



**Application:** • CMOS Memory Backup • Alarm Sensor  
• Metering Utility • Industrial Controls

**Features:** • U.L. Recognized MH18384 • ISO 9001 Approved



**Specifications:** @23 ± 2 °C & 2.0V Cut-off

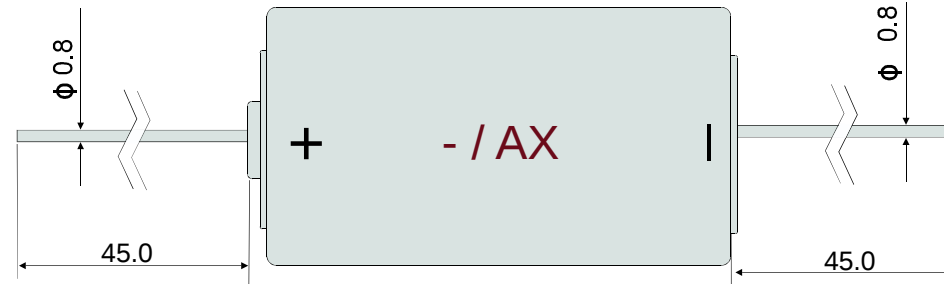
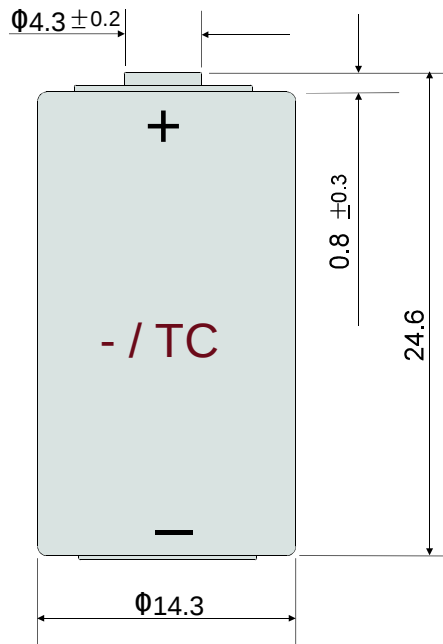
- Open Circuit Voltage(Nominal) ----- 3.6V
- Standard Discharge Current ----- 0.5mA
- Max. Continuous Current ----- 5.0mA
- Max. Pulse Current ----- 50.0mA
- Capacity ----- 1,200mAh
- Weight ----- 9.2g
- Operating Temperature Range ----- -55 °C ~ +85 °C
- Reaction Surface Area ----- 7cm<sup>2</sup>



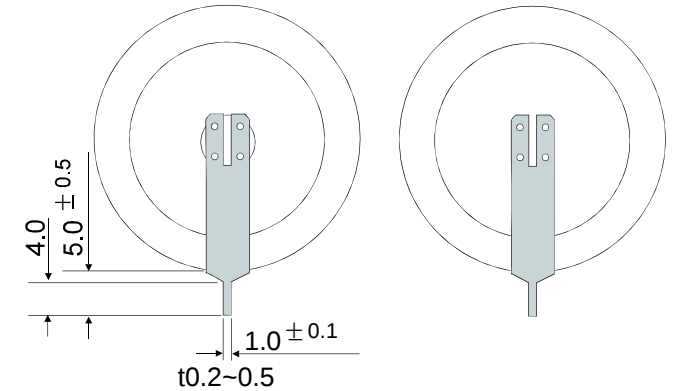
**Available Terminal:**

- -/TC Standard      • -/AX Axial Pins
- -/2P, -/3P, -3PW For Printed Circuit Board      • -/ST Solder Tabs

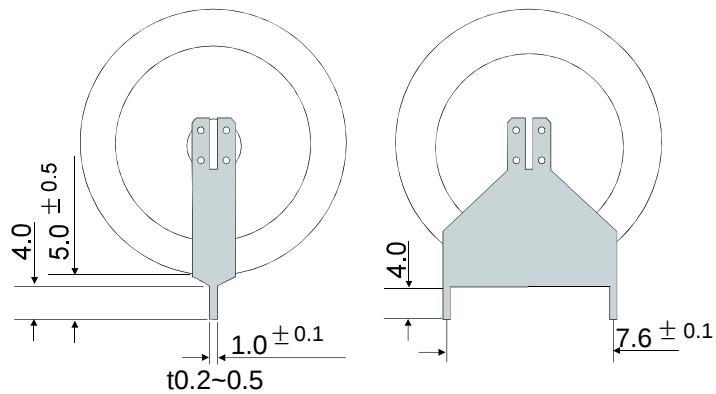
## Available Terminations;



