## MEMORY PROTECTION DEVICES, INC.

## **Gliders Coin Cell Holders**

For Cells from 10 mm to 24 mm in Diameter

MPD is introducing a whole new category of battery holders for coin cell batteries. Gliders are a hybrid type of holder, combining the low cost of retainers with the higher reliability of coin cell holders. They are particularly suitable for handheld consumer and medical products, electronic cards, toll tags, single-use devices, alarm systems, mainboards, and personal navigation and RFID devices.

Gliders are composed of a metal retainer and a white plastic gliding tray which holds the coin cell. The retainer is made out of nickel-plated phosphor bronze, and has pressure contacts which offer a low electrical resistance while keeping a tight connection with the coin cell. The white plastic gliding tray is made of polypropylene, and has a physical feature giving Gliders reverse polarity protection. This construction enables coin cells to be changed easily and without tools or instructions due to the intuitive design.





The BHX1-2032-PC (left) and BHX1-2032-SM (right) are MPD's CR2032 Gliders, for through hole and surface mounting respectively

Gliders are available in 20 styles for coin cells ranging from diameters of 10 mm (CR1025) to 24 mm (CR2450), and with both through hole and surface mount versions available for each size. Gliders which hold two or four batteries in series for 6 volt and 12 volt applications are available as well. This wide variety of sizes and styles is unprecedented in a coin cell holder launch, making Gliders the most exciting new product launch in MPD history to date.