

P/N: ER17505M

**HIGH POWER SPIRAL LITHIUM CELL**  
Lithium Thionyl Chloride (Li/SOCl<sub>2</sub>)

**SIZE: A**

**Electrical Characteristics**

(For a cell in storage for one year or less at max. 30°C storage temperature)

Nominal voltage:	3.6V
Rated capacity: (At 5mA, +25°C and 2.0V cut off. Discharge capacity may vary with drain level, temperature and cut off voltage)	2800mAh
Maximum recommended continuous current:	1000mA
Maximum pulse current: 2000mA pulse in 0.1 second every 2 minutes on base current 25µA from a cell 50% drained at 5mA, 25°C, yielding voltage over 2.7V The value may vary subject to operation conditions.	2000mA
Operating temperature range: (Operation at different temperatures may lead to changes in capacity)	-55°C / +80°C (-67°F / +176°F)
Typical weight:	26g

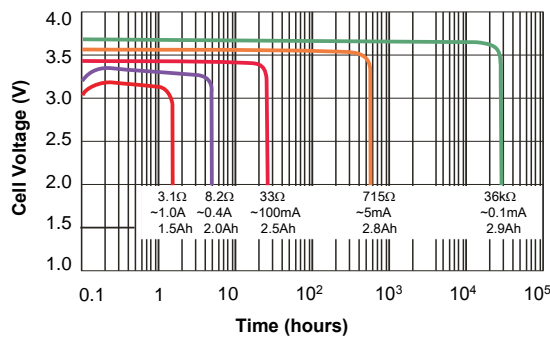
**Features**

- Stainless steel container
- Hermetic glass-to-metal sealing
- Pressure release design
- High drain/pulse capacity
- UL Recognition File No. MH45994

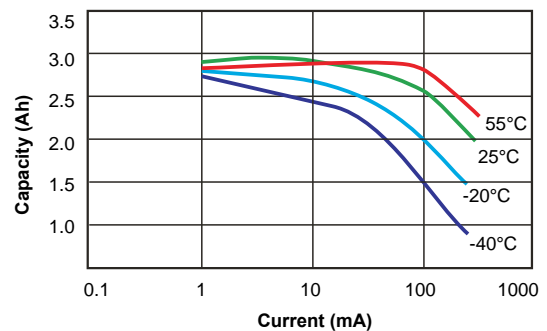
**Applications**

- Military
- Radio communication
- Alarms and security systems
- Emergency location transmitters
- Metering systems

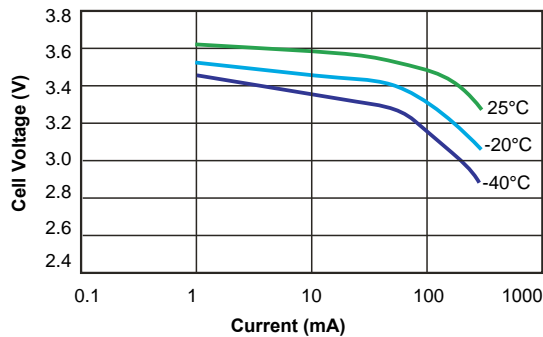
**Typical discharge profile at 25°C**



**Capacity versus Current and Temperature**



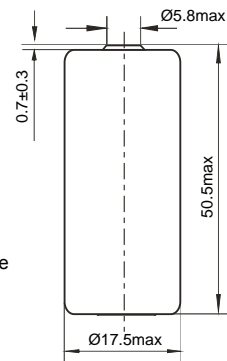
**Voltage versus Current and Temperature**



**Available terminations**

- /P: Axial leads
- /T, -/PT2: Radio pins
- /PT, -/TP: Polarized tabs
- Custom terminations available upon request

Dimensions in mm



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.