

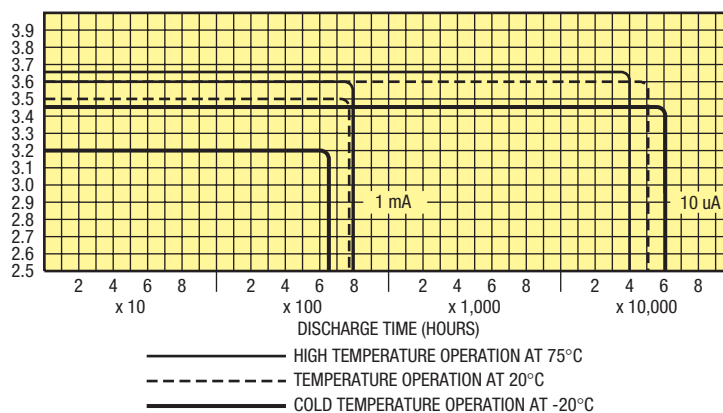
The LTC-7 module series was developed for those applications that require a high quality, ruggedly constructed, low profile battery configuration. Two (2) cell module designs are available, as either series connected (LTC-7PMS, 7.0 volts, 750 mAh) or parallel connected (LTC-7PMP, 3.5 volts, 1500 mAh) batteries. Additional features such as reverse charge protection can also be built in for added safety in sensitive applications.



LTC-7P 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-7P 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-7P	3.5	750	1.20	0.70	0.35	9.0
LTC-7PMP	3.5	1500	1.50	1.20	0.35	20.0
LTC-7PMS	7.0	750	1.50	1.20	0.35	19.0

* Battery contains diode and resistor protection (IN5817 diode, 1.6k resistor). Working voltage rate dependent.

SPECIFICATIONS LTC-7P

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

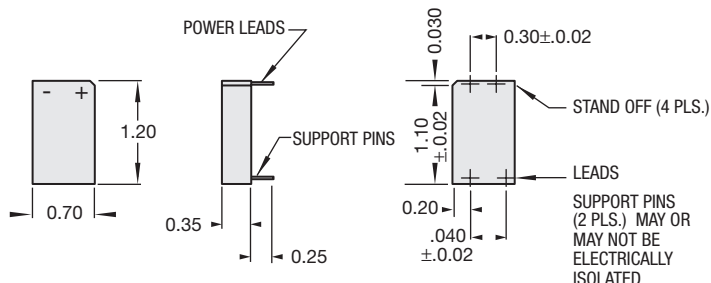
Volume..... .268 cu. in.

Weight 9.0 GMS

Operating Temperature -40°C to +95°C

Case Material: Ryton™ module

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



SPECIFICATIONS LTC-7PMP

Nominal Open Circuit Voltage, 25°C 3.67 volts

Nominal Working Voltage, 25°C 3.5 volts

Nominal Capacity (350 hr. rate), 25°C 1500 mAH

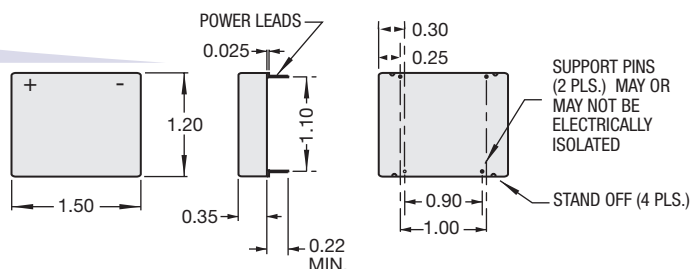
Volume..... .594 cu. in.

Weight 20.0 GMS

Operating Temperature -40°C to +95°C

Case Material: Ryton™ module

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



SPECIFICATIONS LTC-7PMS

Nominal Open Circuit Voltage, 25°C 7.3 volts

Nominal Working Voltage, 25°C 7.0 volts

Nominal Capacity (350 hr. rate), 25°C 750 mAh

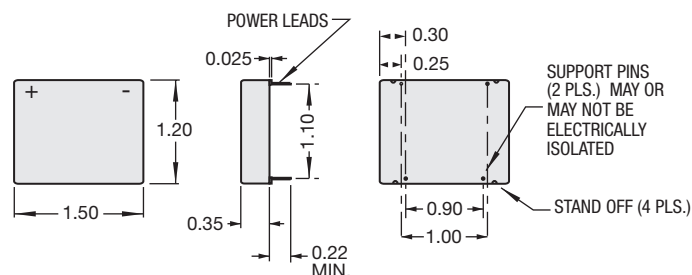
Volume..... .594 cu. in.

Weight 19.0 GMS

Operating Temperature -40°C to +95°C

Case Material: Ryton™ module

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



The specifications on this sheet may be changed by EaglePicher without notice.

EaglePicher™ is a trademark of and Keeper® is a registered trademark of EaglePicher Corporation.

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:

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Eagle-Picher:](#)

[LTC-7P](#)