

P/N: ER32100
 SIZE: 1/6D

HIGH ENERGY LITHIUM CELL
 Lithium Thionyl Chloride (Li/SOCl₂)

CROSS REFERENCE
 TL-5135, TL-4935, HP-5135

ELECTRICAL CHARACTERISTICS

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

Rated voltage:	3.6V
Nominal capacity: (At 1mA, +25°C, 2.0V cut off. Discharge capacity may vary with current drain, temperature and cut off voltage)	1.7Ah
Maximum recommended continuous current:	10mA
Maximum pulse current:	50mA
Operating temperature range: (Operation at different temperatures may lead to changes in capacity)	-55°C / +85°C (-67°F / +185°F)
Storage temperature (recommended max.):	+30°C
Cell diameter (max.):	32.9mm
Cell height (max.):	10.0mm
Typical weight:	24g

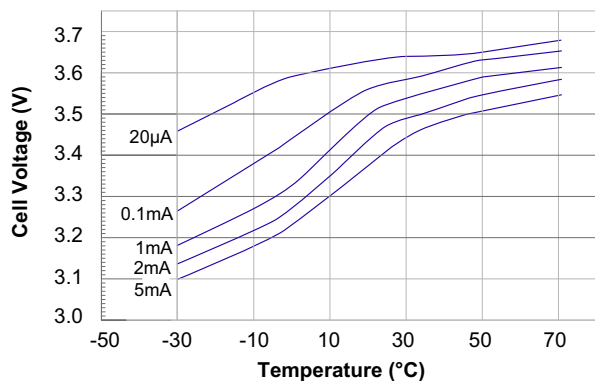
Features

- Stainless steel container
- Hermetic glass-to-metal sealing
- Extreme long operation
- Very low self discharge rate
- Wide range operation temperature
- UL Recognition File No. MH45994

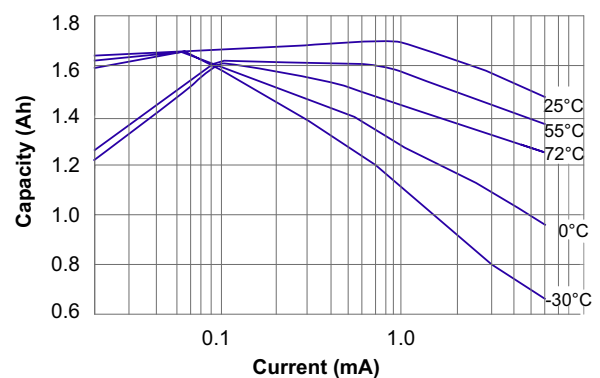
Applications

- AMR / Utility metering
- Electronic toll collection
- Radio communication
- Alarms / security systems
- RF transmitters
- Medical equipment
- Memory back-up
- Automotive electronics

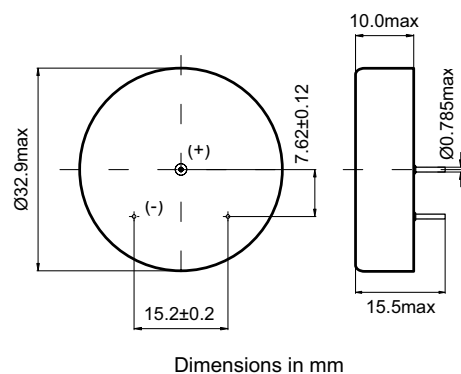
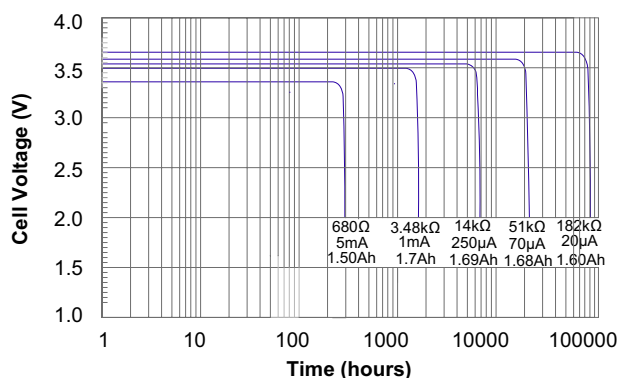
Voltage versus Current and Temperature



Capacity versus Current and Temperature



Typical Discharge Profile at 25°C



Product specifications are subject to change without prior notice. Any presentation in this data sheet concerning performance is for information purpose only and not warranties, either expressed or implied, of future performance.

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