





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

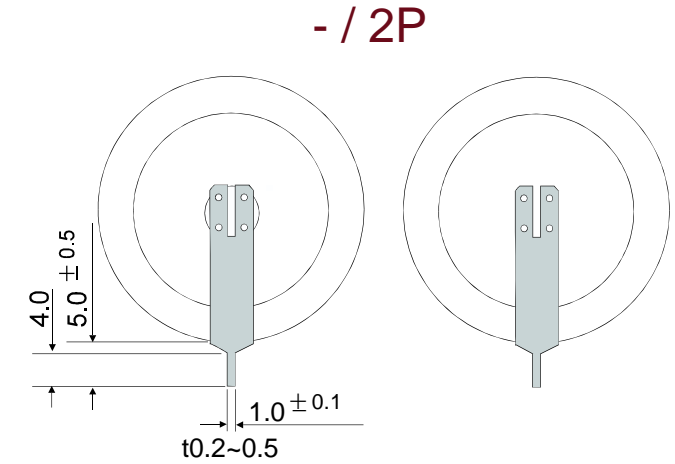
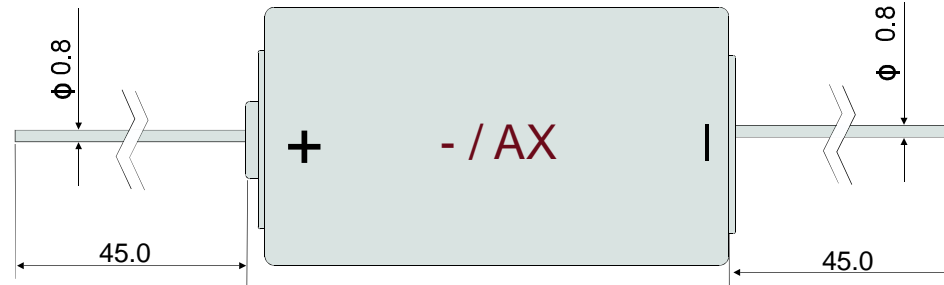
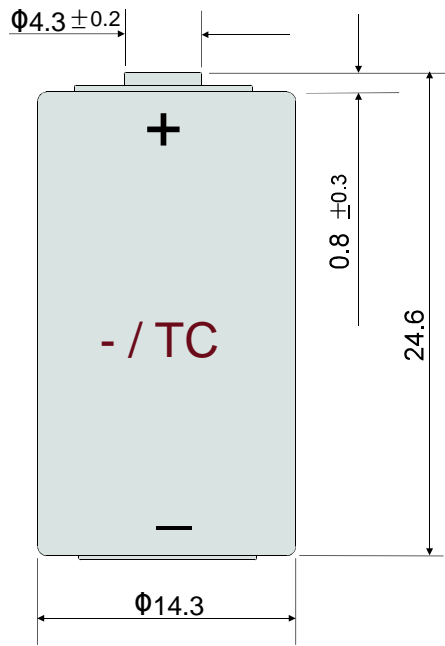
- Open Circuit Voltage(Nominal) ----- 3.6V
- Standard Discharge Current ----- 0.5mA
- Max. Continuous Current ----- 5.0mA
- Max. Pulse Current ----- 50.0mA
- Capacity ----- 1,200mAh
- Weight ----- 9.2g
- Operating Temperature Range ----- -55 °C ~ +85 °C
- Reaction Surface Area ----- 7cm²



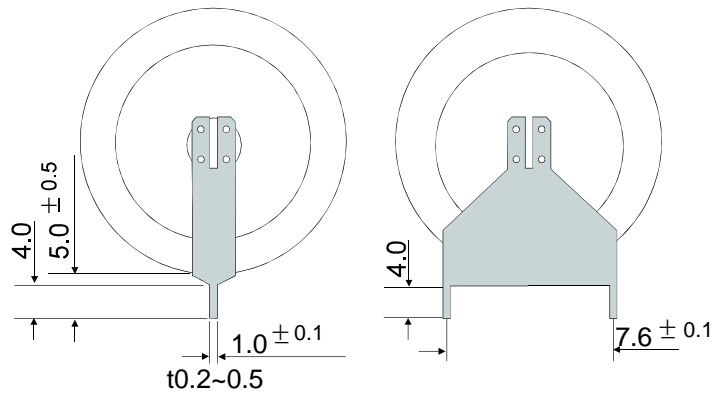
Available Terminal:

