

Lithium Thionyl Chloride Battery

Model No.	BL-7PN	BL-7PN-S2	BL-7PN-S4	BL-7PN-S6	BL-7PN-S20, -S40
Cross Ref.	LTC-7PN	LTC-7PN-S2	LTC-7PN-S4	LTC-7PN-S6	N/A

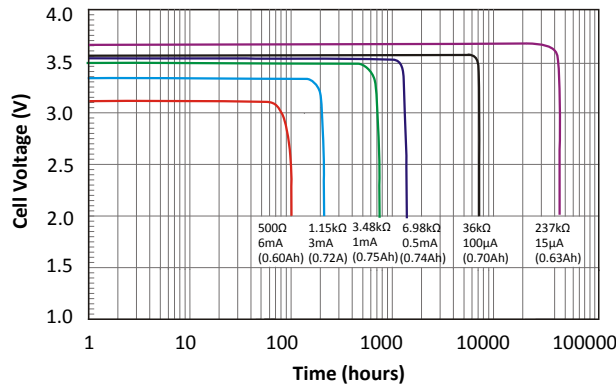
- Hermetic glass-to-metal sealing
- Stainless steel construction
- High energy density & working voltage
- Wide range operating temperature
- Optimized utilization of board space
- Shelf life over 10 years at room temperature
- Annual self-discharge rate 1% or less
- UL Recognition File No. MH45994

Specifications (typical values for cells stored 12 months or less @23±2°C)

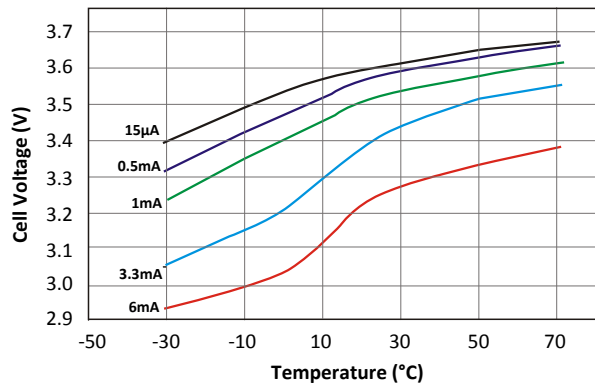
Nominal Capacity (at 1mA @25°C, cut-off 2.0V)	750 mAh
Rated Voltage	3.6V
Max Recommended Continuous Current	10 mA
Max Pulse Current Capacity	30 mA
Operating Temperature (-67°F/+185°F)	-55°C/+85°C
Storage Temperature (recommended) 86°F max.	+30°C max.
Typical Weight	8 g
Lithium Content (transportation):	0.19 g

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

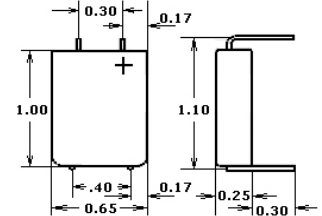
Typical Discharge Profile @25°C



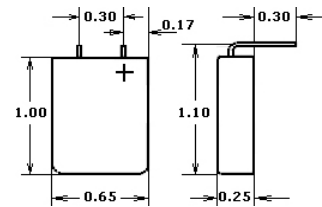
Voltage versus Current and Temperature



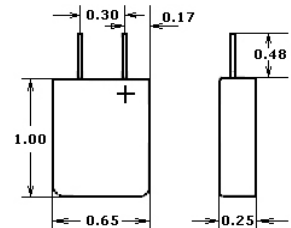
BL-7PN



BL-7PN-S2

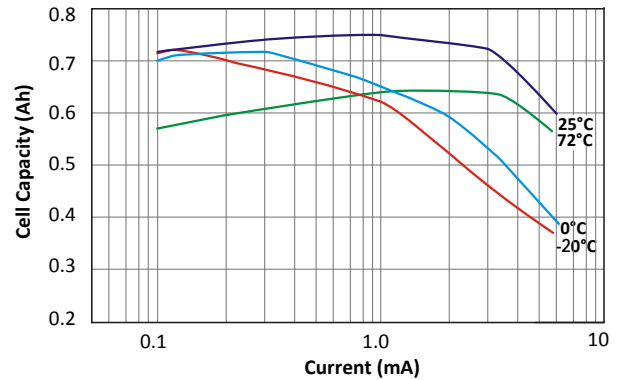


BL-7PN-S4



Dimensions in inch

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.