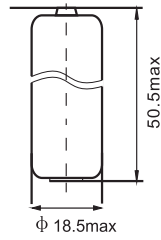




Dimensions in mm



Available Terminations	
-/P*	Axial Pin
-/T /PT2*	Radial Pin
-/PT /TP*	Polarized Tab

(\*): Reference to standard terminals for single lithium

### Electrical characteristics

■ <b>Nominal Capacity</b> .....	3200mAh
Stored for one year or less at 10mA, 25°C, 2.0V cut-off	
■ <b>Rated Voltage</b> .....	3.6V
■ <b>Cut-off Voltage</b> .....	2.0V
■ <b>Max. Recommended Continuous Current</b> .....	500mA
Current value is determined to be the level at which the nominal capacity is obtained with an end voltage of 2.0V at 25°C	
■ <b>Max. Pulse Current</b> .....	1500mA
Typically up to 1500mA. (1500mA/0.1 second pulses, drained every 2 min at +25°C from undischarged cells with 20μA base current, yield voltage readings above 2.7V. The readings may vary according to the pulse characteristics, the temperature, and the cell's previous history. Fitting the cell with a capacitor may be recommended in severe conditions.	
■ <b>Storage (Recommended Max. Temperature)</b> .....	30°C
■ <b>Operating Temperature Range</b> .....	-55°C~ +85°C
■ <b>Approximate Weight</b> .....	30g

## ER18505M Specification

Primary Lithium Thionyl Chloride  
3.6V, 3500mAh

### Key Features

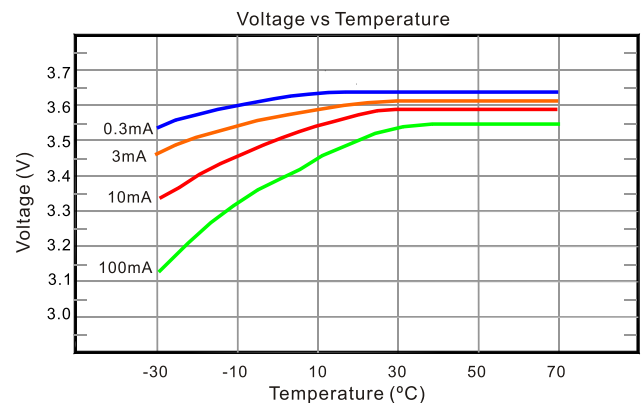
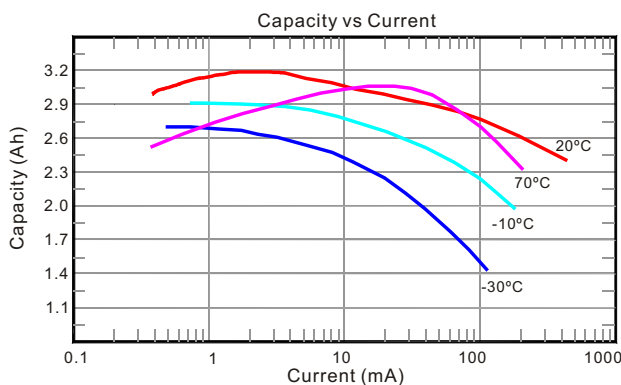
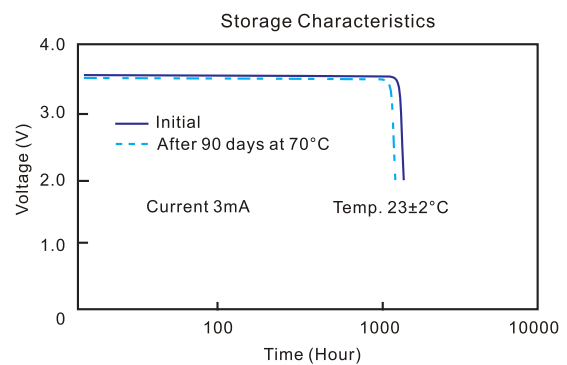
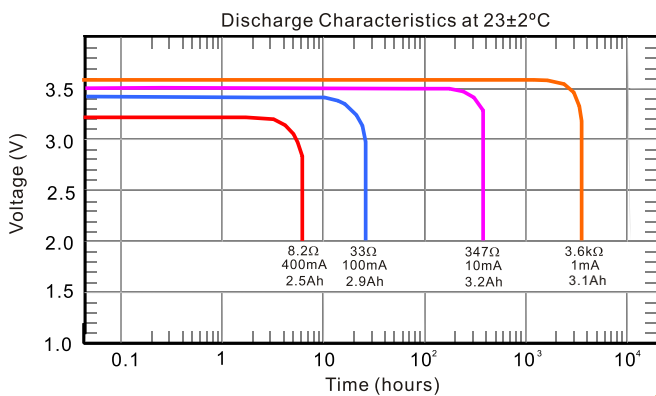
- High and stable operating voltage
- Low self-discharge rate - around 1% after 1 year of storage at +20°C
- Stainless steel container
- Hermetic glass-to-metal sealing
- Compliant with IEC 60086-4 safety standard
- Non-flammable electrolyte



UL Component Recognition  
File Number MH45330

### Main Applications

- Alarm and security devices
- Smoke detectors
- Memory back-up
- Alarm equipment
- Industrial electronics
- Medical equipment etc.



**WARNING:** Risk of fire and burn. Do not recharge, over-discharge, disassemble, heat above 100°C or incinerate.

\*\*Note: The data in this document are for descriptive purposes only and subject to change without prior notice.