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

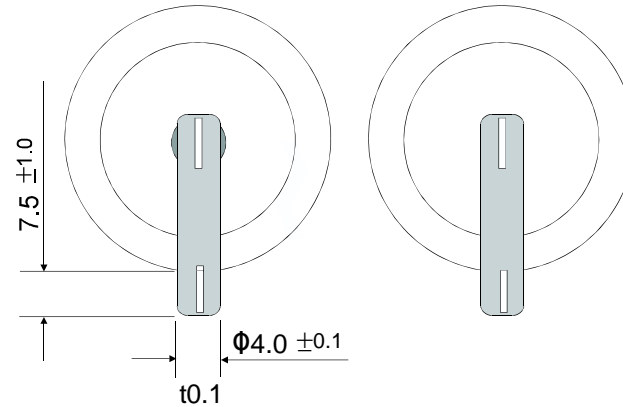
Available Terminations;



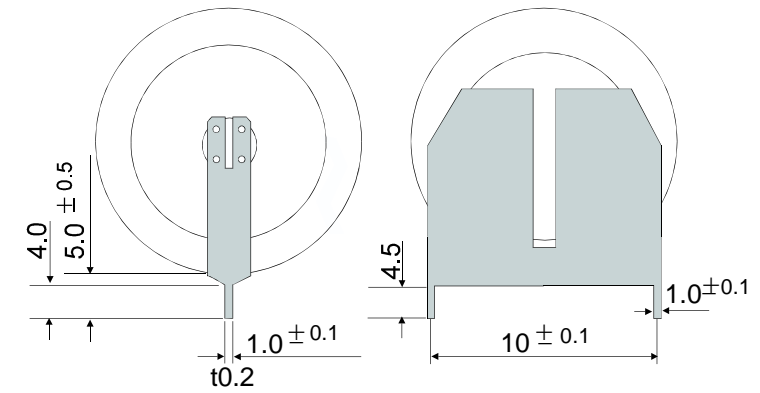
- / 3P



- / ST



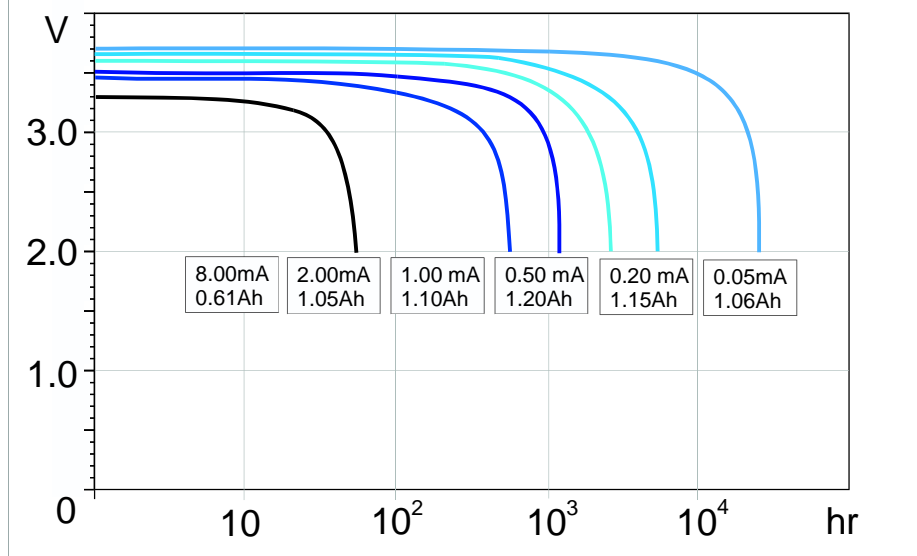
- / 3PW



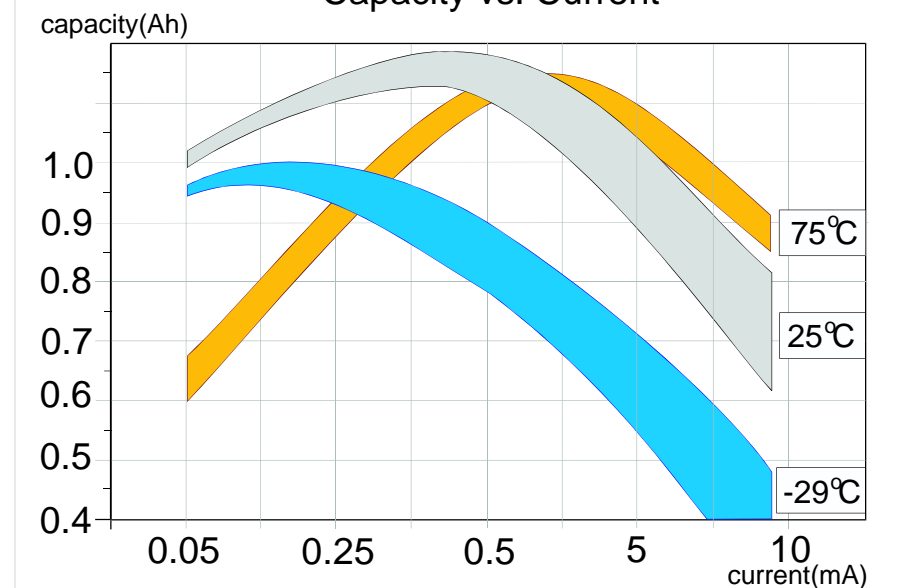
Warning:

