

Press Release

September 10, 2019

CR2450 ultra low weight battery retainer, P/N: BK-877-TR.

MPD's retainers are great space savers and part number P/N BK-877-TR is no exception. Retainers offer a narrower width than other competing designs and a very low acquisition cost.

The lithium battery retainer has large SMD leads for good reflow 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.

P/N BK-877-TR:

- Surface mounting
- Packaged on tape and reel for automation
- Bifurcated contacts
- Ultra light weight, 1.55g
- Halogen, PFOS, and PFOA free and SVHC, REACH, RoHS 3, and WEEE compliant.

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. MPD offers an assortment of negative contacts for many typical applications.

Typical lithium coin cells used in the BK-877-TR retainer include the ever popular CR2450 cells as well as BR2450 and DL2450 batteries. Rechargeable types include ML2450, VL2450 and LIR2450 batteries.



MEMORY PROTECTION DEVICES, INC.

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CR2450 batteries offer 620 mAh and are targeted for applications like medical devices, security devices, fitness devices, consumer products, single-use devices, RFID, Bluetooth and other price sensitive indoor or enclosed applications.

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

Web Link: [BK-877](#)



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