

Dimensions in mm

Available Terminations	
-/P*	Axial Pin
-/T /PT2*	Radial Pin
-/PT /TP*	Polarized Tab
(*) : Reference to standard terminals for single lithium	

ER13150 Specification

Primary Lithium Thionyl Chloride
3.6V, 450mAh

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
- Non-restricted for transport

 UL Component Recognition
File Number MH45330

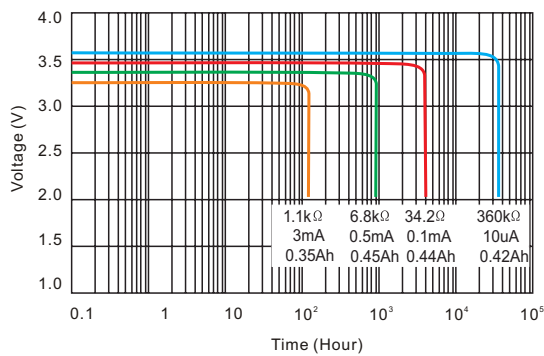
Main Applications

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

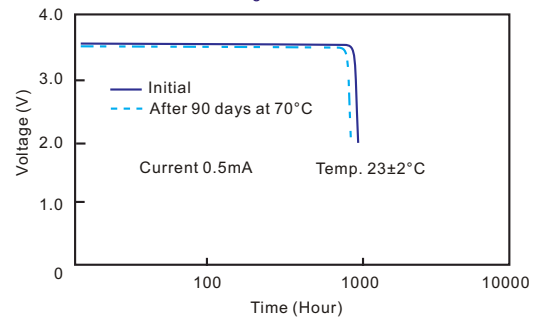
Electrical characteristics

■ Nominal Capacity	450mAh
Stored for one year or less at 0.5mA, 25°C, 2.0V cut-off	
■ Rated Voltage	3.6V
■ Max. Recommended Continuous Current	10mA
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	
■ Max. Pulse Current	30mA
Current value is obtaining 2.0V cell voltage when pulse is applied for 15 seconds at 50% discharge depth at 25°C	
■ Storage (Recommended Max. Temperature)	30°C
■ Operating Temperature Range	-55°C~ +85°C
■ Approximate Weight	6g

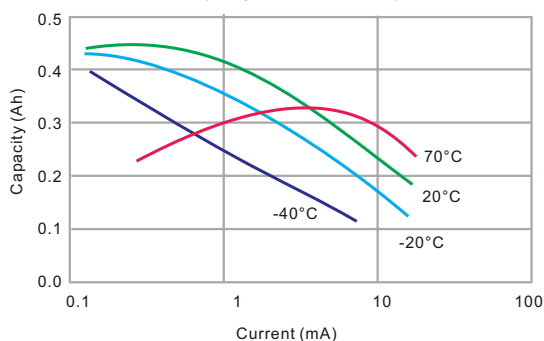
Typical Discharge Profile At 25°C



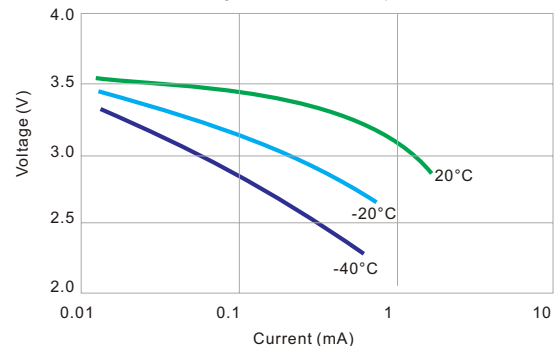
Storage Characteristics



Capacity vs Current vs Temperature



Voltage vs Current 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.