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

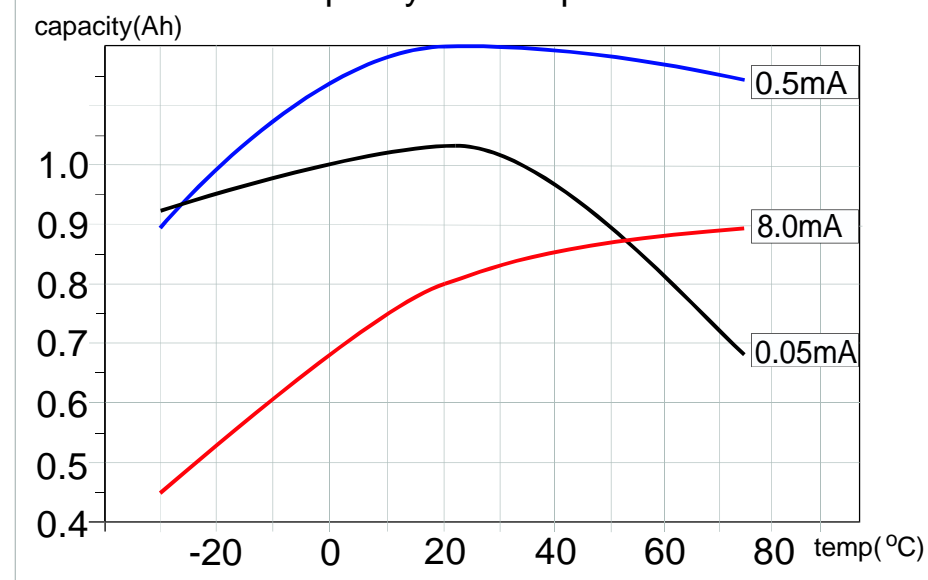
Discharge Characteristics @ +23 °C



Capacity vs. Current



