

Lithium Thionyl Chloride Battery

Part Number	Cross Reference	Capacity	Dimensions
BL-7PN	LTC-7PN	750mAh	1.00"x0.65"x0.25"
BL-7PN-S2	LTC-7PN-S2	750mAh	1.00"x0.65"x0.25"
BL-7PN-S4	LTC-7PN-S4	750mAh	1.00"x0.65"x0.25"
BL-7PN-S6	LTC-7PN-S6	750mAh	1.00"x0.65"x0.25"
BL-7PN-S20	N/A	750mAh	1.00"x0.65"x0.25"

Other models are available, including high temperature cell (125°C) BL-7PN-ST.

Features

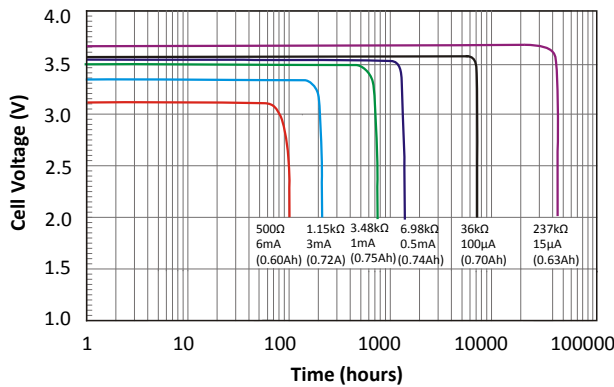
- Hermetic glass-to-metal sealing
- Stainless steel construction
- High energy density & working voltage
- Wide range operating temperature
- Optimized utilization of board space
- Over 10 years shelf life
- UL Recognition File No. MH45994

Specifications (Typical values for cells stored 12 months or less @25°C)

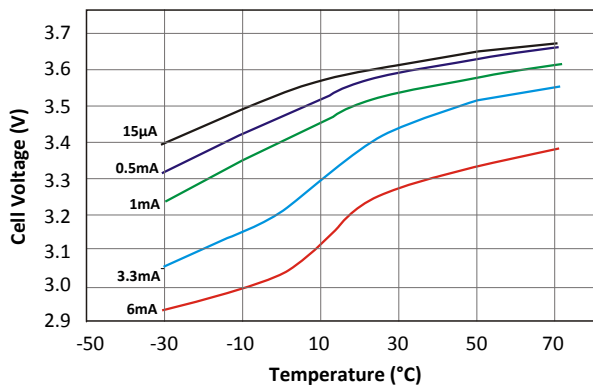
Nominal Capacity (at 1mA @25°C, cut-off 2.0V)	750mAh
Rated Voltage	3.6V
Max Recommended Continuous Current	10mA
Max Pulse Current Capacity	30mA
Operating Temperature	-55°C/+85°C
Storage Temperature (recommended)	+30°C max
Typical Weight	8g

Leads and pins solder tinned, diameter 0.80mm (0.031"). Case negative polarity.

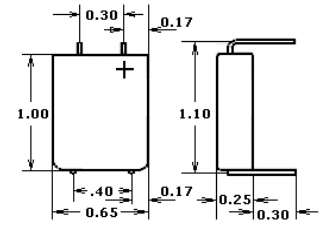
Typical Discharge Profile @25°C



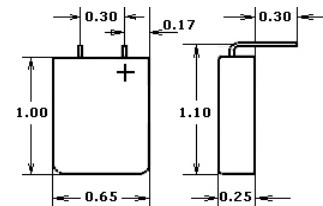
Voltage versus Current and Temperature



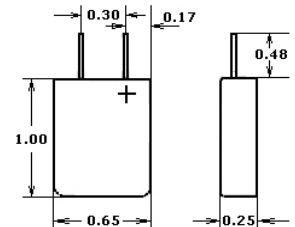
BL-7PN



BL-7PN-S2

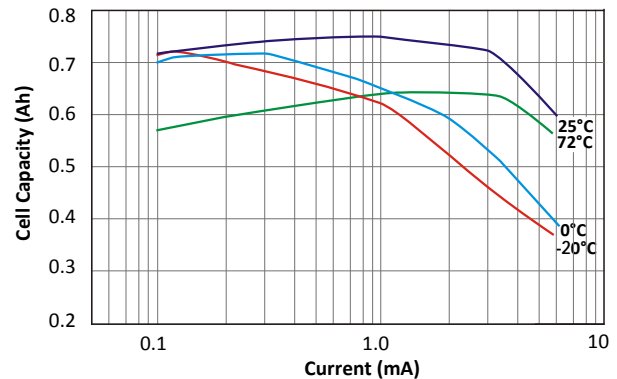


BL-7PN-S4



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.