

MEMORY PROTECTION DEVICES, INC.

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MPD's new development kit of surface mounting coin cell battery holders includes five pieces of each type. The kit's battery holders, retainers and gliders offers a wide diversity of the most popular sizes 10 mm to 24 mm diameters and can accommodate various shapes and requirements. With 100 pieces of multiple design choices for mounting common coin cell batteries included, this kit is a must have for any designer.

Coin Cell Battery Holders

Lithium coin cell holders in new designs have advanced battery holder technologies and are widely used in thousands of everyday products. Lithium coin cell holders for 12mm, 16mm and 20mm diameter batteries are included.

MPD P/N	Typical Cell
BC501SM	CR1220, DL1220
BHSD-1225-SM & BHSD-1225-COVER	BR1225, CR1225
BU1632SM-JJ-GTR	CR1632, DL1632
BC2032-F1	BR2032, CR2032, DL2032
BHSD-2032-SM & BHSD-2032-COVER	BR2032, CR2032, DL2032
BU2032SM-BT-G	CR2032, DL2032

Gliders

Gliders are MPD's hybrid between a retainer and a holder, offering the price competitiveness of a coin cell retainer, while at the same time offering a very reliable connection. Once the battery has been installed into the tray, it simply glides into the retainer and the tray locks into place. The surface mounting positive contact allows designers to place the battery directly on the surface of the pcb to reduce overall height. Both 20 mm and 24 mm diameter sets are included in the kit.

BHX1-2032-SM	BR2032, CR2032, DL2032
BRX1-2450-SM & BHX1-0002	BR2450, CR2450

Retainers

This kit includes ten variations of ultra low profile retainers accepting cells from 10 mm to 24 mm diameter. Retainers are surface mounting positive contacts that place a lithium battery directly on a pcb pad to save height. Additionally no tool is needed for battery removal and replacement of standard lithium coin cell batteries.

BK-870	BR1025, CR1025, DL1025, MS920SE
BK-885	BR1225, CR1220, CR1225, DL1220
BK-868	BR1632, CR1632, DL1632
BK-5067	CR2016, DL2016
BK-883	BR2032, CR2032, DL2032
BK-912	BR2032, CR2032, DL2032
BK-877	BR2450, CR2450
Lithium Battery Retainer Strap	
BC-2003	BR2032, CR2032, DL2032

P/N: BK-DEVKIT-SM

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Coin Cell Holder Evaluation Kit

<p>SURFACE MOUNT 12 mm</p>  <p>BK-885</p>	<p>SURFACE MOUNT 10 mm</p>  <p>BK-870</p>	<p>SURFACE MOUNT 16 mm</p>  <p>BK-868</p>	<p>SURFACE MOUNT 20 mm</p>  <p>BK-5067 Low Profile</p>	<p>SURFACE MOUNT 20 mm</p>  <p>BK-883</p>	<p>SURFACE MOUNT 20 mm</p>  <p>BK-912-TR</p>
<p>SURFACE MOUNT 20 mm</p>  <p>BC-2003</p>	<p>SURFACE MOUNT 20 mm</p>  <p>BHSD-2032-SM</p>	<p>SURFACE MOUNT 20 mm</p>  <p>BHX1-2032-SM</p>	<p>SURFACE MOUNT 20 mm</p>  <p>BU2032SM-BT-GTR</p>	<p>SURFACE MOUNT 24 mm</p>  <p>BRX1-2450-SM</p>	<p>SURFACE MOUNT 24 mm</p>  <p>BK-877</p>
<p>SURFACE MOUNT 12 mm</p> <p>BHSD-1225-SM</p>  <p>BHSD-1225-COVER</p>	<p>SURFACE MOUNT 12 mm</p>  <p>BC501SM</p>	<p>SURFACE MOUNT 16 mm</p>  <p>BU1632SM-JJ-GTR</p>	<p>SURFACE MOUNT 20 mm</p>  <p>BC2032-F1</p>	<p>SURFACE MOUNT 24 mm</p>  <p>BHX1-0002 (Tray for 2450)</p>	<p>SURFACE MOUNT 20 mm</p> <p>TRAY FOR BHX1-2032</p>  <p>BHSD-2032-COVER</p>

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