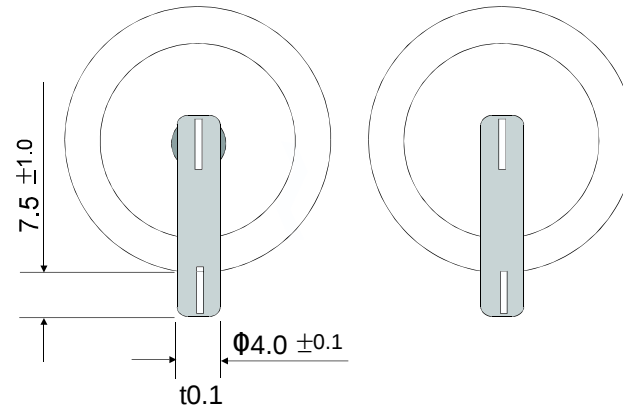
- / 2P



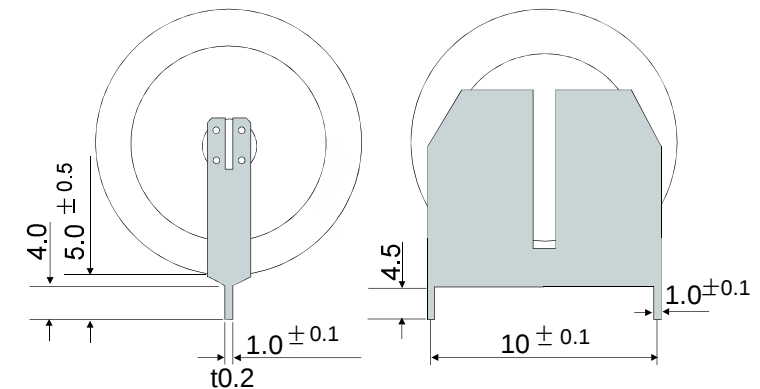
- / 3P



- / ST



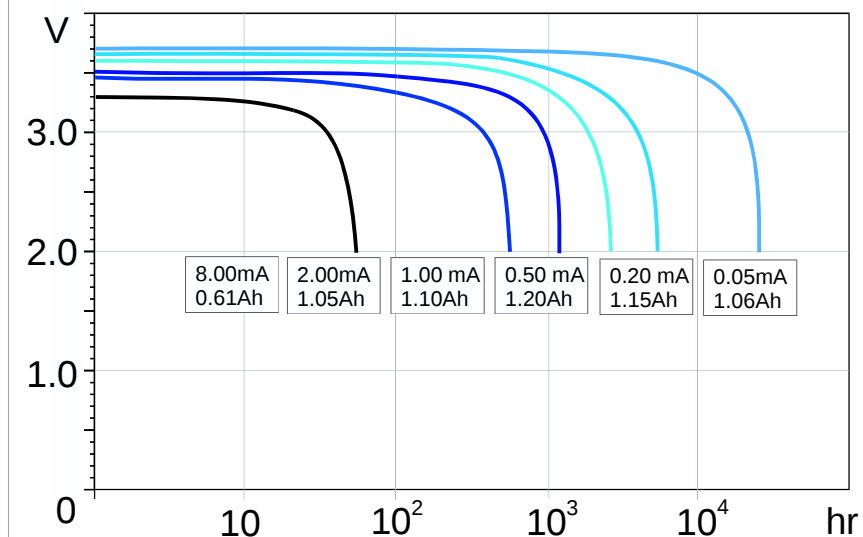
- / 3PW



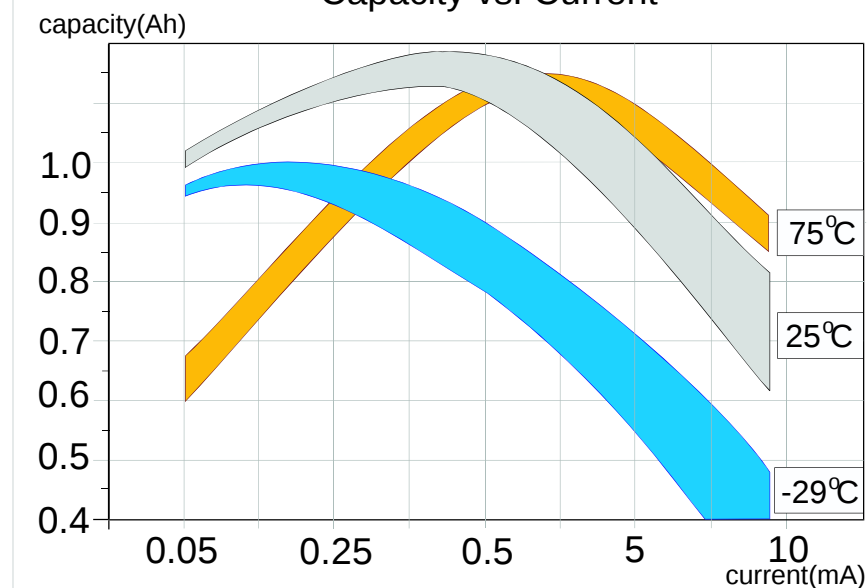
**Warning:**

Fire, Explosion and Severe Burn Hazards.  
Do not Recharge, Crush, Disassemble, Heat above  
212 °F(100 °C), Incinerate, or Expose Contents to Water.

