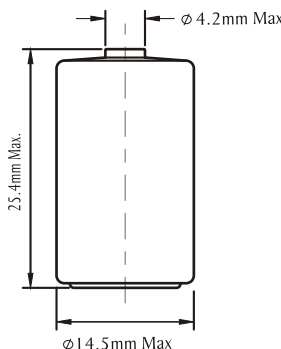


FU-PL-14250

Lithium-thionyl Chloride
(Li-SOCl₂) Battery



AVAILABLE TERMINATIONS

- Suffix-/S - Standard
- Suffix-/P - Axial Pins
- Suffix-/T - Solder Tabs
- Suffix-/2PT - Radial Pins
- Suffix-/3PT/3TP - Radial Pins

View available terminations

International size reference: 1/2AA

ELECTRICAL CHARACTERISTICS	
(typical values for cells stored for one year or less, at 25°C)	
Nominal capacity (At 4.0 mA, +25°C, 2.0V cut off. The capacity restored by the cell varies according to current drain, temperature and cut off voltage.)	1.20Ah
Nominal voltage	3.6V
Maximum recommended continuous current (To get 50% of the nominal capacity at +25C° with 2.0V cut off. Higher currents possible, consult EVE.)	15mA
Pulse capability Typically up to 300mA (300mA/0.1 second pulses, drained every 2 min at 25°C from undischarged cells with 10µA base current, yield voltage readings above 3.0V. The readings may vary according to the pulse characteristics, the temperature, and the cell's previous history. Fitting cell with a capacitor may be recommended in severe conditions. Consult FULLWAT.)	
Storage (recommended) (for more severe condition consult EVE)	30°C max
Operating temperature range (Operation at temperature different from ambient may lead to reduced capacity and lower voltage plateau readings.)	-60°C/ +85°C
Typical weight	10g

⚠ WARNING:


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

KEY FEATURES

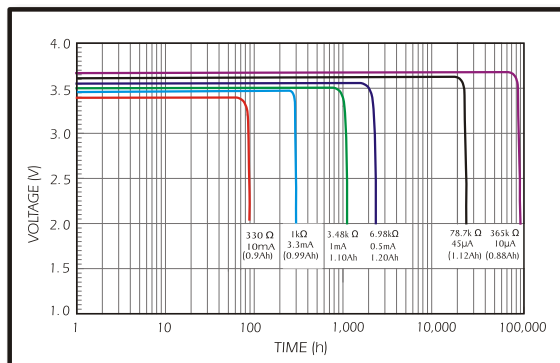
- High and stable operating voltage.
- High minimum voltage during pulsing.
- Low self discharge rate (less than 1% after 1 year of storage at +25°C).
- Stainless steel container.
- Hermetic glass-to-metal sealing.
- Non-flammable electrolyte.
- Non restricted for transport.
- Compliant with IEC 86-4 safety standard and EN 50020 intrinsic safety.

MAIN APPLICATIONS

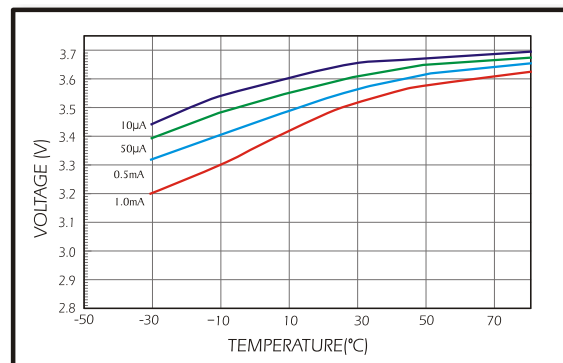
- Utility metering.
- Alarms and security devices.
- Memory back-up.
- Tracking systems.
- Automotive electronics
- Professional electronics.
- ...etc.

 Underwriters Laboratories (UL)
Component Recognition
(File Number MH28717)

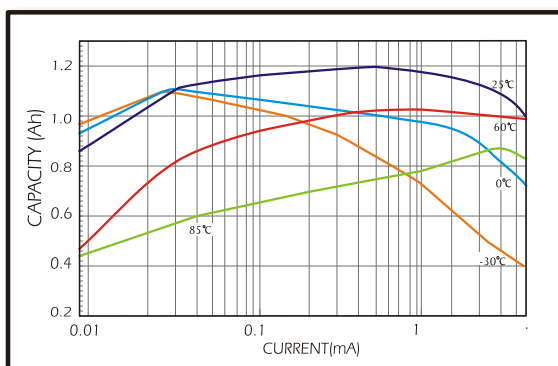
1. DISCHARGE CHARACTERISTICS @ +25°C



2. VOLTAGE VS. TEMPERATURE



3. CAPACITY VS. CURRENT



4. STORAGE CHARACTERISTICS

