



LITHIUM PRIMARY BATTERIES



EF 651625
3.6V 750mAh

lithium-thionyl chloride batteries

International size reference: LTC-7PN.

Electrical characteristics

(Typical values for cells stored for one year or less, at 25°C)

Electrical characteristics

(Stored for one year or less)

Normina capacity (At 1mA, +25°C, 2.0V cut off)	750mAh
Rated voltage	3.6V
Max. recommended continuous current <small>Current value is determind to be the level at which of the nominal capacity is obtained with an end voltage of 2.0V at +25°C</small>	10mA
Max. Pulse current	30mA
Rated 1 sec.pulse capacity (to 3V) <small>Pulse capacity varies according to pulse characteristics(frequency duration), temperature, cell history (storage condition prior to usage) and the application's acceptable minimum voltage.</small>	15mA
Storage(recommended max.temperature) (Possible without leakage)	30°C -55°C ~ +120°C
Operating temperature rang <small>Operation at temperature different from ambient may lead to reduced capacity and lowervoltage plateau readings)</small>	-55°C ~ +85°C
Weight(approx)	8g

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

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

WARNING:

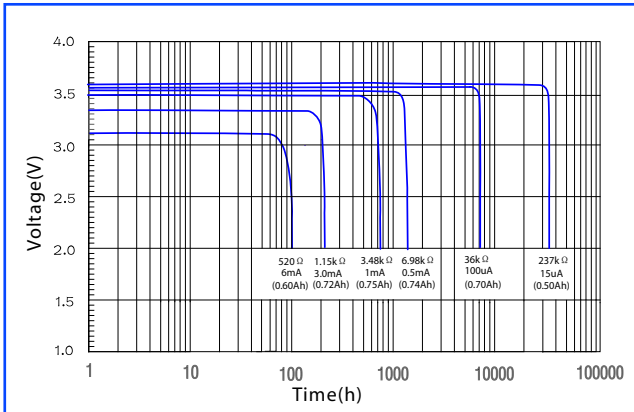
Fire, explosion and severe burn hazard. Do not recharge, crush, disassemble, heat above 100°C, incinerate or expose contents to water.

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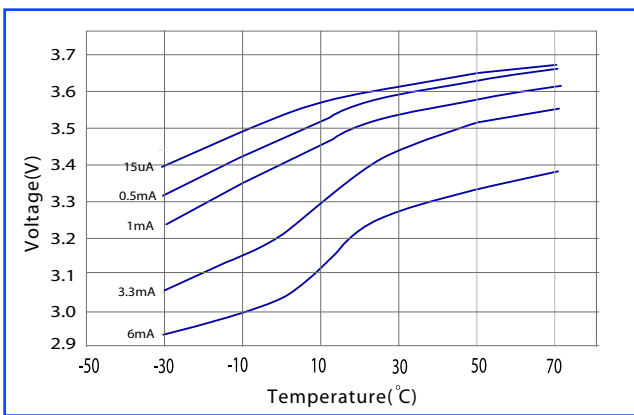
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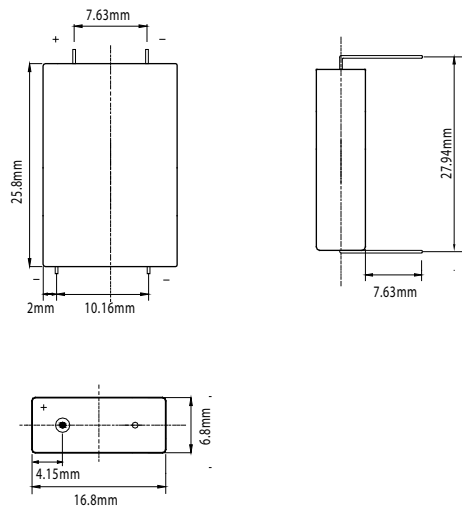
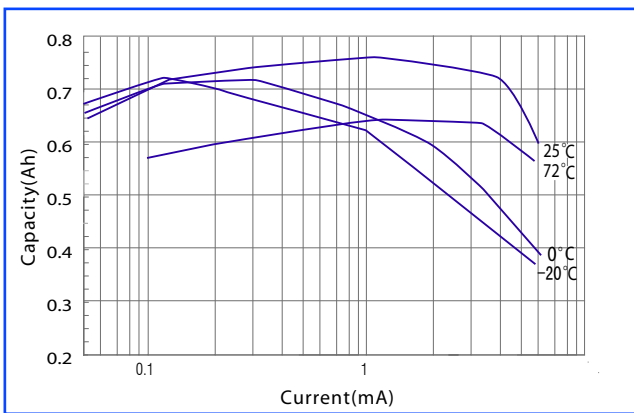
Discharge Characteristics @ 25°



Voltage VS. Temperature



Capacity versus Current



Storage characteristics

