New Enclosed Lithium Battery Holder For CR2032 Cells, P/N's BQ2032-3 & BQ2032-6

Memory Protection Devices, Inc. (MPD) introduces its new battery holders for CR2032 cells, part numbers BQ2032-3 and BQ2032-6. The holder accepts the ever popular BR2032, ML2032, and LIR2032 batteries, and is suitable for consumer or industrial products.

BQ2032-3 features a tact switch on-off button, and the cover is safely kept closed with a snap-on feature over the battery and standard 24 awg wire leads in three-inch length.

The UL94 polypropylene plastic body is light in weight, yet offers high strength for a long service life under the typical conditions electronic equipment is subjected to. Due to its very wide temperature range of -40°c to + 90°c, the holder can be used in a wide range of applications. The holder size is about 0.32" high by 1.25" wide and 1.84" long.

The battery holder prevents a connection of the battery when upside down. This polarity protection reduces service problems and/or calls to the manufacturer using the BQ2032-3 and BQ2032-6 in its products.

List price for 1,000 pieces of P/N BQ2032-3 is $2.80 each, and volume discounts are available. Delivery is normally from distributor stock or after a short waiting period.

Custom programming is available for production runs, some ideas for microcontroller based battery push button:

Functional Operation Sequence 1:

a. Push On = turn on power, continuous
b. Push again = toggle power slowly, at 50% duty cycle
c. Push again = toggle power faster, at 50% duty cycle
d. Push again = turn off power

Functional Operation Sequence 2:

a. Press and hold on (at least 1 second) = turn on power, slowly sweep duty cycle
b. Push again = sweep rate to medium
c. Push again = sweep rate fast
d. Push again = turn off power

Applications:

a. Wearable Electronics
b. Glasses
c. Necklace
d. Wristband
e. Helmet
f. Light-up Pins

P/N:	Desc:
BQ2032-3	has 3-inch wire leads and all of the above features.
BQ2032-6	has 6-inch wire leads and all of the above features.

end

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MPD
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