

Press Release

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New slim width CR2032 battery retainer, P/N: BC-2003-G-TR.

MPD's latest edition to its family of slim width retainers is P/N BC-2003-G-TR for 20 mm diameter batteries. These retainers offer a narrower width than other competing designs and a very low acquisition cost. This makes it particularly suitable for consumer products, single-use devices, RFID, Bluetooth and other price sensitive outdoor applications.

The lithium battery retainer has large SMD leads to solder and is made of nickel-plated phosphor bronze covered with Gold Flash ! Its bifurcated contacts are optimized to keep a tight connection with the battery and of course have low electrical resistance. Shock and vibration resistant per EIA-364 assures designers of trouble free use in coin cell applications. Phos-Bronze has superb spring qualities with good elasticity, high fatigue, corrosion resistance, wide temperature range and is non magnetic. In this design, cells are easily changed without tools or instructions, and the narrow width contributes to the ease of removal. It's compact in size at 25.4 mm length by 9.5 mm width and under 3.6mm high.

P/N BC-2003-G-TR:

- Surface mounting
- Packaged on tape and reel for automation
- Gold Flash overall for low electrical resistance and environmental protection
- Bifurcated contacts
- Ultra light weight, 0.49g
- Low profile

Coin cell retainers also require a conductive pad located on the PC board surface directly beneath the battery to create a contact point for the battery's negative terminal.



Typical lithium coin cells used in the BC-2003-G-TR retainer include the ever popular CR2032 cells as well as BR2032 and DL2032 batteries.

Rechargeable types include ML2032, VL2032 and LIR2032 batteries.

The BC-2003-G-TR also accepts other types of batteries with a height of 3.2 mm.

Typically CR2032 batteries offer 240 mAh and are targeted for applications like medical devices, security devices, fitness devices and consumer electronics.

Volume discounts are available, and delivery is normally from distributor stock or after a short waiting period.

Web Link: [BC-2003-G](#)

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