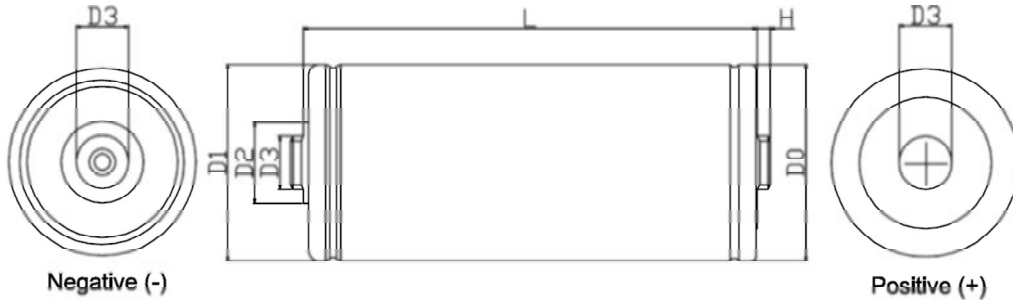


# Product specification

## Physical properties

Dimension in mm (not to scale)



## Specification

Rated Voltage	2.85 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	
Endurance	After 1500 hours application of 2.85V .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

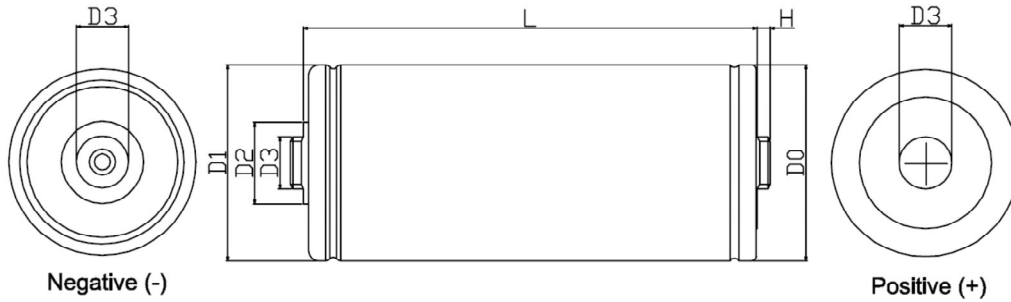
Part number	Capacitance (F)	Resistance (mΩ)		Max. Current (A)	Leakage Current (mA)	Max. Stored Energy (Wh)
		(100Hz)	DC			
LSUC 02R85C 3000F EA ST01	3000	0.22	0.23	2,530	< 5	3.38
LSUC 02R85C 3000F EA LT01	3000	0.22	0.23	2,530	< 5	3.38
LSUC 02R85C 3000F EA LT02	3000	0.22	0.23	2,530	< 5	3.38

Part number	Dimension (mm)						Weight (g)
	D0 (+0.6)	D1 (± 0.7)	D2 (±0.1)	D3	H (±0.1)	L (±0.5)	
LSUC 02R85C 3000F EA ST01	∅ 60	∅ 60.7	∅ 25	M16, P1.0	4	138	525
LSUC 02R85C 3000F EA LT01	∅ 60	∅ 60.7	∅ 25	M16, P2.0	14	138	535
LSUC 02R85C 3000F EA LT02	∅ 60	∅ 60.7	∅ 25	M12, P1.75	14	138	525

# Product specification

## Physical properties

Dimension in mm (not to scale)



## Specification

Rated Voltage	2.85 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	
Endurance	After 1500 hours application of 2.85V .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 02R85C 3000F EA WT01	3000	0.22	0.23	2.530	< 5	3.38

Part number	Dimension (mm)						Weight (g)
	D0 (+0.6)	D1 (± 0.7)	D2 (±0.1)	D3 (±0.05)	H (±0.125)	L (±0.5)	
LSUC 02R85C 3000F EA WT01	Ø 60	Ø 60.7	Ø 25	Ø 14	3.18	138	525

\* Material for weldable terminal : AL 6061