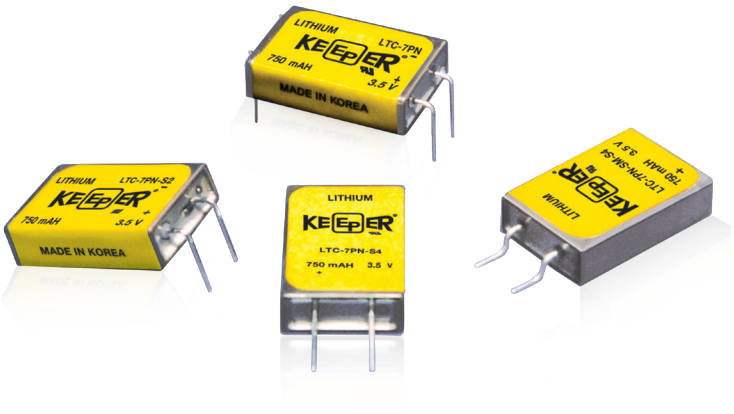
EAGLEPICHER
TECHNOLOGIES

Keeper® LTC-7PN



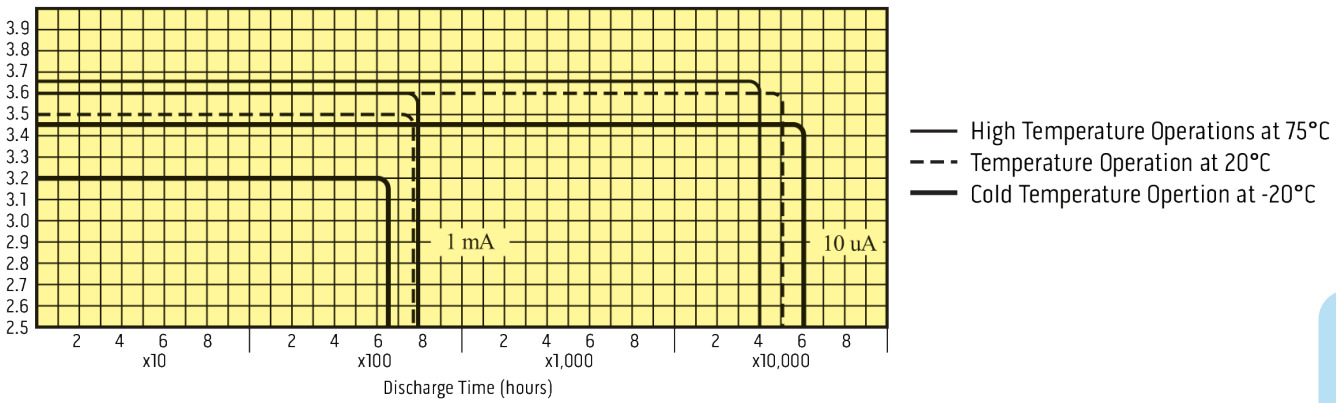
Lithium-Thionyl Chloride Batteries

The Keeper LTC-7PN series is 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 three PCB and one surface mounting configurations, these cells provide high quality, high-energy density, non-position sensitive solutions for your high density electronics power needs.

Features and Benefits

- Compliant with lead-free RoHS and WEEE 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
- High-energy density compared to other chemistries
- Wave solderable, limit solder bath exposure to a maximum of 5 seconds
- No charging circuits required
- High cell voltage, allows for fewer cells ans high reliability
- 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

