



# Bead Electronics



## Custom Solutions

**Off-the-shelf is not always an option.**

Bead's unique engineering and manufacturing capabilities allow us to design, tool and produce custom components very quickly with minimal tooling charges. Tell us your functional requirements and Bead will build you a custom component - usually within two weeks - without breaking your budget.

### Bead-Formed Process

The Bead-formed manufacturing process, called swaging, yields superior value. That's because it's a high-speed, virtually scrapless cold-forming process capable of producing small metal parts that are dimensionally consistent and inexpensive.



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## Precision Interconnect Components

*Tandem Pins®  
Tubular Pins  
Solid Wire Pins*

# Many Components. Countless Solutions. One Customer at a Time.

What sets Bead apart from the competition is our ability to rapidly deliver custom solutions to challenging interconnect problems.

## BEAD ELECTRONICS PRODUCTS

- Tandem Pins®
- Tubular Pin
- Wire Pins
- Custom Pin Assemblies



Bead Electronics manufactures precision continuous reeled, solid-wire, and tubular contact pins for the telecom, automotive, connector and lighting industries. Our custom components deliver the performance of machined pins at the price of stamped, and they can be tooled in a fraction of the time at a modest cost.

## WIRE PINS

Bead's precision pin tips reduce insertion force by up to 35%. This makes them ideal for all your PCB, connector and wire wrap applications.



## TUBULAR PINS

Bead's tubular pins provide the functionality you need at substantial cost savings compared to machined contacts.



## TANDEM PINS®

Our Tandem® brand continuous reeled pins have precision tips for lower insertion force and more dependable connections. Consistent length and a smooth transition between the pin tip and body ensure accurate cut-off and cleaner insertion. Bead can also manufacture reliable insertion tooling for your insertion heads.



All of our products are available in a wide variety of configurations, base metals and finishes. For more information, visit

[www.BeadElectronics.com/products](http://www.BeadElectronics.com/products)

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