

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> .....	3000mAh
Stored for one year or less at 3mA, 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> .....	600mA
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> .....	1200mA
Current value is obtaining 2.0V cell voltage when pulse is applied for 15 seconds at 50% discharge depth at 25°C	
■ <b>Storage (Recommended Max. Temperature)</b> .....	30°C
■ <b>Operating Temperature Range</b> .....	-55°C~ +85°C
■ <b>Approximate Weight</b> .....	28g

## ER17505M Specification

Primary Lithium Thionyl Chloride  
3.6V, 3000mAh

### Key Features

- High and stable operating voltage
- Low self-discharge rate - less than 1% after 1 year of storage at +20°C
- Stainless steel nickel-plated case
- Hermetic glass-to-metal sealing
- Compliant with IEC 86-4 safety standard
- Non-restricted for transport

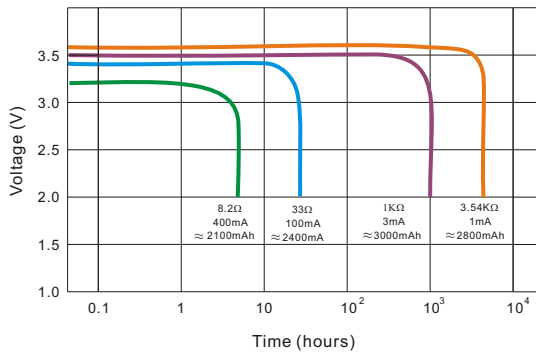


UL Component Recognition  
File Number MH45330

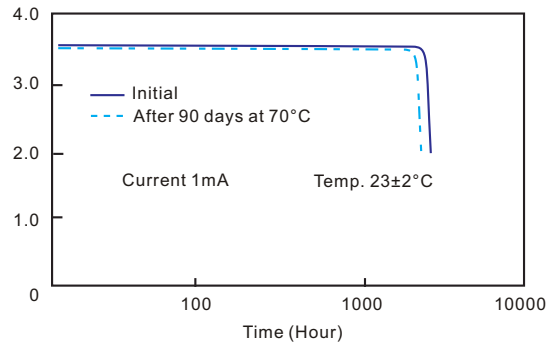
### Main Applications

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

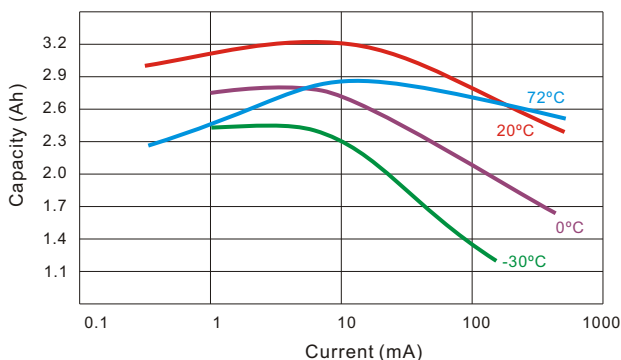
Discharge Characteristics at 23±2°C



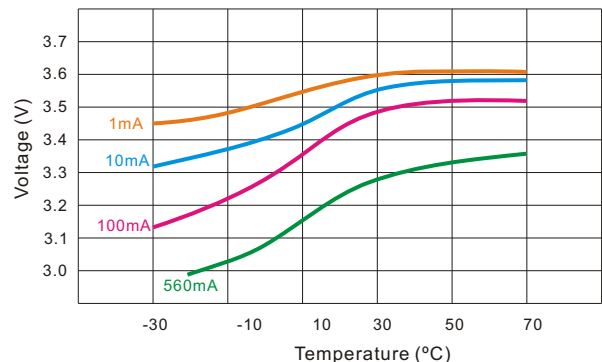
Storage Characteristics



Capacity vs Current



Voltage vs Temperature



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

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