

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

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

Dimensions in mm

### Electrical characteristics


■ <b>Nominal Capacity</b> .....	800mAh
Stored for one year or less at 1mA, 25°C, 2.0V cut-off	
■ <b>Rated Voltage</b> .....	3.6V
■ <b>Max. Recommended Continuous Current</b> .....	25mA
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> .....	60mA
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> .....	9g

## ER10450 Specification

Primary Lithium Thionyl Chloride  
3.6V, 700mAh

### Key Features

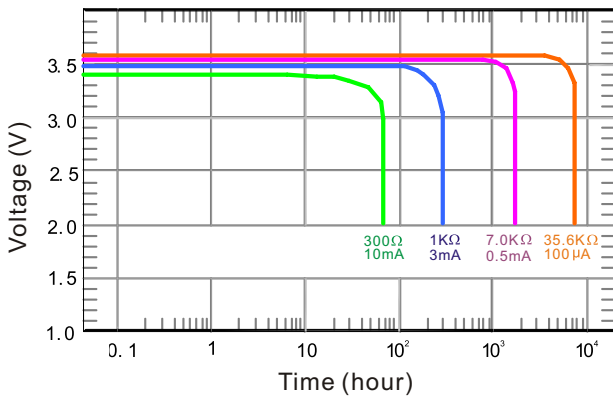
- High and stable operating voltage
- Low self-discharge rate - less than 1% after 1 year of storage at +20°C
- Stainless steel container
- Hermetic glass-to-metal sealing
- Compliant with IEC 86-4 safety standard

 UL Component Recognition  
File Number MH45330

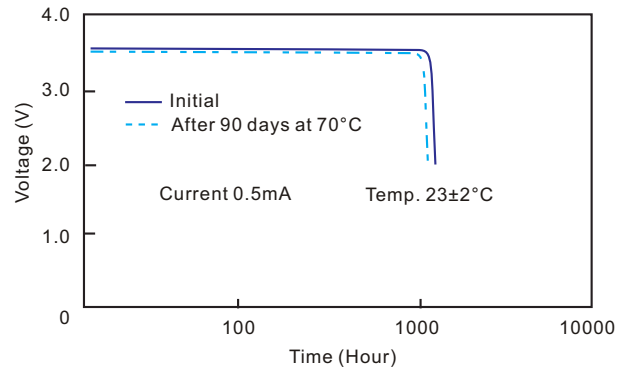
### Main Applications

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

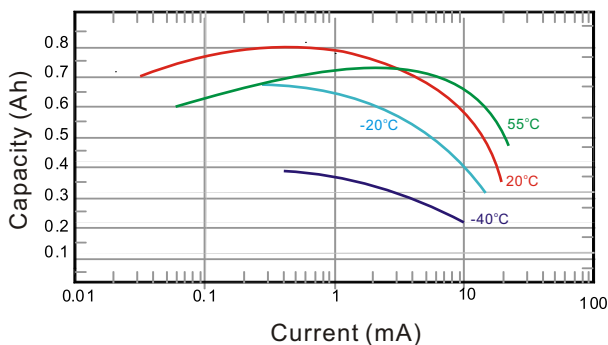
Discharge Characteristics at 23±2°C



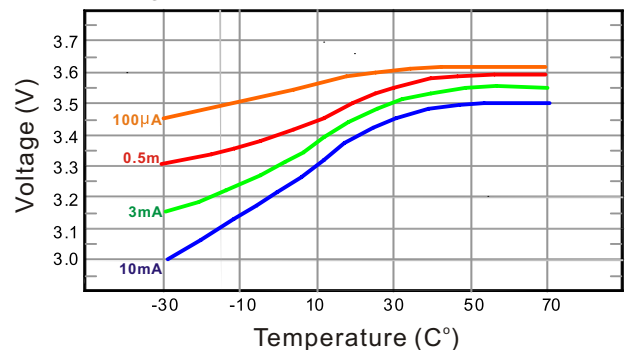
Storage Characteristics



Capacity vs Current



Voltage vs Temperature



**WARNING:** Risk of fire and burn. Do not recharge, 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.