SPECIFICATIONS PT-2175

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

Nominal Capacity  
(At 1mA/20°C/68°F/2.0V Cut-Off) 1.65 Ah

Open Circuit Voltage (At 20°C/68°F) 3.67 V

Nominal Voltage (At 1mA/20°C/68°F) 3.6 V

Maximum Continuous Current 60 mA

Maximum Pulse Current Capability 150 mA

Rated 1 Sec. Pulse Capability (To 3V) 30 mA

Operating Temperature Range -55 to +85°C (-67 to +185°F)

Weight 11.3 g (0.398 oz)

Anode Surface Area 9.7 cm² (1.5 in²)

Volume 5.5 cm² (0.85 in²)

Diameter (Max) 14.5 mm (.57 in)

Height (Max) 33.5 mm (1.32 in)

PRODUCT SCHEMATIC

WARNING: Fire, Explosion And Severe Burn Hazard. Do Not Recharge, Crush, Disassemble, Heat Above 212°F (100°C), Incinerate Or Expose Contents To Water
THE ECONOMICAL HIGH-POWER SOLUTION

The EaglePicher PT Series of KEEPER® cells was developed as an economical, high-power option for design experts who prefer the cylindrical design. With sizes and capacities ranging from the 1200 mAh (PT-2150) to the 19,000 mAh (PT-2300H), this cylindrical design will provide the long life power needed for commercial applications.

PT SERIES PRODUCT 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.

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 EP part number just for you.