



Economical High-Power Solutions

Lithium-Thionyl Chloride Batteries

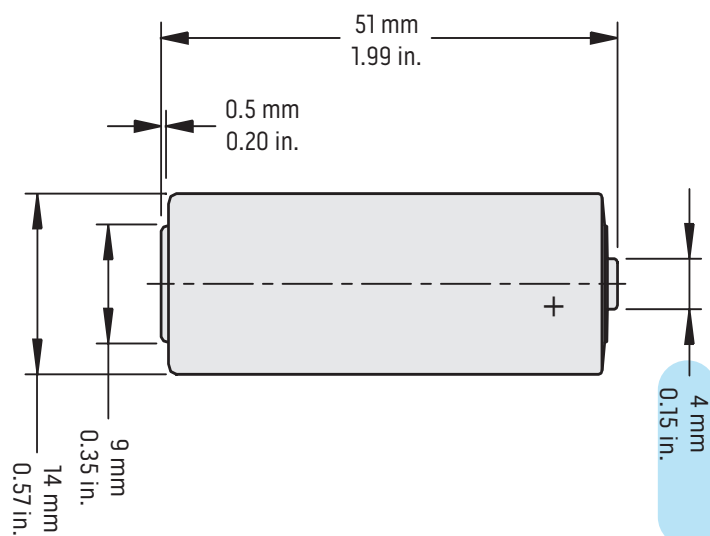
EaglePicher's PT Series of Keeper® cells were developed as an economical, high-power option for design experts who prefer the cylindrical design. With board size and capacity ranging, this cylindrical design will provide the long life power needed for commercial applications.