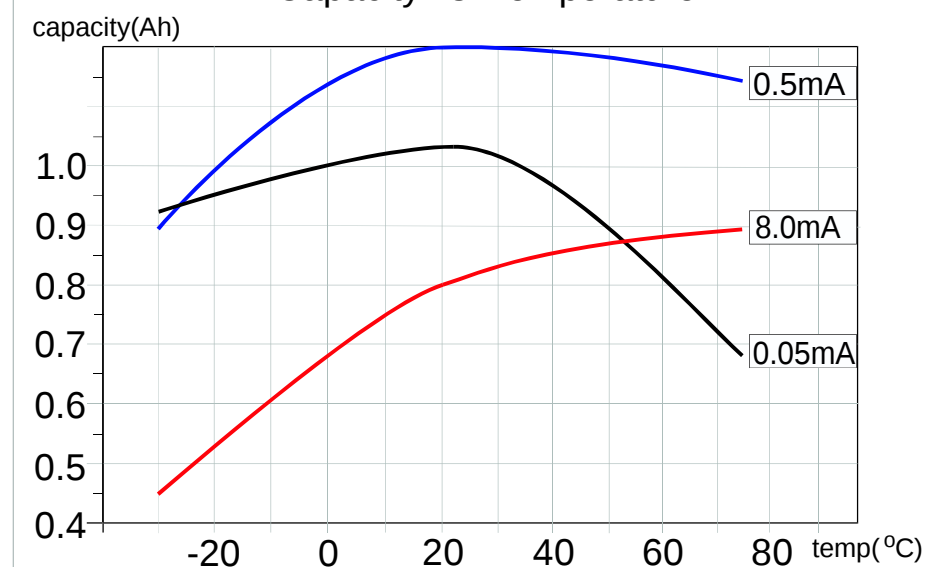
Discharge Characteristics @ +23 °C



Capacity vs. Current



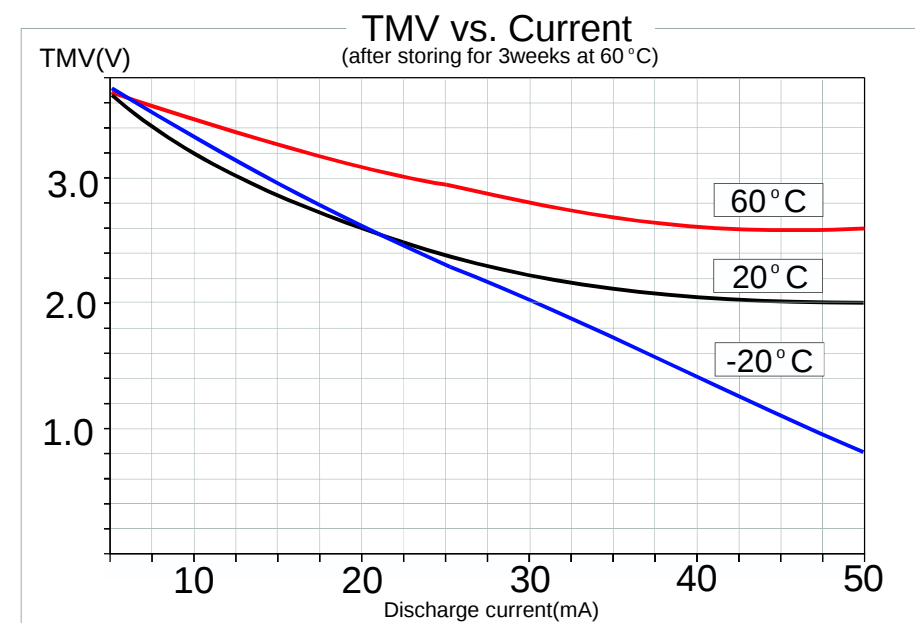
