

## ER702338 Specification

Primary Lithium Thionyl Chloride  
3.6V, 1.6Ah

### 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
- Compliant with IEC 86-4 safety standard
- Non-flammable electrolyte

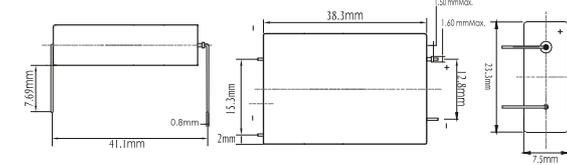
 UL Component Recognition  
File Number MH45330

### Main Applications

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



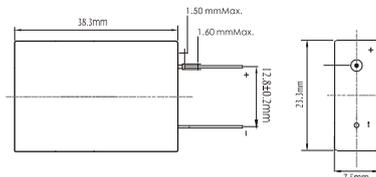
ER702338/4P



### AVAILABLE TERMINATIONS

- Suffix-IP
- Tinned Nickel Pins

ER702338/2P

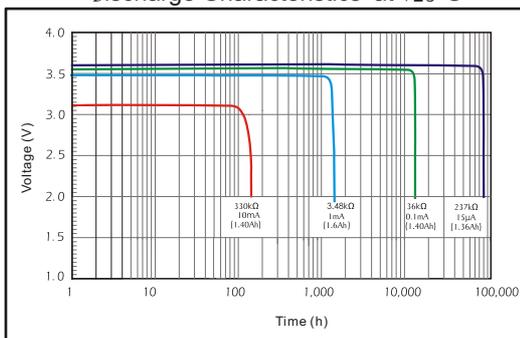


### Electrical characteristics

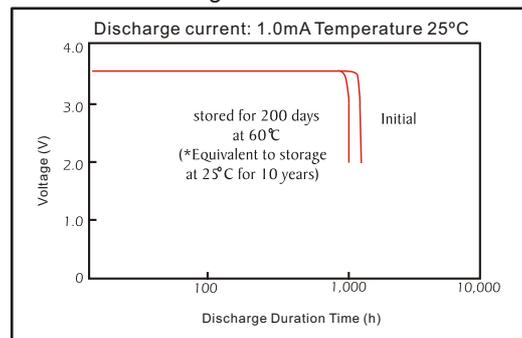
(Typical values for cells stored for one year or less at +25°C)

■ <b>Nominal Capacity</b> .....	1.6Ah
Discharged capacity at 1mA, 25°C to end voltage 2.0V.	
■ <b>Rated Voltage</b> .....	3.6V
■ <b>Max. Recommended Continuous Current</b> .....	20mA
50% capacity available at 100mA discharged to cut-off voltage 2.0V at 25°C	
■ <b>Max. Pulse Current</b> .....	50mA
<b>Rated 1 sec. pulse capability (to 3V)</b> .....	30mA
Pulse capability varies according to pulse characteristics (frequency and duration), temperature, cell history (storage conditions prior to usage) and the application's acceptable minimum voltage.	
■ <b>Storage (Recommended Max. Temperature)</b> .....	lower than 30°C
■ <b>Operating Temperature Range</b> .....	-55°C~ +85°C
■ <b>Approximate Weight</b> .....	19g

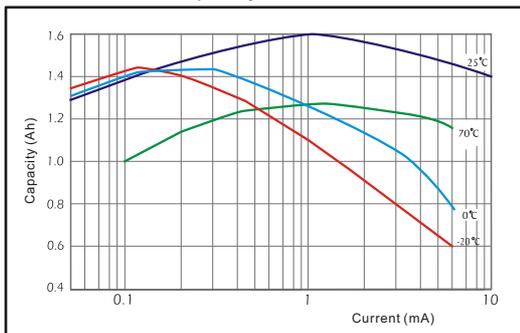
Discharge Characteristics at +25°C



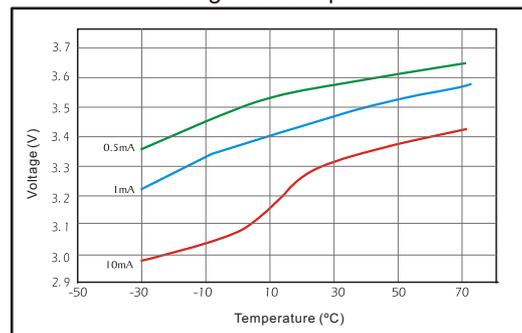
Storage Characteristics



Capacity vs Current



Voltage Vs Temperature



**WARNING:** Risk of fire and burn. Do not recharge, disassemble, heat above 100°C or incinerate. Do not mix fresh batteries with used batteries.

\*\*Note: Any representations in this data sheet concerning performance are for informational purpose only and are not construed as warranties, either expressed or implied, of future performance.