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Product Announcement

New narrow profile CR2032 battery retainer, P/N: BC-2400.

MPD newest edition to the lithium coin cell retainer family is a thru-hole narrow profile version, P/N BC-2400, made for 20 mm diameter coin batteries.

- Narrower width than other competing designs @ 0.375"
- Weighing just 0.55 grams
- Minimal height above the PCB @ 0.15"
- Board locking PCB tails for easy soldering
- RoHS 3, REACH 209, CA Prop 65 compliant
- Bulk or tape & reel packaging

The very low cost of the BC-2400 retainer make it particularly suitable for consumer products, single-use devices, RFID and other price sensitive applications.

The Lithium battery retainer is made of nickel-plated phosphor bronze. It offers dual pressure contacts with low electrical resistance that are optimized to keep a tight connection with the battery. It is well tested for superior shock and vibration resistance in most electronic applications with trouble free use. The battery is easily changed without tools or instructions due to the intuitive design and the shape of a unique contact design developed at MPD.

Typical lithium coin cells used in the BC-2400 retainer include the ever popular BR2032 and CR2032 batteries. Rechargeable types include ML2032, VL2032 and LIR2032 batteries. The BC-2400 also accepts other types of batteries with a height of 2.5 to 3.2 mm. CR2032 lithium batteries typically have a capacity of 220 mAh and a weight of approximately 3.0 grams.

The product family features over 25 variations accepting cells from just 4 mm diameter (ML414) and up to 24 mm diameter (CR2450). Part number

1. P/N BC-2400 is for thru-hole mounting with locking pcb leads.
2. P/N BC-2400-5-TR has straight pcb leads, non locking.
3. P/N's BC-2003-TR/BC-2003-5-TR for SMD versions.

P/N BC-2400 is priced at \$0.19 each when ordered in lots of 10,000 pieces and bulk packed. Volume discounts are available. Delivery is normally from distributor stock or after a short waiting period.

Web Link: <https://www.battery-contacts.com/search.php?cat=Retainer&num=&type=CR2032&term=PC%20pins&view=>

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