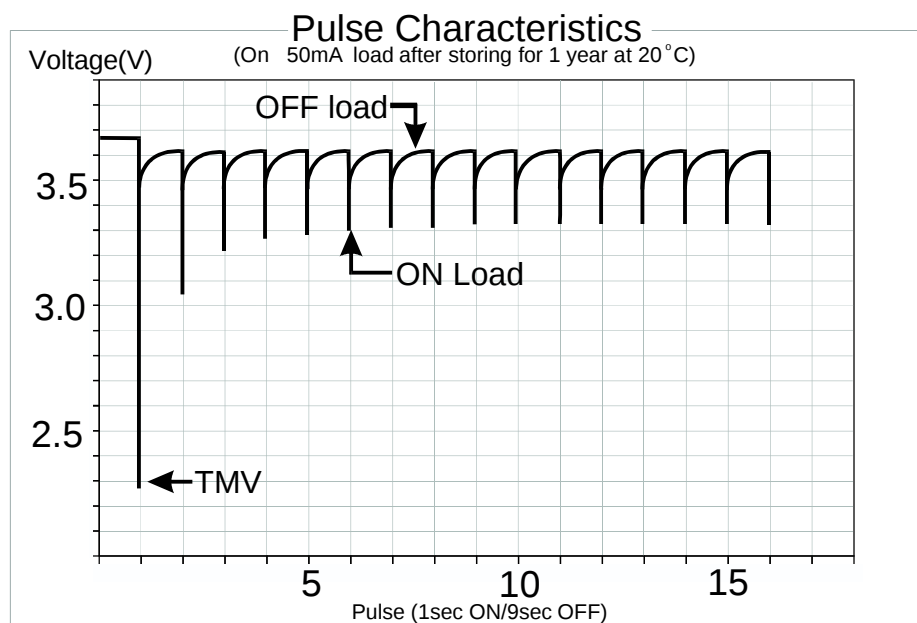
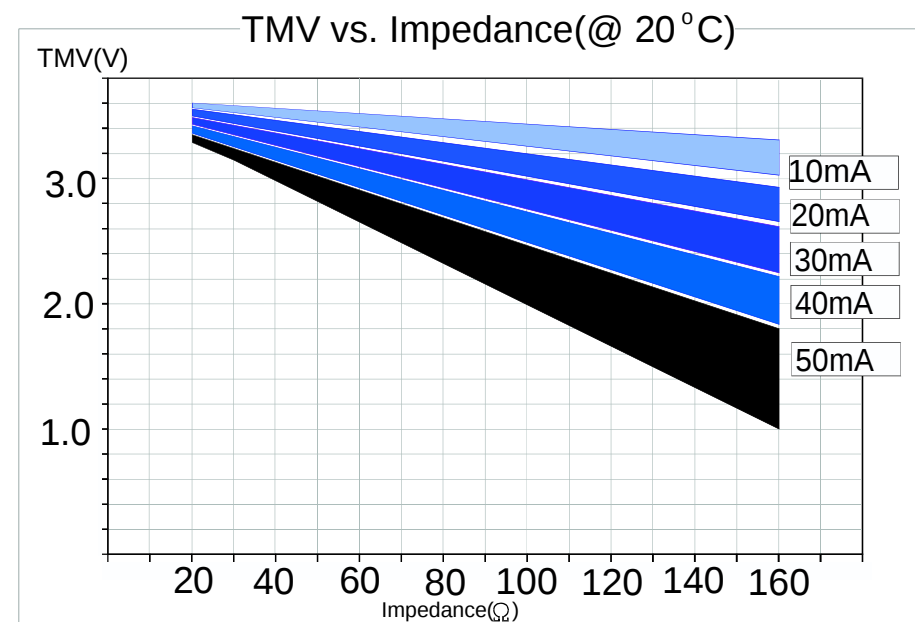
Capacity vs. Temperature



