

# CR17335 10-year Spiral 2/3A

## Technical Datasheet



### Technical Specifications

Part No	CR17335
Cell Type	Primary, non-rechargeable
Chemistry	Lithium / manganese dioxide
Voltage Range	1.5V to 3.3V
Nominal Voltage	3.0V
Typical Capacity <sup>1</sup>	1500mAh
Max. Continuous Discharge	1000mA
Max. Pulse Discharge	Up to 2000mA for up to 15 seconds @ 50% SoC (life and temperature dependent)
Energy Rating	4.5Wh
Weight	18g
Operating Temperature	-40°C to 80°C
Storage Temperature <sup>2</sup>	-20°C to 45°C
Humidity	65±20%
Exterior/Housing	Elastomeric wrapped, Ni plated stainless steel
Terminals/Connector	SS nub and Ni flat contacts
Size (maximums)	Length: 34.5mm Diameter: 17.0mm
Certifications	UL 1642 (file no. MH30127) UN 38.3
Safety	This battery can contain a Positive Temperature Coefficient (PTC) safety device to limit current during short circuit conditions if needs.
Transportation <sup>3</sup>	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
Quality Assurance	Ultralife manufacturing facilities are ISO 9001:2015 and ISO 13485:2016 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

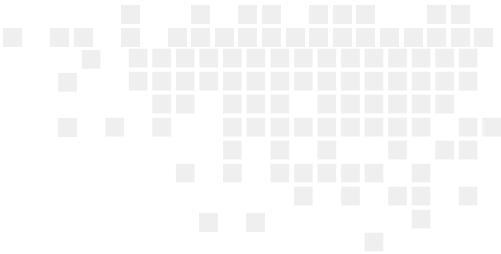
- Discharged using a 10mA load to 2.0V @ 23°C.
- Cells should be stored in temperatures less than 30°C for a shelf-life of ten years.  
Recommended Storage Conditions: Temperatures 5°C to 35°C and humidity <70% RH (to prevent self-discharge caused by corrosion or decrease of insulation).
- For bulk shipments 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.

### Features

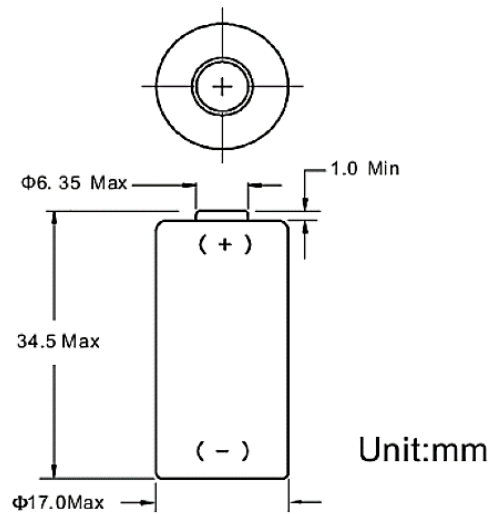
- Hermetic glass to metal sealing avoids leakage, Allows for more effective electrolyte to be used Which results in lower temperature operation And longer storage
- High and more stable operating voltage
- High power and energy for the whole life of the cell
- Improved hermetic seal contribute to an even Lower self-discharge rate allowing for higher Temperature use and storage (less than 2% after 1year of storage at 20°C)
- Vent mechanism for safer operation when under Reasonably foreseeable misuse cases
- 10 year shelf-life

### Typical Applications

- Radio communication and other military applications
- Metering systems
- GPS
- Internet of Things (IoT) device
- Others



# Dimensions



# Performance Graphs