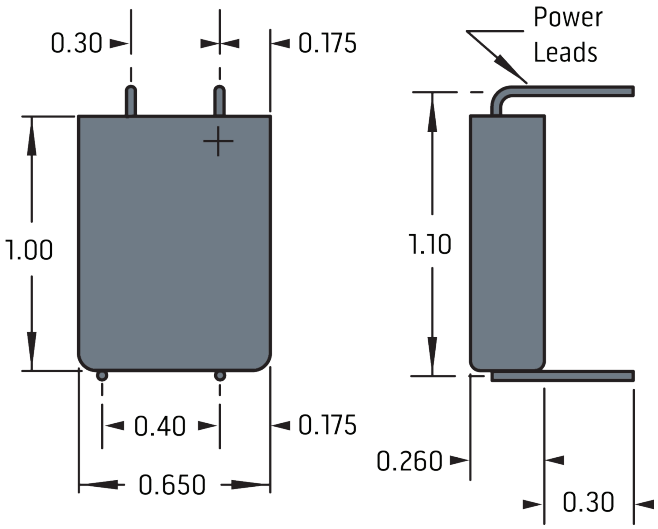


Keeper® LTC-7PN

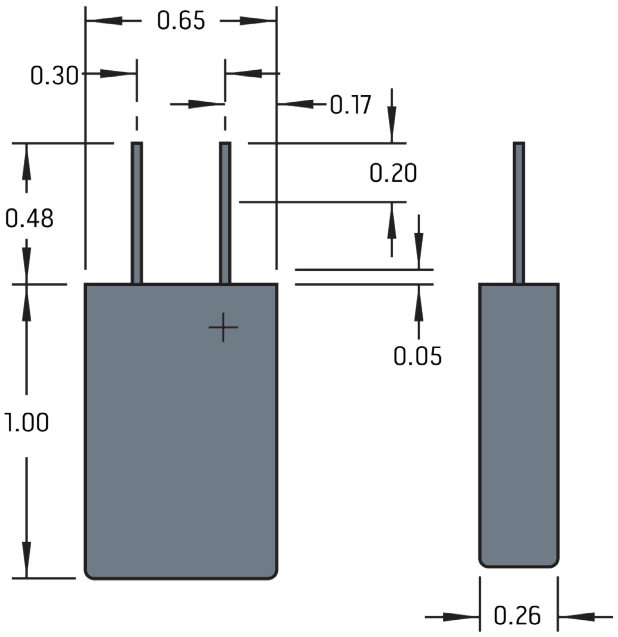
Part Number	Voltage	Capacity (mAh)	Length (in.)	Width (in.)	Thickness (in.)	Weight (g)
LTC-7PN	3.5	750	1.00	0.65	0.26	6.8
LTC-7PN-S2	3.5	750	1.00	0.65	0.26	6.8
LTC-7PN-S4	3.5	750	0.65	0.26	1.00	6.8
LTC-7PN-SM-S4	3.5	750	1.00	0.70	0.26	6.8

LTC-7PN Specifications	
Nominal Open Circuit Voltage, 25°C (77°F)	3.67 V
Nominal Working Voltage, 25°C (77°F)	3.5 V
Nominal Capacity (350 hr. rate), 25°C (77°F)	750 mAH
Volume	0.1625 in^3
Weight	6.8 g
Operating Temperature	-40 to 95°C (-40 to 203°F)
Case Material	304 stainless steel, hermetically sealed, case negative polarity
Terminal and Support Pins	0.030 in. diameter, solder tinned

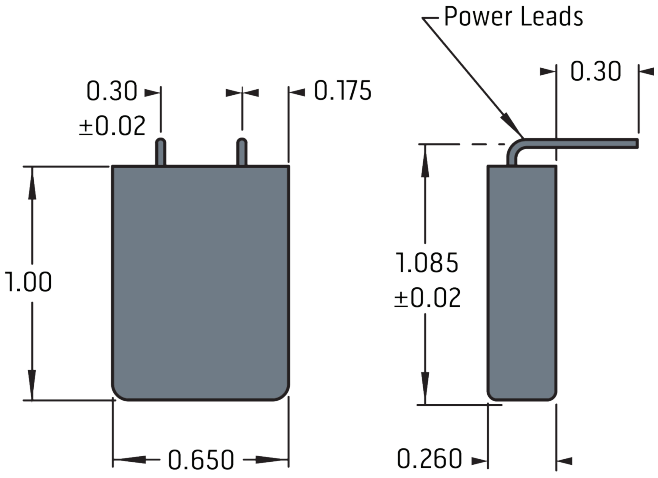
LTC-7PN



LTC-7PN-S4



LTC-7PN-S2



We can design to fit any application.

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

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