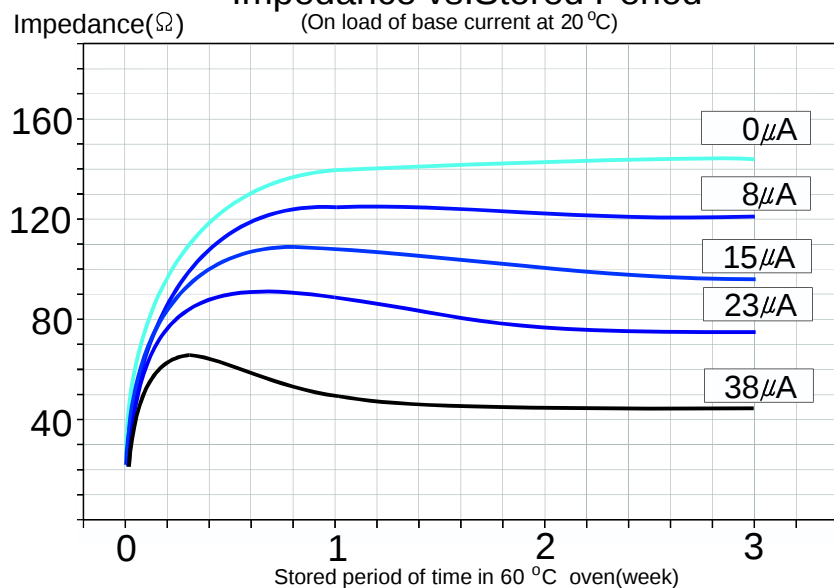
## Transient Minimum Voltage Characteristics

### A Solution for the Initial Voltage Delay

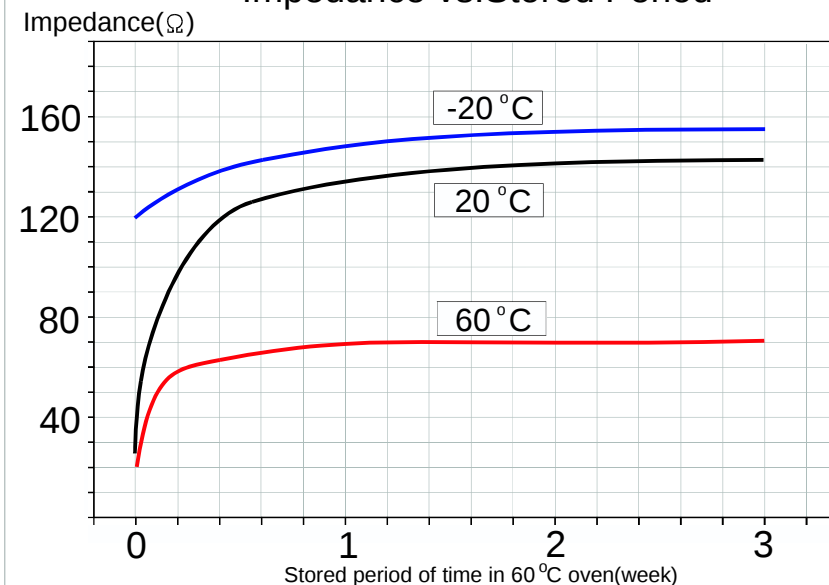
It is necessary to apply a load similar or greater than the maximum current used by the application for the period of more than 1 second, 1 to 3 times prior to the operation of the application to eliminate the initial voltage delay caused by the passivation. Once the depassivation is obtained, standby current of  $2\mu\text{A}/\text{cm}^2$  ( $80\mu\text{A}$ ) for the interface area of the electrodes is suitable to optimize further operation of the application without failure.



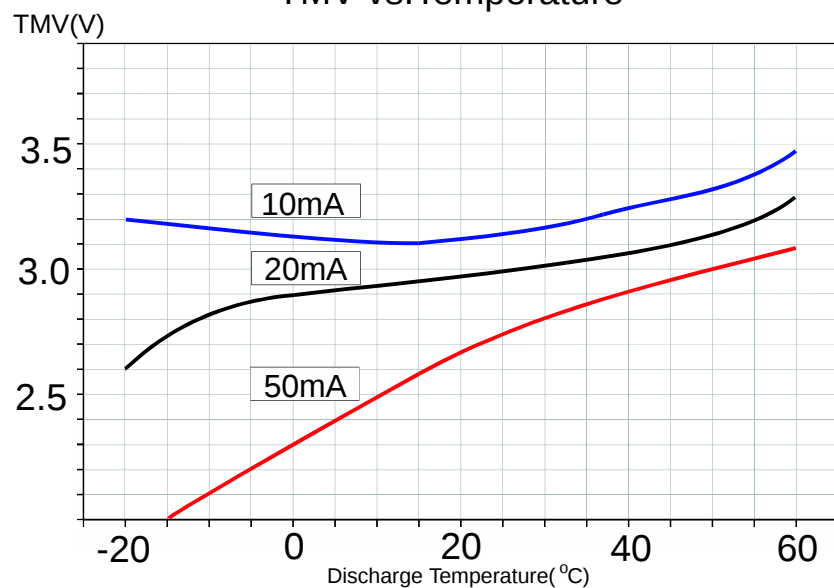
Impedance vs.Stored Period



Impedance vs.Stored Period



TMV vs.Temperature



TMV vs.Current

