

# ER10450

3.6V / 750mAh

lithium-thionyl chloride batteries

Cellsizereferences:AAA

**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
- Non-flammable electrolyte
- Compliant with IEC 86-4 safety standard
- Non-restricted for transport
- UL Component Recognition  
File Number MH 45782

**MAIN APPLICATIONS:**

- TPMS
- Alarms and security system
- Memory back-up
- Tracking system
- Automotive electronics
- Professional electronics
- Computer real-time clocks

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**ELECTRICAL CHARACTERISTICS:**

( Stored for one year or less )

**Nominal Capacity:** **750mAh**

( 1mA to 2.0V, at 25°C )

**Nominal Voltage:** **3.6V****Max Continuous Discharge current:** **15mA****Max. Pulse Current:** **50mA**

Current value is obtaining 2.0V cell voltage  
when pulse is applied for 15 seconds at 50%  
discharge depth at 25°C

**Storage Temperature:** **20°C ~ 30°C****Operating Temperature:** **-55°C ~ 85°C****Weight ( approx ):** **9g****WARNING:**

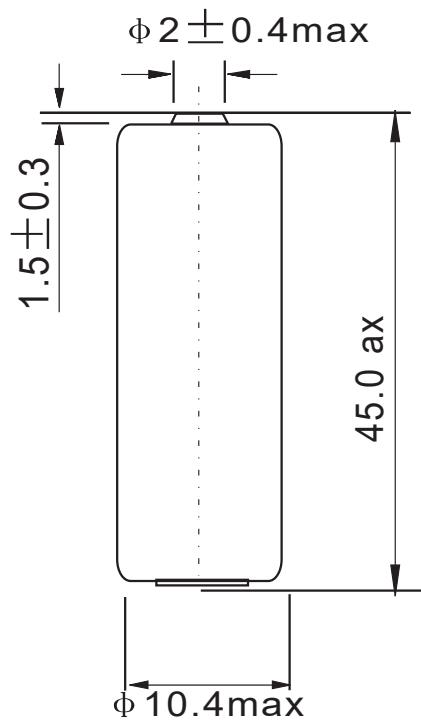
Fire, explosion and severe burn hazard. Do not recharge, crush disassemble heat above 100°C, incinerate or expose contents to water.

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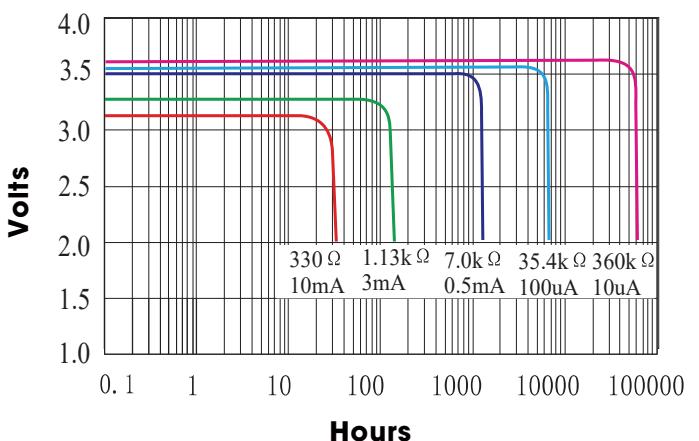
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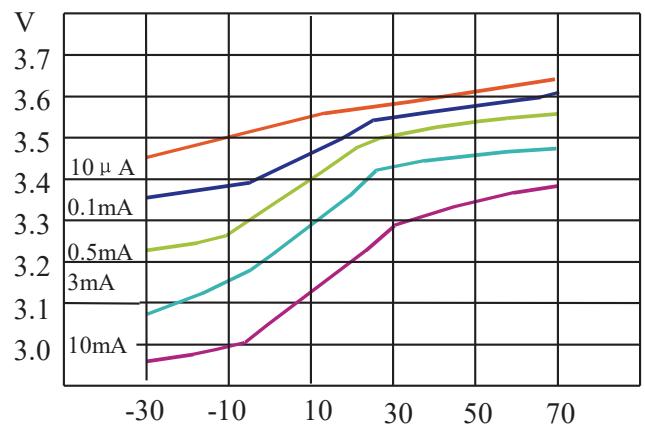
Unit:mm

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

## TYPICAL DISCHARGE AT 25°C



## Voltage Plateau Versus Current and Temperature



## Capacity Versus Current and Temperature

