

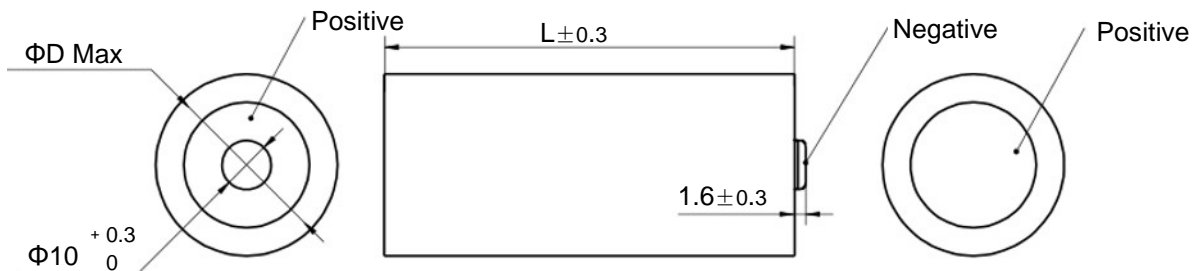
Features

- Dry battery shape
- Low ESR
- Over 1,000,000 duty cycles

Applications

- UPS and backup power supply
- Electronic tools and police flash lights

Dimensions



Part Number	Dimension/ mm	
	D	L
SCE0450C0-0002R7TCZ	30.6	75.9
SCE0700C0-0002R7TCZ	30.6	128.9

Specifications

Items	Characteristics
Operating Voltage	2.7 VDC
Surge Voltage	2.85 VDC
Operating Temperature Range	-40°C to 65°C
Capacitance Tolerance	-10% to +20% (25°C)
Temperature Performance(-40°C to 65°C)	ΔC ≤ 5% of initial measured value@ 25°C ESR ≤ 150% of specified value
Life (1500 hours @ 65°C, 2.7 VDC)	ΔC ≤ 20% of initial measured value ESR ≤ 200% of specified value
Cycle life (1,000,000 cycles between V _R and 1/2 V _R)	ΔC ≤ 20% of initial measured value ESR ≤ 200% of specified value

Standard Product

CAP (F)	Part Number	ESR (mohm)		LC (mA, RT 72hrs)	Max. Energy Stored (Wh)	Max. Energy Density (Wh/Kg)	Max. Continuous Current (15/40°C,A)	Max. Peak Current (A)	Typical Thermal Resistance (Housing) °C /W	Typical Thermal Capacitance, C _{th} , J/°C	Typical Mass (g)
		AC @ 1kHz	DC								
450	SCE0450C0-0002R7TCZ	9	12	1.5	0.46	5.8	8/13	95	19.5	85	78
700	SCE0700C0-0002R7TCZ	2	3	1.6	0.71	5.8	26/43	305	7.4	140	123