

Features

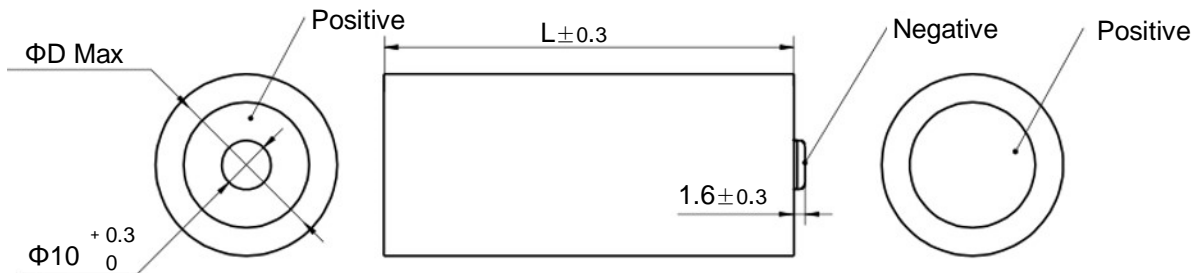
- Dry battery shape
- Low ESR
 - Over 1,000,000 duty cycles

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)	$\Delta C \leq 5\%$ of initial measured value@ 25°C ESR $\leq 150\%$ of specified value
Life (1500 hours @ 65°C, 2.7 VDC)	$\Delta C \leq 20\%$ of initial measured value ESR $\leq 200\%$ of specified value
Cycle life (1,000,000 cycles between V_R and $1/2 V_R$)	$\Delta C \leq 20\%$ of initial measured value ESR $\leq 200\%$ 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 (40°C,A)	Max. Peak Current (A)	Typical Mass (g)
		AC @ 1kHz	DC						
450	SCE0450C0-0002R7TCZ	9	12	1.5	0.46	5.8	13	95	78
700	SCE0700C0-0002R7TCZ	2	3	1.6	0.71	5.8	43	305	123

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