

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

■ Nominal Capacity	2100mAh
Stored for one year or less at 3mA, 25°C, 2.0V cut-off	
■ Rated Voltage	3.6V
■ Cut-off Voltage	2.0V
■ Max. Recommended Continuous Current	400mA
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	1000mA
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	20g

ER14505M Specification

Primary Lithium Thionyl Chloride
3.6V, 2100mAh

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

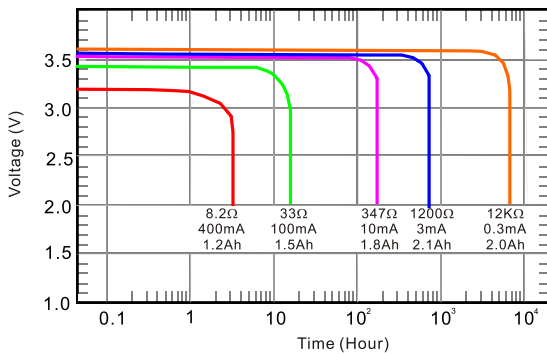


UL Component Recognition
File Number MH45330

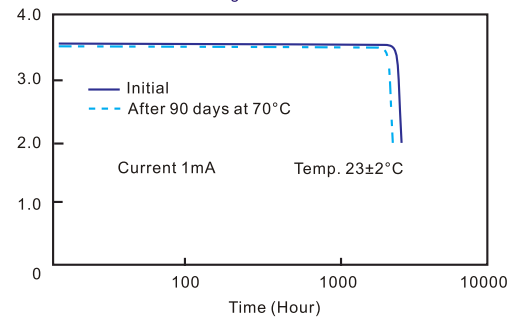
Main Applications

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

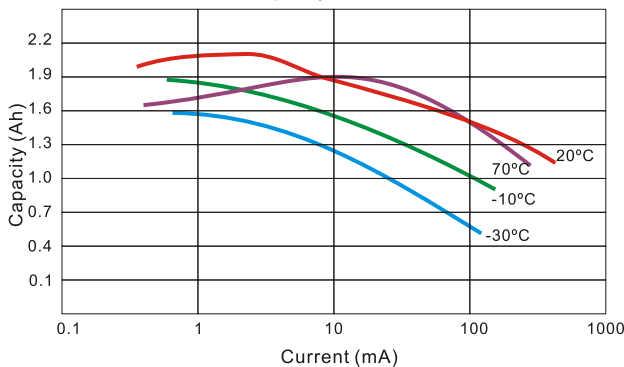
Typical Discharge Profile At 25°C



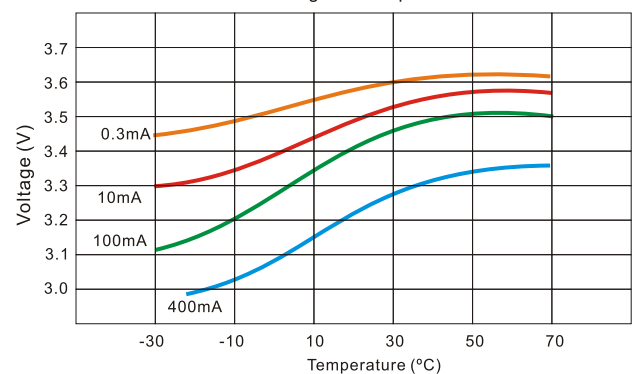
Storage Characteristics



Capacity vs Current



Voltage vs Temperature



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

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