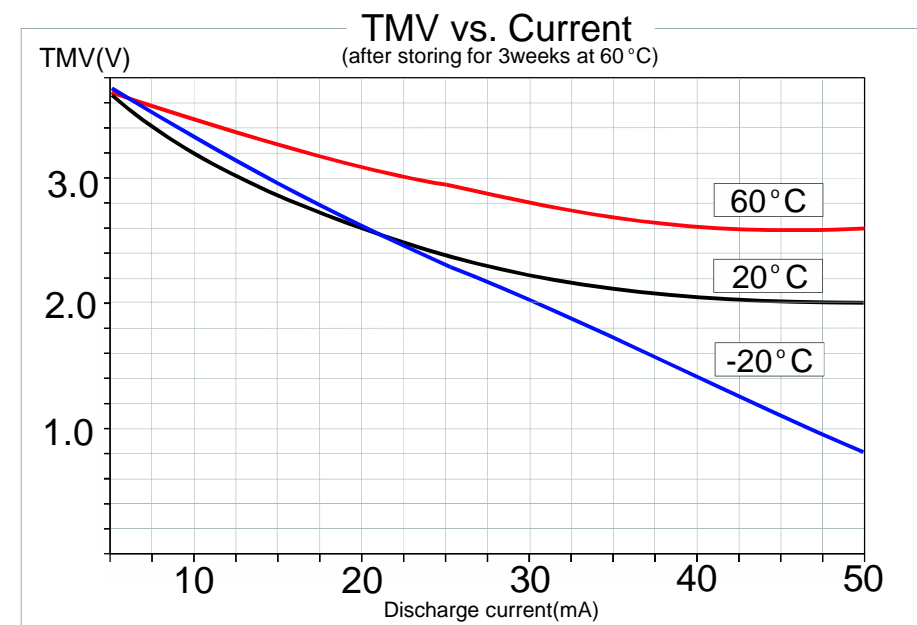
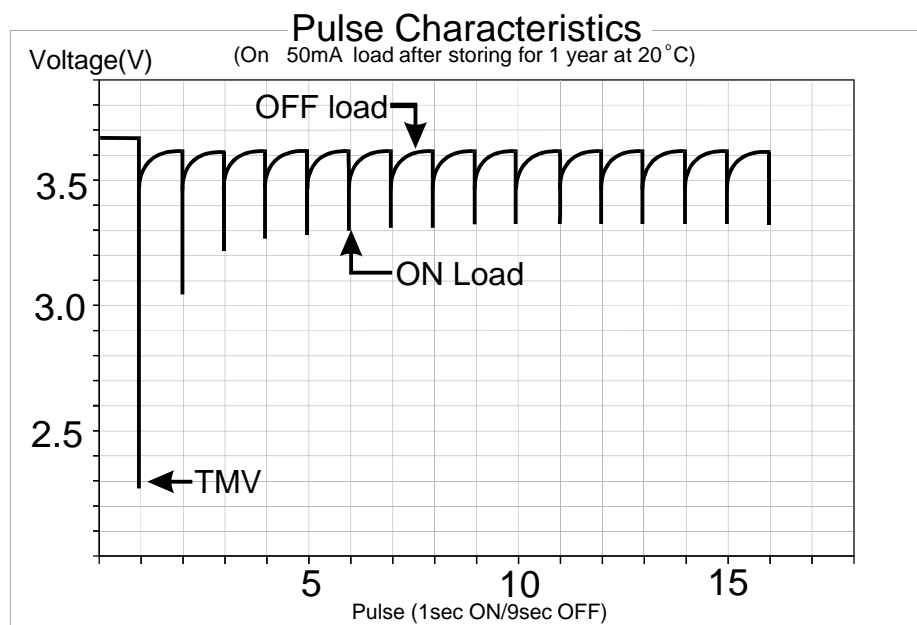
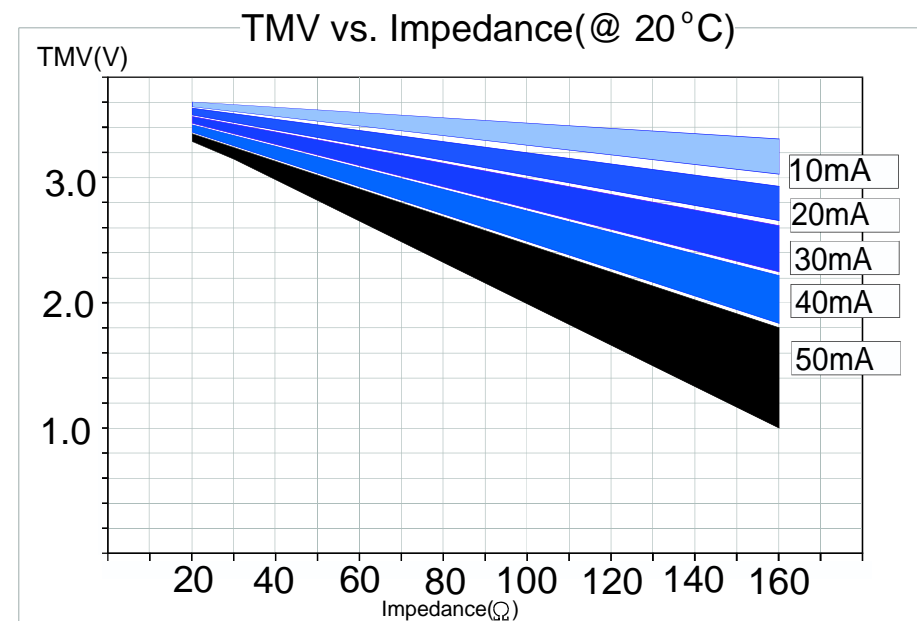
Capacity vs. Temperature



