

# CR123A Crimp Seal 2/3 A

## Technical Datasheet



### Features

- Compact, lightweight cells with relatively large voltages
- High energy density
- Wide working temperature range
- Very small self-discharge
- High reliability
- 10 year shelf-life

### Typical Applications

- Digital cameras
- LED flashlights
- Various meters
- Small electronic appliances requiring relatively high currents

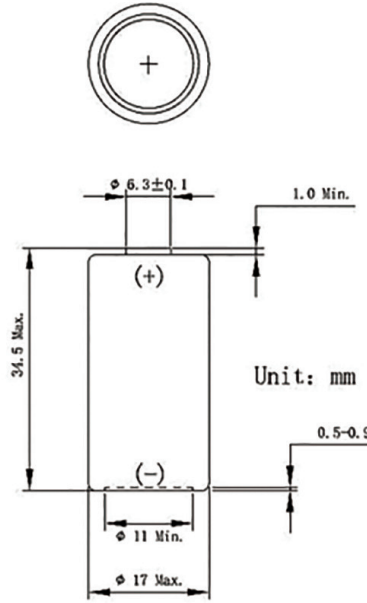
### Technical Specifications

<b>Part No</b>	UB123A
<b>Cell Type</b>	Primary, non-rechargeable
<b>Chemistry</b>	Lithium / manganese dioxide
<b>Voltage Range</b>	1.5V to 3.3V
<b>Nominal Voltage</b>	3.0V
<b>Typical Capacity<sup>1</sup></b>	1800mAh
<b>Max. Continuous Discharge</b>	1500mA
<b>Max. Pulse Discharge</b>	Up to 2500mA for up to 15 seconds @ 50% SoC (life and temperature dependent)
<b>Energy Rating</b>	5.2Wh
<b>Energy Density</b>	
Gravimetric	306Wh/kg
Volumetric	664Wh/L
<b>Weight</b>	17g
<b>Operating Temperature</b>	-20°C to 72°C
<b>Storage Temperature<sup>2</sup></b>	-40°C to 60°C
<b>Exterior/Housing</b>	Elastomeric wrapped, Ni plated stainless steel
<b>Terminals/Connector</b>	SS nub and Ni flat contacts
<b>Size (maximums)</b>	Length: 34.5mm Diameter: 17.0mm
<b>Certifications</b>	IEC 60086-4 (CB ref. pending) UL 1642 (pending) UN 38.3
<b>Safety</b>	This battery contains a Positive Temperature Coefficient (PTC) safety device to limit current during short circuit conditions
<b>Transportation<sup>3</sup></b>	Excepted Dangerous Goods UN3091: Packed with or contained in equipment Air Shipment: Packing Instruction 969 and 970, Section I  Class 9 Dangerous Goods UN3090: Bulk shipment Air shipment: Packing Instruction 968, Section IB
<b>Quality Assurance</b>	Ultralife manufacturing facilities are ISO 9001:2008 and ISO 14001:2004 registered. Its products are listed under the Component Recognition Program of Underwriters Laboratories (UL) and have passed UN transportation testing, which is required for international transportation of all lithium batteries.

### Notes

1. Discharged using a 10mA load to 2.0V @ 23°C.
2. Cells should be stored in temperatures less than 30°C for a shelf-life of greater than five years.
3. For bulk shipments by air that are no more than eight cells and one package, this cell is Excepted Dangerous Goods and can be shipped under Packing Instruction 968, Section II.

# Dimensions



# Performance Graphs

