

P/N: BL-7PN-ST  
BL-7PN-ST2

HIGH TEMPERATURE LITHIUM CELL  
Lithium Thionyl Chloride (Li/SOCl<sub>2</sub>)

CROSS REFERENCE  
N/A

**Electrical Characteristics**

|   |                   |
|---|-------------------|
| Nominal voltage                                 | 3.6V              |
| Nominal capacity: (at 1mA @+25°C, 2.0V cut-off) | 750mAh            |
| Maximum recommended continuous current:         | 10mA              |
| Maximum pulse current capacity                  | 30mA              |
| Operating temperature range:                    | -40°C to +125°C   |
| Dimensions (length * width * height):           | 1.00"x0.65"x0.25" |
| Typical Weight:                                 | 8 grams           |
| Lithium Content (for transportation):           | 0.21 grams        |

Leads are solder tinned, diameter 0.8mm (0.031"). Case negative polarity.

**Features**

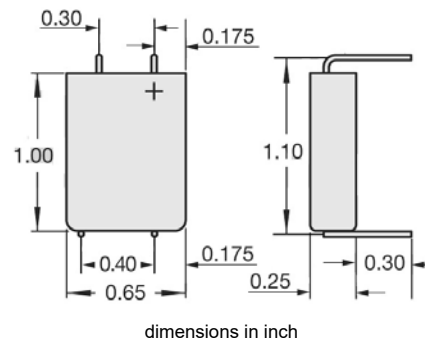
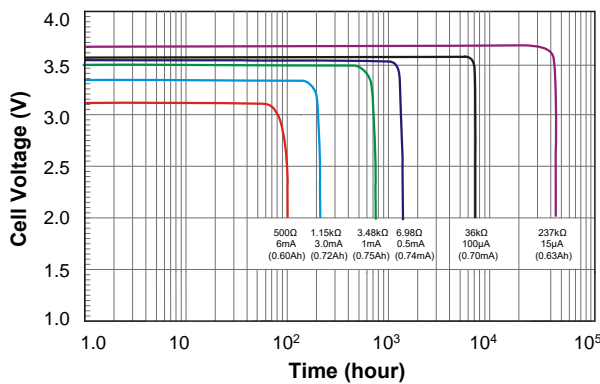
- High & stable operating voltage
- High energy density
- Reliable and longer performance
- Long shelf life over 10 years
- Stainless steel construction
- Hermetic glass-to-metal seal
- UL recognition file No. MH45994

**Applications**

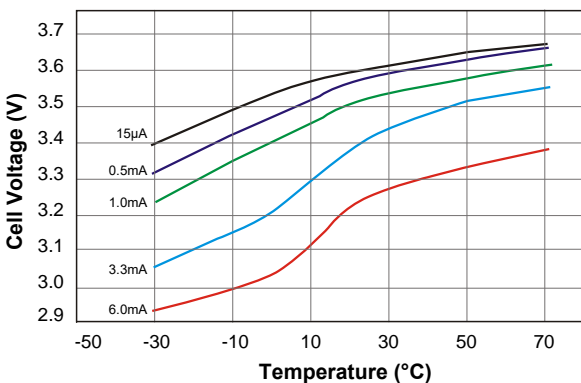
- Special utility meters
- Tracking and data logging
- Mining and oil well drilling
- Remote transmitting systems
- Automobile monitoring devices
- Electronics equipment

**Cell Performance**

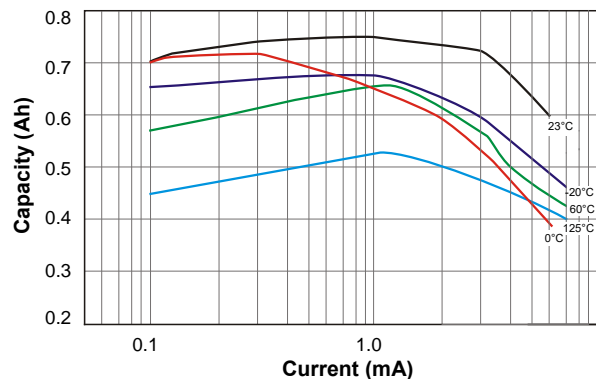
**Discharge Characteristics @25°C**



**Voltage versus Current and Temperature**



**Capacity versus Current and Temperature**



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.