

# BC 501 Battery Contacts

Battery Contact



## Specifications

### Materials

**Contact Material:** Phosphor Bronze #510 Alloy

**Finish:** .00001 Gold over .00002 Nickel

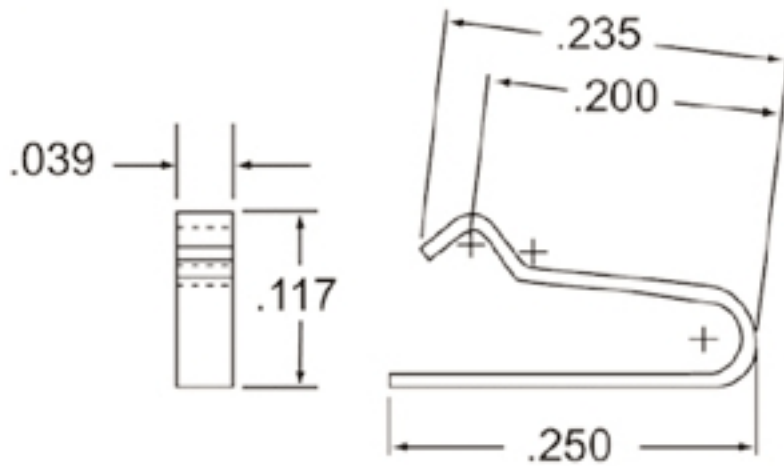
**Package Size:** 7"x12mm: 1000 pieces per reel

**Taping Specification:** EIA-481

### Electrical:

**Maximum Current:** 2.0 amperes

## BC-501 Series Contacts



## Ordering Information

### Example:

**BC-501 - G - 1**

● **Series Designation:**  
BC-501

● **Quantity Per Reel:**  
1 = 1,000 pieces

● **Finish:**  
G = Gold over Nickel

## **Product Description**

Developed specifically for portable electronic devices, the BC-501 Battery Contact from Components Corporation produces a highly reliable spring contact due to its exclusive wireform design. The free-standing BC-501 contacts can be randomly placed on a circuit board allowing better layout and design flexibility. Manufactured using a new generation of Components Corporation proprietary technology, the BC-501 eliminates standard plastic housing, reducing overall package footprint and weight.

The BC-501 is manufactured from phosphor bronze wire with gold plating for the highest possible performance. Suitable for instrumentation and test equipment, medical devices and a variety of hand-held electronics, the BC-501 can handle a 2 amperes maximum current. The battery contacts are packaged on 7" (1000 piece) reels for automated placement and soldering equipment.

## **Certificate of Compliance with Directive 2011/65/EU RoHS and EU Regulation EC 1907/2006**

This is to certify that Components Corporation designs, manufactures and supplies products to our customers that are in compliance with Directive 2011/65/EU RoHS and EU Regulation EC 1907/2006, 84 SVH. This also pertains to procurement of raw material, component parts and processes.