EaglePicher[™]

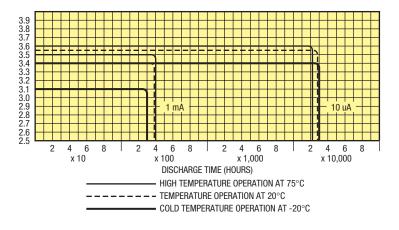
The LTC-3PN series is a perfect match for applications which have little space but need a reliable, high energy source. This cell is available in three (3) printed circuit board (PCB) mounting configurations, with the flexibility to be designed for any mounting geometry. With 350 mAh packed into 0.0975 in², these small power sources will provide the solution for your electronic packaging requirements.



LTC-3PN 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-3PN 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.



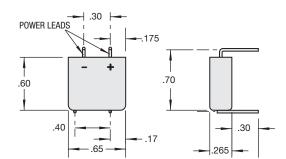
Part Number	Voltage	Capacity (mAh)	Length (in.)	Width (in.)	Thickness (in.)	Weight (g)
LTC-3PN	3.5	350	0.60	0.65	0.265	4.6
LTC-3PN-S2	3.5	350	0.65	0.265	0.60	4.6
LTC-3PN-S4	3.5	350	0.60	0.265	0.65	4.6
* LTC-3PN-SM-S1	3.5	350	0.60	0.65	0.265	4.6

^{*} Surface Mount (Reflow soldering not acceptable)

SPECIFICATIONS LTC-3PN

Nominal Oper	n Circuit \	oltage, 25°C	3.67 volts
Nominal Work	king Voltag	ge, 25°C	3.5 volts
Nominal Capa	acity (350) hr. rate), 25°C	350 mAH
Volume			0.103 cu. in.
Weight			4.6 GMS
Operating Tem	nperature		40°C to +95°C

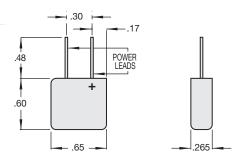
Case Material: 304 Stainless Steel, Hermetically Sealed (case negative polarity) Terminal and Support Pins are .030" dia. (solder tinned)



SPECIFICATIONS LTC-3PN-S2

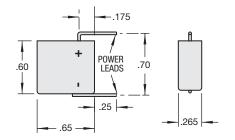
Nominal Ope	en Circuit Voltage, 25°C	3.67 volts
Nominal Wor	king Voltage, 25°C	3.5 volts
Nominal Cap	pacity (350 hr. rate), 25°C	350 mAH
Volume		0.103 cu. in.
Weight		4.6 GMS
Operating Te	mperature	40°C to +95°C

Case Material: 304 Stainless Steel, Hermetically Sealed (case negative polarity) Terminal and Support Pins are .030" dia. (solder tinned)



SPECIFICATIONS LTC-3PN-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	350 mAH
Volume	0.103 cu. in.
Weight	4.6 GMS
Operating Temperature	40°C to +95°C
Case Material: 304 Stainless Steel, Hermetic	cally Sealed (case negative polarity)



WE CAN DESIGN TO FIT ANY APPLICATION.

Terminal and Support Pins are .030" dia. (solder tinned)

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.

Eagle Picher Commercial Power Solutions Keeper II

P.O. Box 47 • Joplin, MO 64802 Tel: (800) 201-0215 or (417) 659-9635 • Fax: (417) 626-2078 E-mail: inquiry.keeper@eaglepicher.com • Web site: www.eaglepicher.com

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