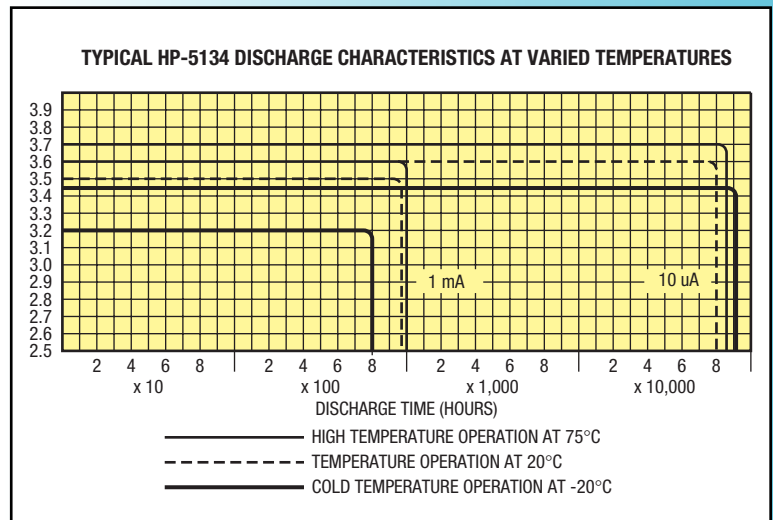


Eagle-Picher is breaking from tradition with the HIGH POWER (HP) Series. Designed to compliment the KEEPER II line, the HP Series offers capacities from 200mAh to 1700mAh, giving additional options to the electronics design engineer. Component material compatibility ensures high quality hermetic designs, which offer a shelf life in excess of 15 years. When a wafer cell design is preferred, the Eagle-Picher HP Series will have a cell to match your requirements.



HP Series Product Features

- 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.



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.)	Diameter (in.)	Weight (g)
HP-4986	3.5	400	0.279	0.708	4.95
HP-5134	3.5	1000	0.256	1.295	16.0
HP-5135	3.5	1600	0.400	1.279	25.00
HP-6135	3.5	1600	0.400	1.279	25.00

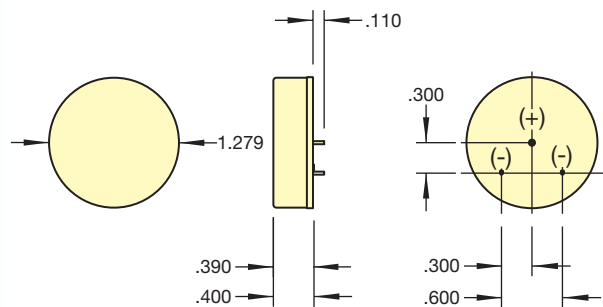
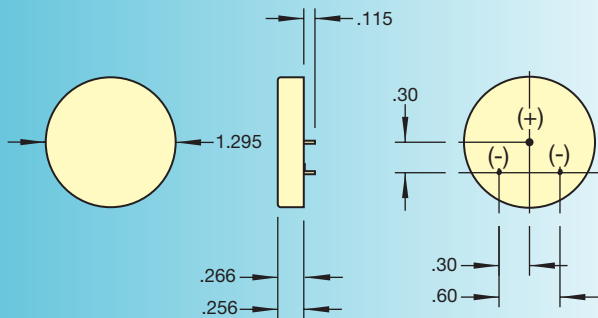
Insulator available upon request.

Specifications HP-5134

Nominal Open Circuit Voltage, 25°C 3.67 volts
 Nominal Working Voltage, 25°C..... 3.5 volts
 Nominal Capacity (350 hr. rate), 25°C..... 1000mAh
 Volume31 cu. in.
 Weight 16 GMS
 Operating Temperature -40°C to +85°C
 Case Material: 304 Stainless Steel, Hermetically Sealed
 (case negative polarity)
 Terminal and Support Pins are .030" dia. (solder tinned)

Specifications HP-6135

Nominal Open Circuit Voltage, 25°C 3.67 volts
 Nominal Working Voltage, 25°C..... 3.5 volts
 Nominal Capacity (350 hr. rate), 25°C..... 1600mAh
 Volume50 cu. in.
 Weight 25.0 GMS
 Operating Temperature -40°C to +85°C
 Case Material: 304 Stainless Steel, Hermetically Sealed
 (case negative polarity)
 Terminal and Support Pins are .030" dia. (solder tinned)



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.

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