

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 and 1 surface 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

- Compliant with lead-free RoHS and WEEE EC directives.
- 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. IATA No. UN3090.
- Underwriters Laboratories recognized component.

TYPICAL LTC-7PN DISCHARGE CHARACTERISTICS AT VARIED TEMPERATURES



## DO YOU HAVE QUESTIONS

### CONCERNING:

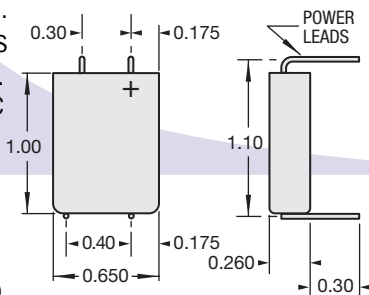
- What size battery you need?
- What is passivation and its effects?
- What is the maximum rate of this cell?
- Any other technical question?

If so, call our Engineers at  
**1-800-201-0215 or 1-417-625-1116**  
 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	0.26	6.8
LTC-7PN-S2	3.5	750	1.00	0.65	0.26	6.8
LTC-7PN-S4	3.5	750	0.65	0.26	1.00	6.8
LTC-7PN-SM-S4	3.5	750	1.00	0.70	0.26	6.8

### 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  
 Volume ..... .1625 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)



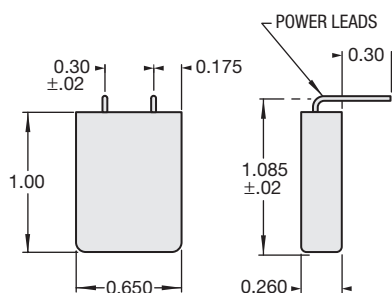
### SPECIFICATIONS LTC-7PN-S4

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  
 Volume ..... .1625 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-S2

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  
 Volume ..... .1625 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)



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### 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.

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