



For low drain/long term operating applications requesting. Good voltage response in $-55^{\circ}\text{C}\sim 125^{\circ}\text{C}$ environments, such as: TPMS(Tire Pressure Monitor System).

International size reference: LTC-3PN

ELECTRICAL CHARACTERISTICS

(typical values for cells stored for one year or less, at 25°C)

| | |
|--|---|
| Nominal capacity | 0.40Ah |
| (At 0.5 mA, $+25^{\circ}\text{C}$, 2.0V cut off. The capacity restored by the cell varies according to current drain, temperature and cut off voltage.) | |
| Nominal voltage | 3.6V |
| Maximum recommended continuous current | 10mA |
| (To get 50% of the nominal capacity at $+25^{\circ}\text{C}$ with 2.0V cut off. Higher currents possible, consult EVE.) | |
| Maximum pulse current capability | 20mA |
| Rated 1 sec. pulse capability(to 3V) | 10mA |
| 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. | |
| Storage (recommended) | 30°C max |
| (for more severe condition consult EVE) | |
| Operating temperature range | $-60^{\circ}\text{C}/ +125^{\circ}\text{C}$ |
| (Operation at temperature different from ambient may lead to reduced capacity and lower voltage plateau readings.) | |
| Typical weight | 6g |

EF651615T

Lithium-thionyl Chloride
(Li-SOCl₂) Battery

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 $+25^{\circ}\text{C}$)
- ✓ 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
- UL Underwriters Laboratories (UL) Component Recognition (File Number MH28717)

MAIN APPLICATIONS

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

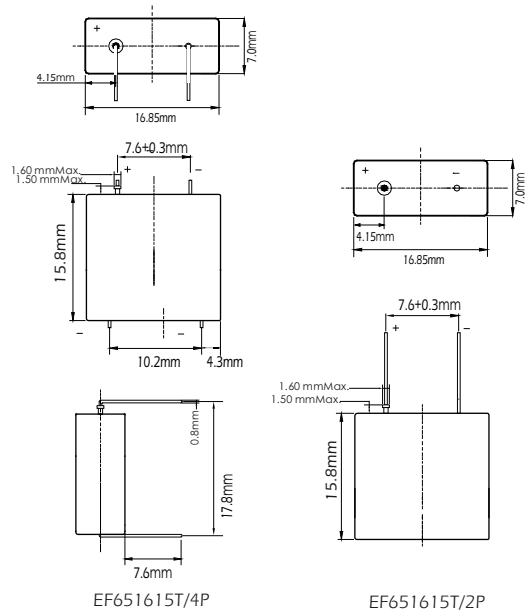
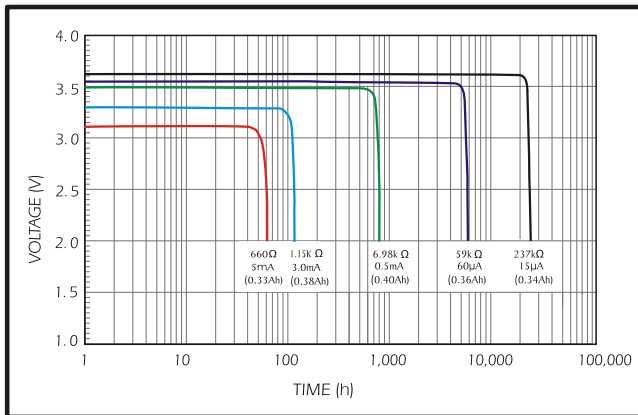
WARNING:

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

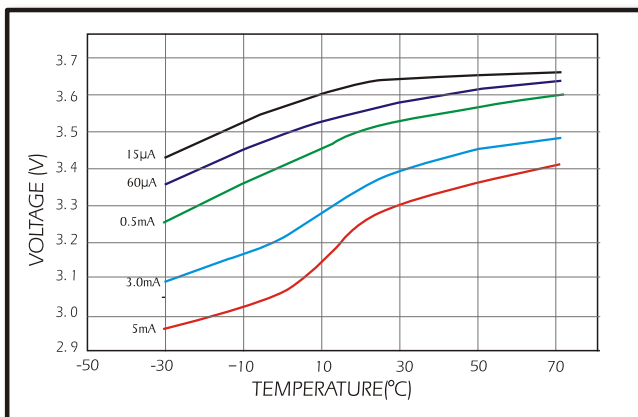
Note: Any representations in this data sheet concerning performance are for informational purpose only and are not construed as warranties, either expressed or implied, of future performance.

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1. DISCHARGE CHARACTERISTICS@+25°C



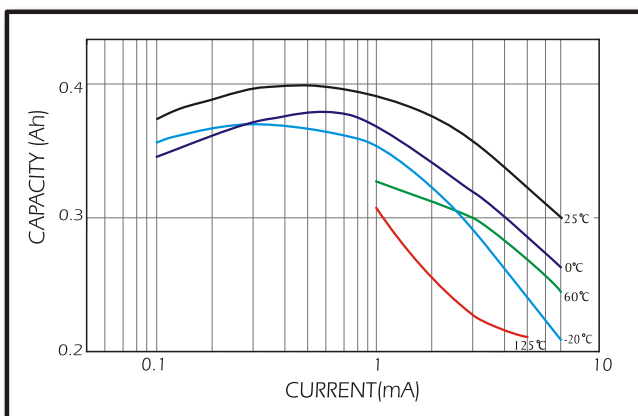
2. VOLTAGE VS. TEMPERATURE



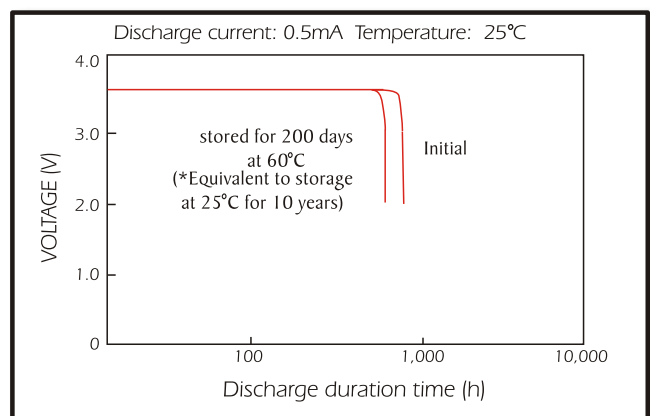
AVAILABLE TERMINATIONS

Suffix-IP Tinned Nickel Pins

3. CAPACITY VS. CURRENT



4. STORAGE CHARACTERISTICS



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Latest version can be downloaded from the EVE website

May 2010