

Dec 14, 2020

Slim width CR2430 battery retainer, P/N: BC-2013-TR.

MPD's latest edition to its family of slim width retainers is P/N BC-2013-TR for 24 mm diameter coin 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 applications.

The lithium battery retainer has large SMD leads to solder and is made of nickel-plated phosphor bronze. 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 32.0 mm length by 9.53 mm width and 3.68mm high.

P/N BC-2013-TR:

- Surface mounting
- Packaged on tape and reel for automation
- low electrical resistance and good elasticity
- Bifurcated contacts
- Ultra light weight, 0.48g
- Low profile, 3.68 mm above pcb

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-2013-TR retainer include the ever popular CR2430 cells as well as BR2430, ECR2430 and DL2430 batteries.



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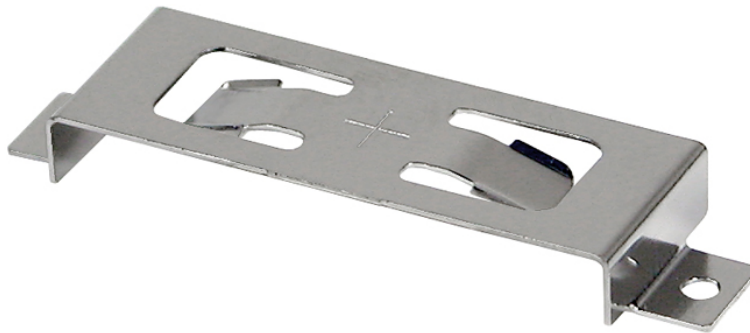
Rechargeable types include ML2430, VL2430 and LIR2430 batteries. The BC-2013-TR also accepts other types of batteries with a height of 3.0 mm.

Typically CR2430 batteries offer 280 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:

<https://www.batteryholders.com/part.php?pn=BC-2013&original=&override=>



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