

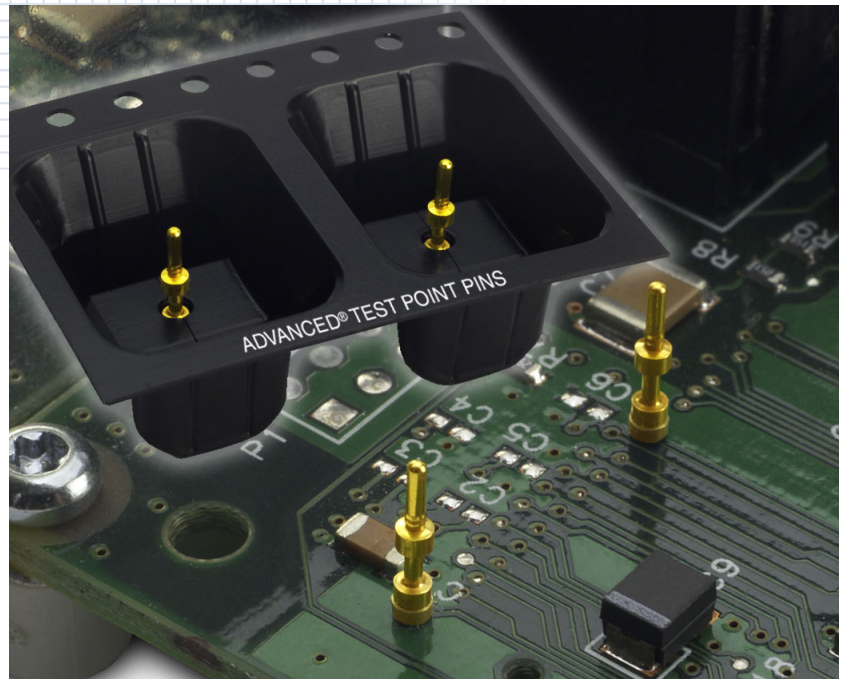
Advanced® Test Point Pins



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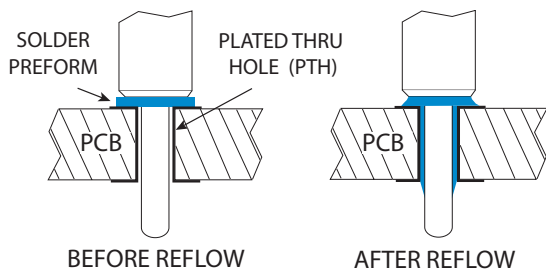
Advanced Interconnections offers a wide variety of standard and custom terminals for use as Test Point Pins. The screw-machined pins offer superior durability over stamped-and-formed products while reducing assembly time and safety concerns.

As with all products from Advanced, unique features and value-added services are available to help reduce overall system costs. Custom design options include unique solder preforms and tape and reel packaging.



How It Works

Solder Preform Option



When used in an intrusive reflow application, the solder preform eliminates the need for wave or hand soldering, providing the strength of a thru-hole connection point without the need for additional board processing in surface mount (SMT) applications.

- ▶ Solder paste is applied over the PCB hole in an operation called tenting.
- ▶ The test pin with preform is placed into the “tenting” hole.
- ▶ Flux in the solder paste activates the solder preform.

Features

- Unique rounded terminal head significantly reduces the potential for pinprick injuries to employees’ fingers during assembly and subsequent board handling, compared to traditional sharp-pointed .025 inch square-post test pins
- Available loose or individually packaged in tape and reel pockets to facilitate automated insertion (300 pins per reel)
- When used on surface mount PCB boards, Test Pins with unique solder preforms are available (see How it Works for intrusive reflow application)
- Precision-machined from Brass Copper Alloy and plated with either Matte Tin or Gold over Nickel for RoHS compliant applications or Tin/Lead over Nickel for exempt applications
- Available with Sn/Pb or Sn/Ag/Cu solder preforms
- Custom designed to your specifications



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