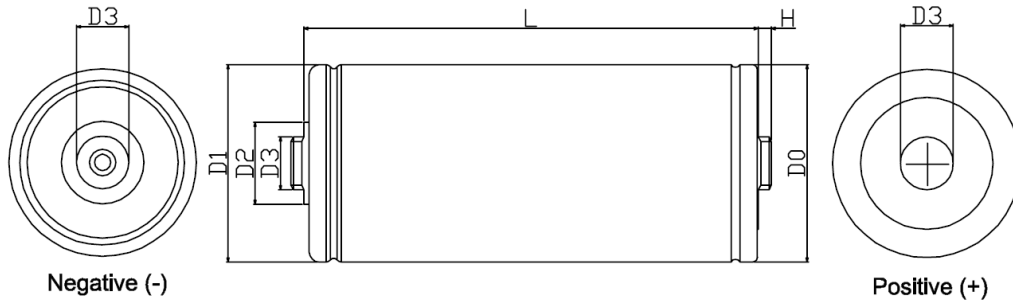


Product specification

Physical properties

Dimension in mm (not to scale)



Specification

Rated Voltage	2.7 V	
Surge Voltage	2.85 V	
Capacitance Tolerance	0% / +20%	
Resistance Tolerance	< Spec. Value	
Operating temperature range	-40 ~ 65 °C	
Storage temperature range	-40 ~ 70 °C	
Endurance	After 1500 hours application of 2.7V .DC at 65 °C, the capacitor shall meet the following limits.	
	Capacitance change	Within 20% of initially specified value
	Internal resistance change	Within 100% of initially specified value
Shelf life	After 1500 hours storage at +65 °C without load, the capacitor shall meet specification of endurance.	
Life Time (25°C)	After 10 years at rated voltage and +25 °C	
	Capacitance change	Within 20% of initially specified value
	Internal resistance change	Within 100% of initially specified value
Cycle Life (25°C)	After 1,000,000 cycles between rated voltage to half rated voltage at +25 °C	
	Capacitance change	Within 20% of initially specified value
	Internal resistance change	Within 100% of initially specified value

Standard Ratings

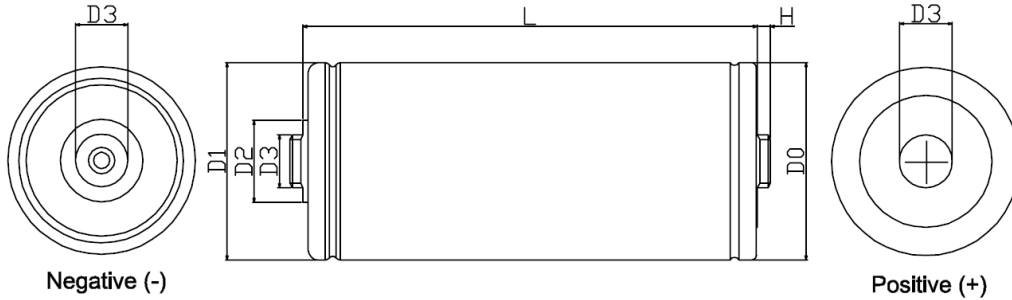
Part number	Capacitance (F)	Resistance (mΩ)		Max. Current (A)	Leakage Current (mA)	Max. Stored Energy (Wh)
		(100Hz)	DC			
LSUC 002R7C 3000F EA ST01	3000	0.22	0.23	2,396	< 5	3.04
LSUC 002R7C 3000F EA LT01	3000	0.22	0.23	2,396	< 5	3.04

Part number	Dimension (mm)						Weight (g)
	D0 (± 0.3)	D1 (± 0.7)	D2 (± 0.1)	D4	H (± 0.1)	L (± 0.5)	
LSUC 002R7C 3000F EA ST01	∅ 60	∅ 60.7	∅ 25	M16, P1.0	4	138	525
LSUC 002R7C 3000F EA LT01	∅ 60	∅ 60.7	∅ 25	M16, P2.0	14	138	535

Product specification

Physical properties

Dimension in mm (not to scale)



Specification

Rated Voltage	2.7 V	
Surge Voltage	2.85 V	
Capacitance Tolerance	0% / 20%	
Resistance Tolerance	< Spec. Value	
Operating temperature range	-40 ~ 65 °C	
Storage temperature range	-40 ~ 70 °C	
Endurance	After 1500 hours application of 2.7V .DC at 65 °C, the capacitor shall meet the following limits.	
	Capacitance change	Within 20% of initially specified value
	Internal resistance change	Within 100% of initially specified value
Shelf life	After 1500 hours storage at +65 °C without load, the capacitor shall meet specification of endurance.	
Life Time (25°C)	After 10 years at rated voltage and +25 °C	
	Capacitance change	Within 20% of initially specified value
	Internal resistance change	Within 100% of initially specified value
Cycle Life (25°C)	After 1,000,000 cycles between rated voltage to half rated voltage at +25 °C	
	Capacitance change	Within 20% of initially specified value
	Internal resistance change	Within 100% of initially specified value

Standard Ratings

Part number	Capacitance (F)	Resistance (mΩ)		Max. Current (A)	Leakage Current (mA)	Max. Stored Energy (Wh)
		(100Hz)	DC			
LSUC 002R7C 3000F EA WT01	3000	0.22	0.23	2,396	< 5	3.04

Part number	Dimension (mm)						Weight (g)
	D0 (± 0.3)	D1 (± 0.7)	D2 (± 0.1)	D3 (± 0.05)	H (± 0.125)	L (± 0.5)	
LSUC 002R7C 3000F EA WT01	Ø 60	Ø 60.7	Ø 25	Ø 14	3.18	138	525

* Material for weldable terminal : AL 6061