

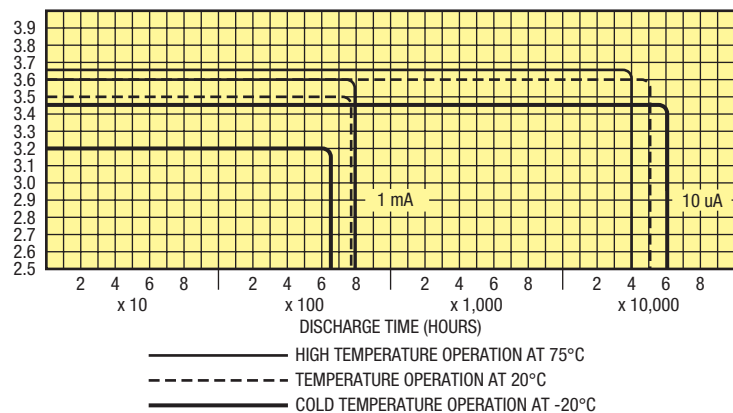
The LTC-7PN series was design specifically to be printed circuit board (PCB) compatible. With a low profile, prismatic shape, this battery is unique in the industry and a perfect match for space saving requirements. Available in 3 PCB mounting configurations, these cells provide high quality, high energy density, non-position sensitive solutions to your high density electronics power needs.



LTC-7PN PRODUCT FEATURES

- Manufactured in the USA.
- Low profile, prismatic design.
- Stainless steel construction provides corrosion resistance, hermetic seal and structural integrity.
- Years of low rate continuous use.
- Stand-by use with 80% capacity retention after 15 years at room temperature.
- Highly efficient utilization of valuable board space.
- Wave solderable (limit solder bath exposure to a maximum of 5 seconds).
- High energy density compared to other chemistries.
- No charging circuits required.
- Higher cell voltage allows for fewer cells and high reliability.
- Flat discharge characteristics provide optimum voltage regulation.
- Non-pressurized system allow for high temperature usage.
- Ship unrestricted.
- Underwriters Laboratories recognized component.

TYPICAL LTC-7PN DISCHARGE CHARACTERISTICS AT VARIED TEMPERATURES



DO YOU HAVE QUESTIONS

CONCERNING:

- What size battery you need?
- What is passivation and its effects?
- What is the maximum rate of this cell?
- Any other technical question?

If so, call our Engineers at (417) 659-9635 for detailed technical information.

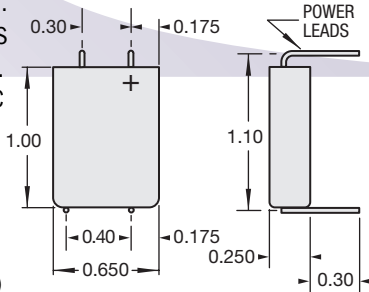
Part Number	Voltage	Capacity (mAh)	Length (in.)	Width (in.)	Thickness (in.)	Weight (g)
LTC-7PN	3.5	750	1.00	0.65	0.25	6.8
LTC-7PN-S2	3.5	750	1.00	0.65	0.25	6.8
LTC-7PN-S4	3.5	750	0.65	0.25	1.00	6.8
* LTC-7PN-S5	3.5	750	1.00	0.65	0.25	7.1
LTC-7PN-S6	3.5	750	1.00	0.25	0.65	6.8
** LTC-7PN-SM-S1	3.5	750	1.00	0.65	0.25	6.8

* Supplied with Molex connector

** Surface Mount (Reflow soldering not acceptable)

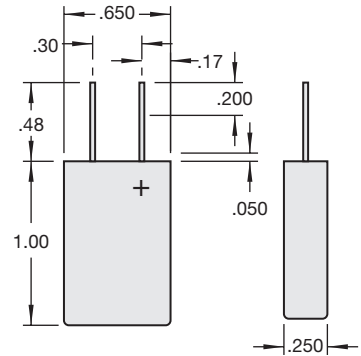
SPECIFICATIONS LTC-7PN

Nominal Open Circuit Voltage, 25°C 3.67 volts
 Nominal Working Voltage, 25°C 3.5 volts
 Nominal Capacity (350 hr. rate), 25°C 750 mAh
 Volume1625 cu. in.
 Weight 6.8 GMS
 Operating Temperature
 -40°C to +95°C
 Case Material:
 304 Stainless Steel,
 Hermetically Sealed
 (case negative polarity)
 Terminal and Support Pins are
 .030" dia. (solder tinned)



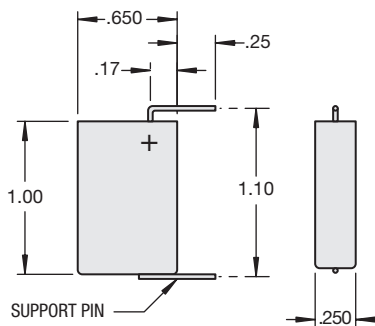
SPECIFICATIONS LTC-7PN-S4

Nominal Open Circuit Voltage, 25°C 3.67 volts
 Nominal Working Voltage, 25°C 3.5 volts
 Nominal Capacity (350 hr. rate), 25°C 750 mAh
 Volume1625 cu. in.
 Weight 6.8 GMS
 Operating Temperature
 -40°C to +95°C
 Case Material:
 304 Stainless Steel,
 Hermetically Sealed
 (case negative polarity)
 Terminal and Support Pins are
 .030" dia. (solder tinned)



SPECIFICATIONS LTC-7PN-S6

Nominal Open Circuit Voltage, 25°C 3.67 volts
 Nominal Working Voltage, 25°C 3.5 volts
 Nominal Capacity (350 hr. rate), 25°C 750 mAh
 Volume1625 cu. in.
 Weight 6.8 GMS
 Operating Temperature -40°C to +95°C
 Case Material: 304 Stainless Steel, Hermetically Sealed
 (case positive polarity)
 Terminal and Support Pins are .030" dia. (solder tinned)



WE CAN DESIGN TO FIT ANY APPLICATION.

Our team of engineers can design any pin configuration required to fit your specialized application. If you don't see a battery configuration you need here, call us and we will begin working on a EPT part number just for you.

DISTRIBUTED LOCALLY BY: