

ER10450

3.6V / 750mAh

lithium-thionyl chloride batteries
Cell size references: 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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WARNING:

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



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 obtained at 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**

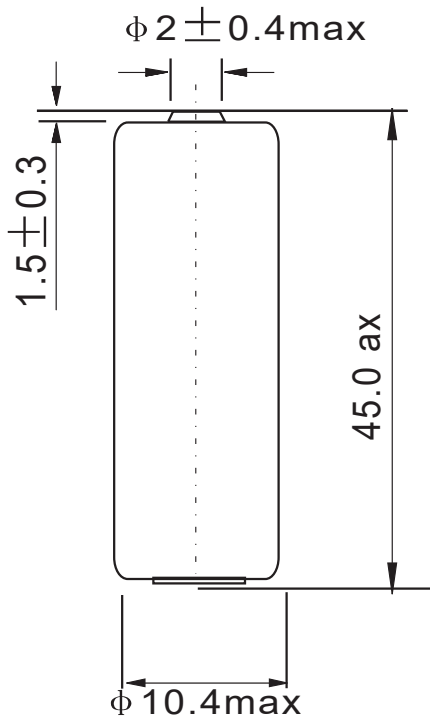
Weight (approx): **9g**

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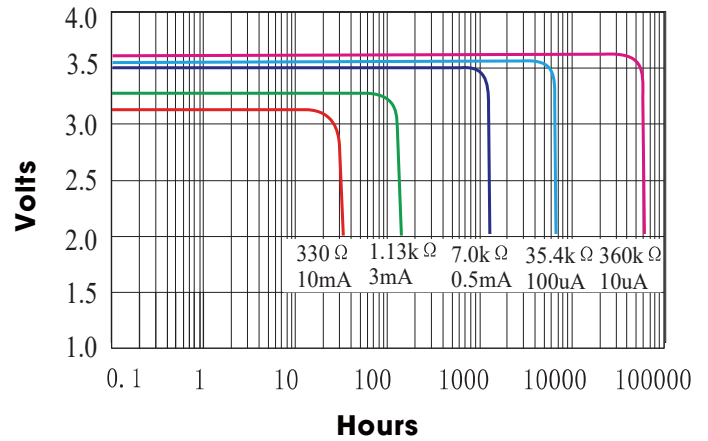
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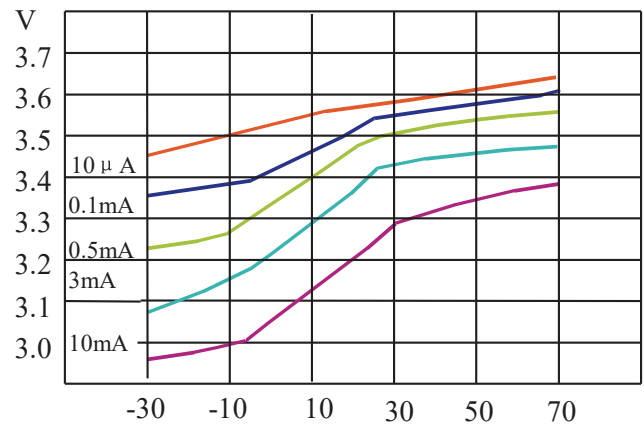
Unit:mm

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

