



For low drain / long term operating applications requesting good voltage response in $-40^{\circ}\text{C}\sim+125^{\circ}\text{C}$ environments, such as TPMS(Tire Pressure Monitor System).

International size reference: 1/6D .

Electrical characteristics

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

● Nominal capacity		1.4Ah
(At 1.0mA, $+25^{\circ}\text{C}$, 2.0V cut off. The capacity restored by the cell varies according to current drain, temperature and cut off voltage.)		
● Rated 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		50mA
● Rated 1 sec.pulse capability(to 3V)		20mA
Pulse capability varies according to pulse characteristics (frequency duration), temperature, cell history (storage conditions prior to usage) and the application' s acceptable minimum voltage.		
● Storage	(recommended)	30°C max
	(possible without leakage)	$-55^{\circ}\text{C}\sim+120^{\circ}\text{C}$
● Operating temperature range		$-40^{\circ}\text{C}\sim+125^{\circ}\text{C}$
(Operation at temperature different from ambient may lead to reduced capacity and lower voltage plateau readings.)		
● Typical weight		24g

⚠ WARNING:

Fire, explosion and severe burn hazard. Do not recharge, crush, disassemble, heat above 150°C , incinerate, or expose contents to water. Do not solder directly to the cell.

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

ER32L100T

Lithium-thionyl Chloride
(Li-SOCl₂) Battery

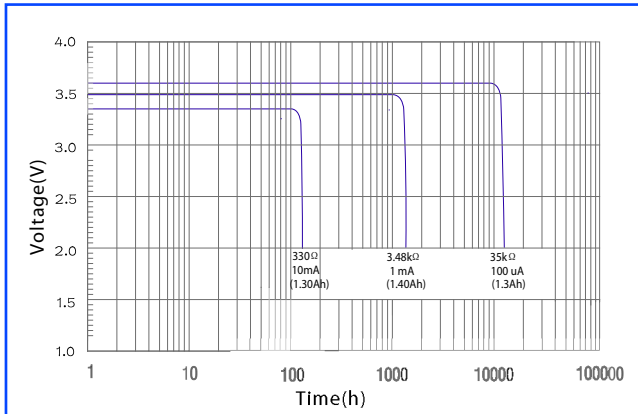
KEY FEATURES

- ✓ 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
- ✓ Compliant with IEC 86-4 safety standard and EN 50020 intrinsic safety
- ✓ Non restricted for transport
- ⚡ Underwriters Laboratories (UL) component Recognition (File Number MH 28717)

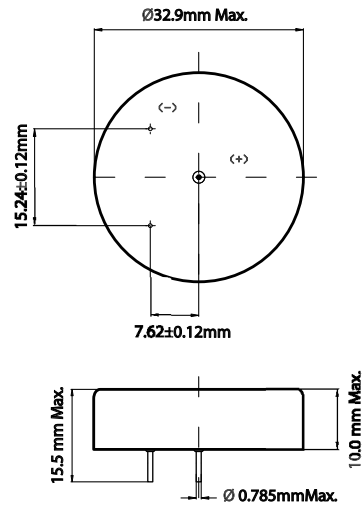
MAIN APPLICATIONS

- ✓ Tire Pressure Monitor System
- ✓ Alarms and security devices
- ✓ Memory back-up
- ✓ Tracking systems
- ✓ Automotive electronics
- ✓ Professional electronics ... etc.

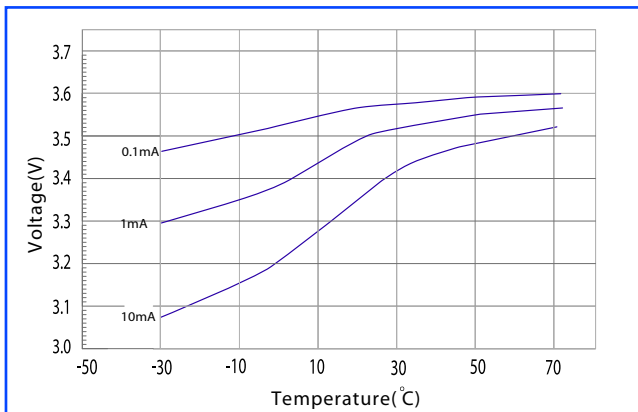
1. DISCHARGE CHARACTERISTICS@+25°C



ER32L100T



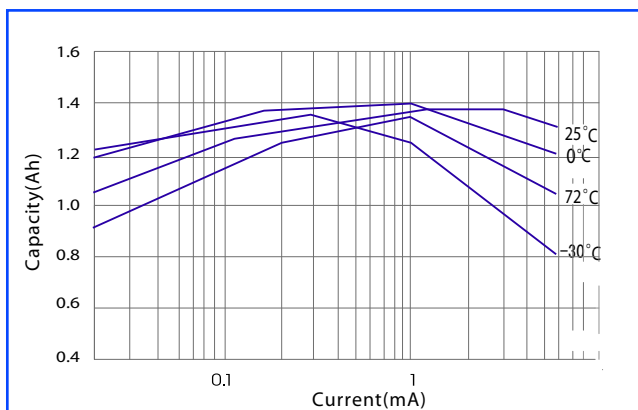
2. VOLTAGE VS. TEMPERATURE



AVAILABLE TERMINATIONS:

Suffix -P Tinned Nickel Pins

3. CAPACITY VS. CURRENT



4. STORAGE CHARACTERISTICS