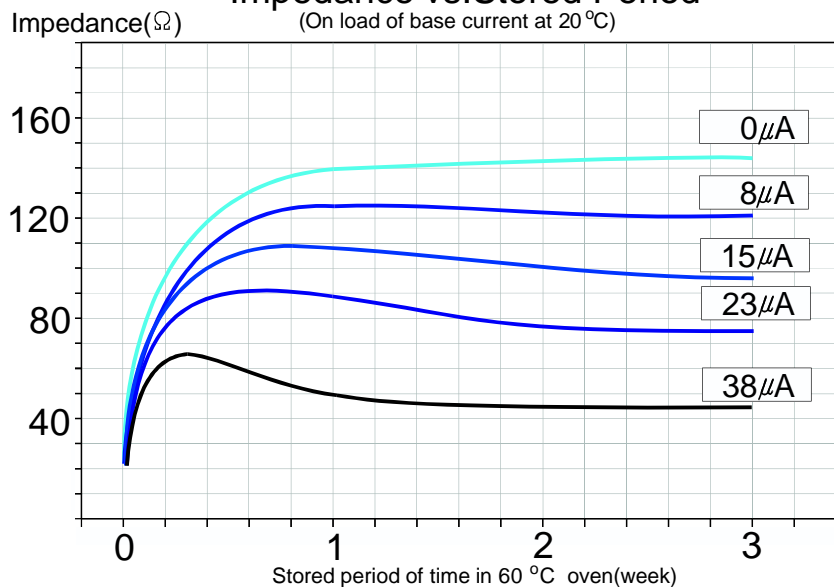
Transient Minimum Voltage Characteristics

A Solution for the Initial Voltage Delay

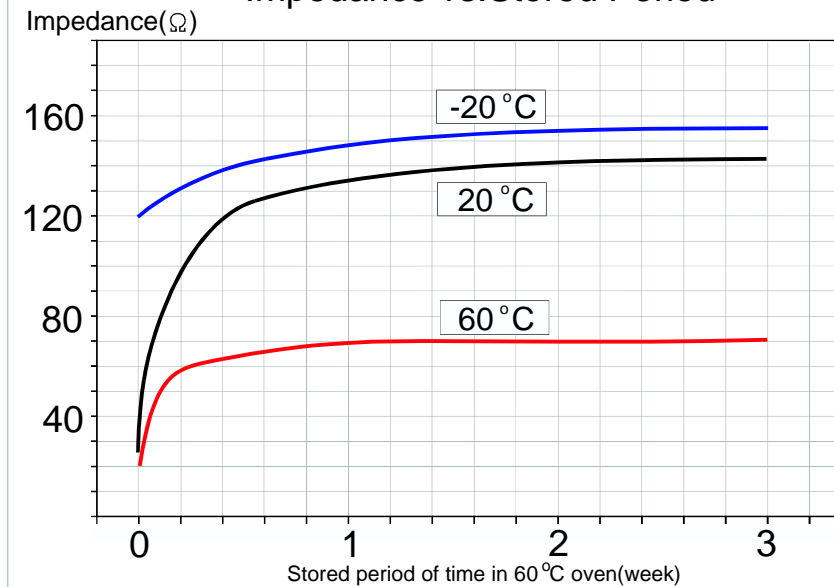
It is necessary to apply a load similar or greater than the maximum current used by the application for the period of more than 1 second, 1 to 3 times prior to the operation of the application to eliminate the initial voltage delay caused by the passivation. Once the depassivation is obtained, standby 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.



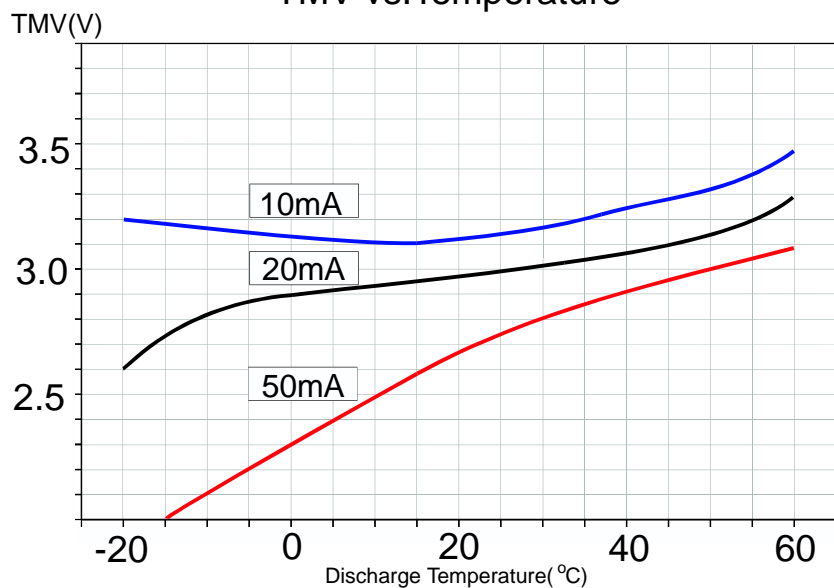
Impedance vs. Stored Period



Impedance vs. Stored Period



TMV vs. Temperature



TMV vs. Current

