The LTC-7PN series was designed 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 allows for high temperature usage.
- Ship unrestricted. IATA No. UN3090.
- Underwriters Laboratories recognized component.

### TYPICAL LTC-7PN DISCHARGE CHARACTERISTICS AT VARIED TEMPERATURES

<table>
<thead>
<tr>
<th>Temperature</th>
<th>Discharge Time (Hours)</th>
</tr>
</thead>
<tbody>
<tr>
<td>75°C HIGH</td>
<td>1,000 x 2,000</td>
</tr>
<tr>
<td>20°C</td>
<td>100 x 1,000</td>
</tr>
<tr>
<td>-20°C COLD</td>
<td>10 x 1,000</td>
</tr>
</tbody>
</table>

### DO YOU HAVE QUESTIONS

**CONCERNING:**
- What size battery do 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.
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.