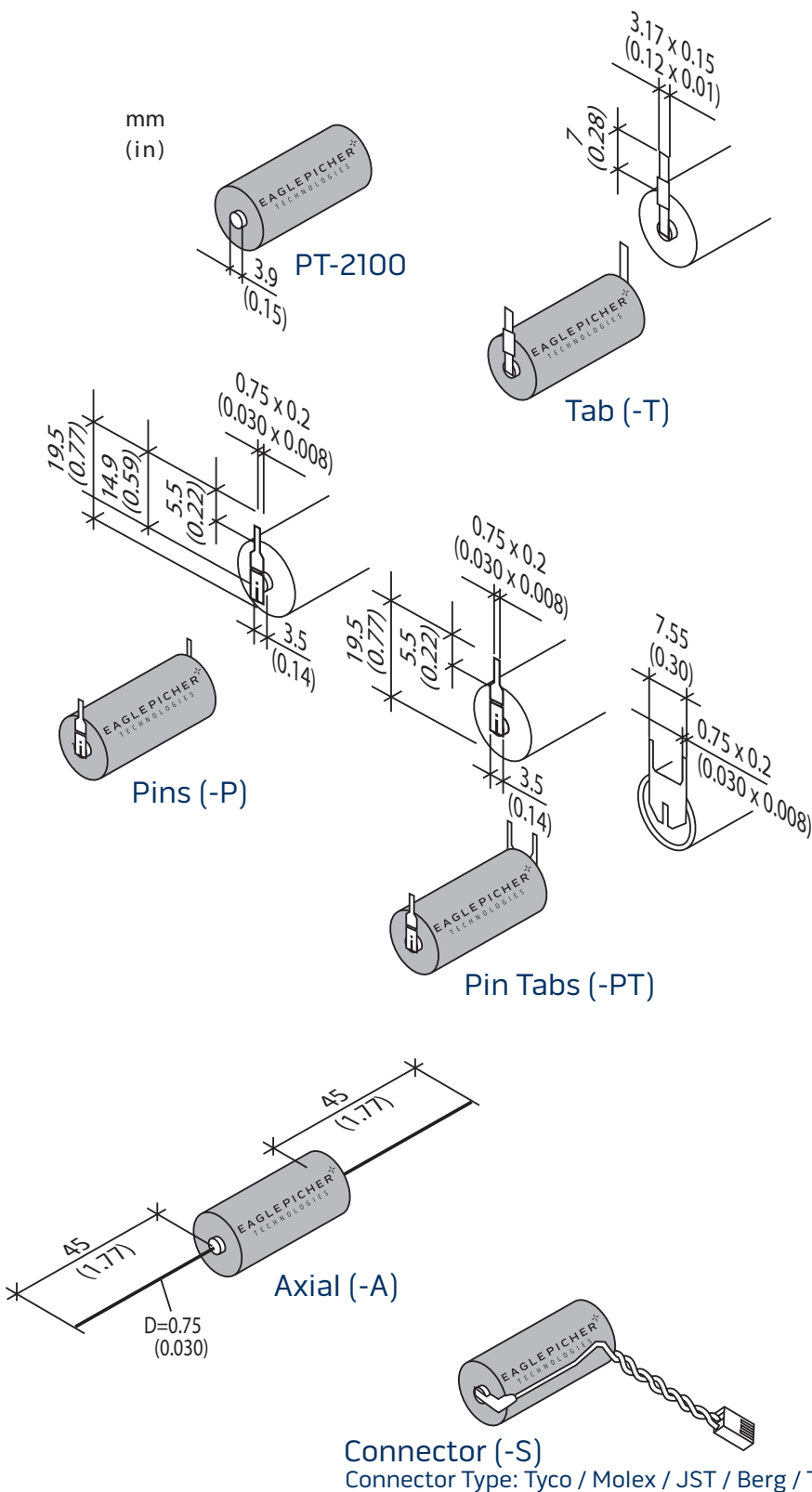
Features

- Compliant with lead-free RoHS and WEEE EC directives
- 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
- 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
- Underwriters Laboratories recognized component

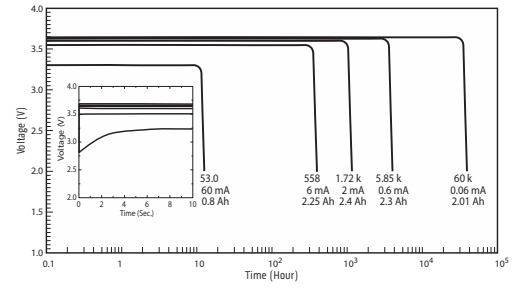
Specifications	
Part Number	PT-2100
Universal Size	AA
Weight (not to exceed)	17.6 g (0.62 oz)
Maximum Dimensions	Diameter: 15 mm (0.57 in.)
	Height: 51 mm (1.99 in.)
Anode Surface Area	14 cm ² (2.17 in ²)
Volume	8 cm ³ (1.24 in ³)
Nominal Capacity at 20°C (68°F), 2 mA, 2.0 V cut-off	2.4 Ah
Nominal Voltage	3.6 V
Capacity	2400 mAh
Maximum Continuous Current	100 mA
Maximum Pulse Current Capability	200 mA
Rated 1 Sec. Pulse Capability (to 3 V)	40 mA
Operating Temperature	-55 to 85°C (-67 to 185°F)

Typical values for batteries stored at 20°C for one year.

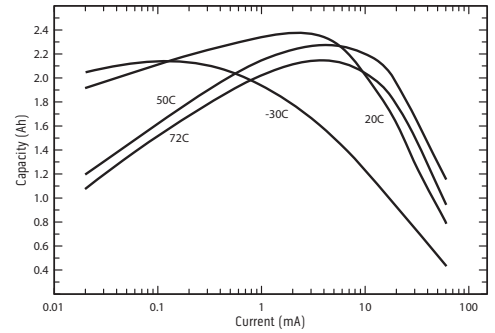




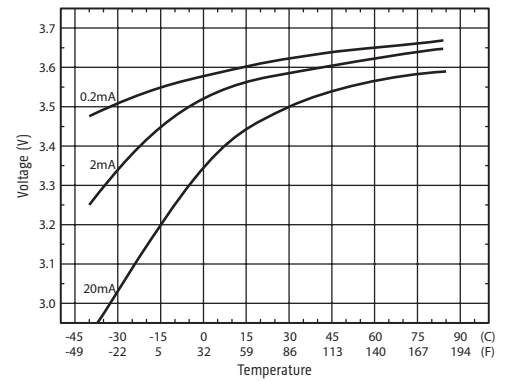
Discharge Characteristics at 20°C (68°F)



Capacity versus Current



Temperature versus Operating Voltage



We Can Design to Fit Any Application

The EaglePicher team of engineers can design any pin configuration required to fit your specialized application.

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

Warning: Fire, explosion and severe burn hazard. Do not recharge, crush, disassemble, heat above 100°C (212°F), incinerate or expose contents to water.