

# CR17335 Bobbin 2/3 A

## Technical Datasheet



### Technical Specifications

<b>Part No</b>	CR17335SE
<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>	10mA
<b>Max. Pulse Discharge</b>	Up to 100mA 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>	-40°C to 60°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 Optional: Radial nickel tabs or pins, axial or flying leads
<b>Size (maximums)</b>	Length: 34.5mm Diameter: 17.0mm
<b>Certifications</b>	UL 1642 (file no. MH30127) 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.

### Features

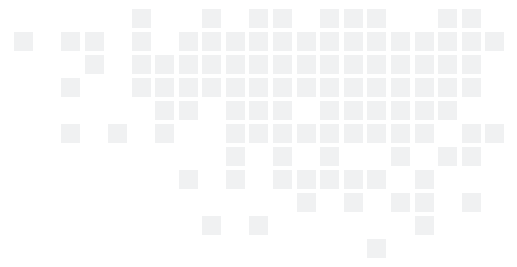
- Hermetic glass-to-metal sealing avoids leakage, allows for more effective electrolyte to be used which results in lower temperature operation and longer storage
- Higher and more stable operating voltage
- Higher power and energy for the whole life of the cell
- Superior drain capability, low self-discharge rate
- Vent mechanism for safer operation when under reasonably foreseeable misuse cases
- 5 year shelf-life

### Typical Applications

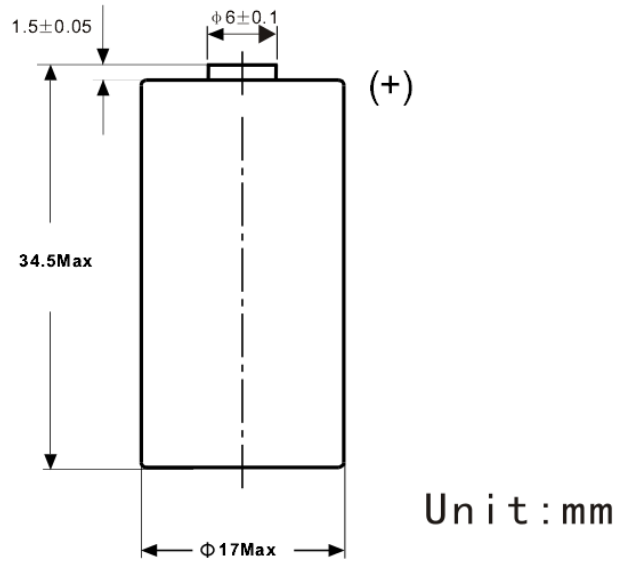
- Military and other radio applications
- Smoke alarms and security systems
- Beacons and emergency location transmitters
- GPS
- Metering systems
- Sono buoys
- LED lighting applications

### Notes

1. Discharged using a 1mA 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

