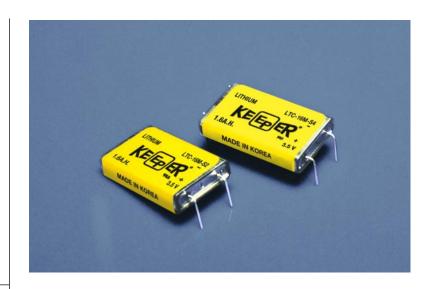
Eagle Picher

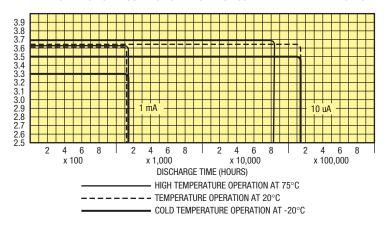
The powerful KEEPER Magnum series includes the LTC-16M series cells. These cells provide years of low-power drain, stand-by use or those demanding industrial, commercial and military applications where reliability is the primary concern. The low profile prismatic designs of the 16M cells, allow maximum board space utilization and are available with polarized PCB mount pins. With these characteristics the KEEPER Magnum series exhibits the same high quality performance that the entire KEEPER line has demonstrated for over 20 years.



LTC-16M 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-16M 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-16M-S2	3.5	1600	1.50	0.90	0.28	16.0
LTC-16M-S4	3.5	1600	1.50	0.90	0.28	16.0

SPECIFICATIONS LTC-16M-S2

Nominal Op	en Circ	cuit V	′oltage, 25°C	3.67 volts
Nominal Wo	rking V	oltag	ge, 25°C	3.5 volts
Nominal Ca	pacity	(350	hr. rate), 25°C	1600 mAH
Volume				
Weight				16.0 GMS
Operating Te	mpera	ture		40°C to +95°C
_				

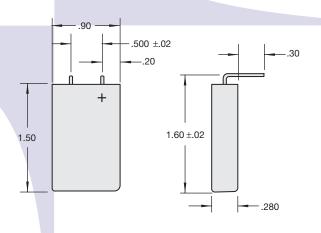
Case Material: 304 Stainless Steel, Hermetically Sealed (case positive polarity)

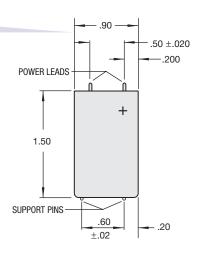
Terminal and Support Pins are .030" dia. (positive pin solder tinned)

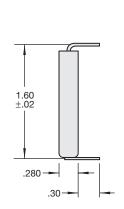
SPECIFICATIONS LTC-16M-S4

Nomin	3.67 volts		
Nomin	3.5 volts		
Nomin	al Capac	ity (350 hr. rate), 25°C	1600 mAH
Volume	e		365 cu. in.
Weight			16.0 GMS
Operat	ing Temp	erature	-40°C to +95°C
Case N	Material:	304 Stainless Steel, Hermetically Sectors (case positive polarity)	aled

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

Eagle Picher Commercial Power Solutions

Keeper®

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