

LITHIUM PRIMARY BATTERIE



EF 702338
3.6V 1600mAh

lithium-thionyl chloride batteries

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)	1600mAh
◦ Rated voltage	3.6V
◦ Max. recommended continuous current 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	20mA
◦ Max. Pulse current	20mA
◦ Rated 1 sec.pulse capacity (to 3V) Pulse capacity varies according to pulse characteristics(frequency duration), temperature, cell history (storage condition prior to usage) and the application □s acceptable minimun voltage.	30mA
◦ Storage(recommended max.temperature) (Possible without leakage)	30°C -55°C ~ +120°C
◦ Operating temperature rang Operation at temperature different from ambient may lead to reduced capacity and lowervoltage plateau readings)	-55°C ~ +85°C
◦ Weight(approx)	19g

WARNING:

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

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

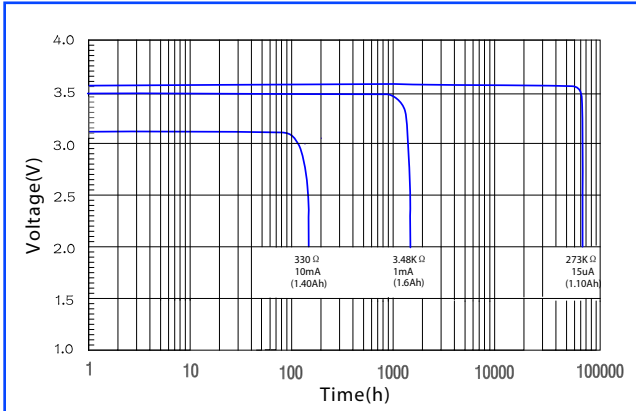
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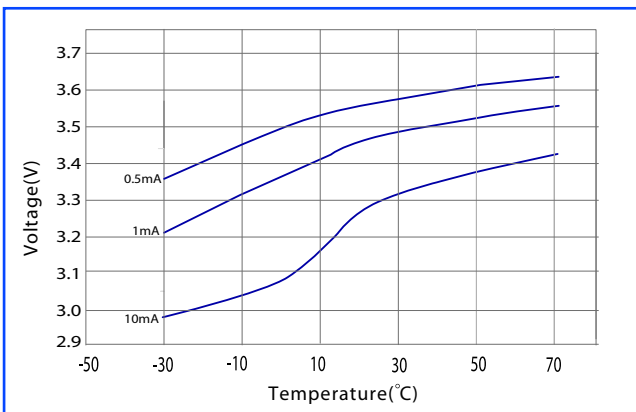
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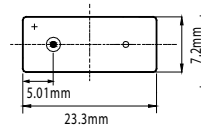
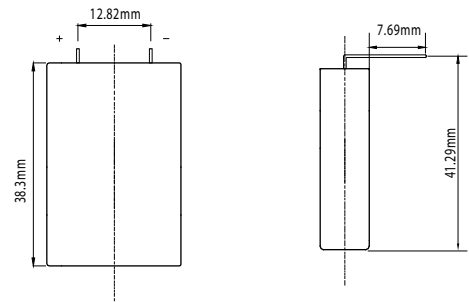
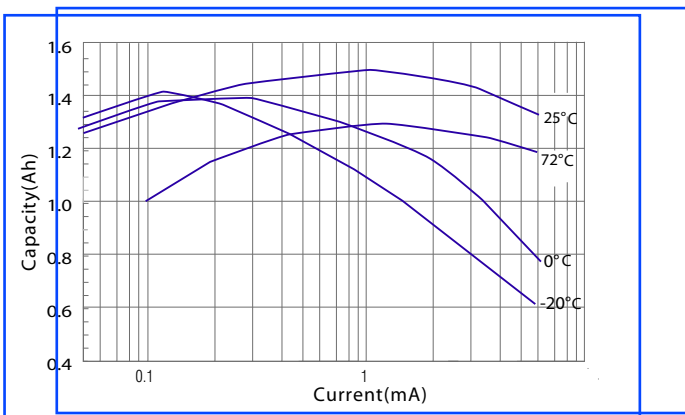
Discharge Characteristics At 25°C



Voltage versus Current



Capacity versus Current



Storage characteristics

