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# SMT Z-Axis Compliant Pin



an innovative design to compensate for thermal expansion and contraction

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**Feature Article** 

**Industry News** 

### The SMT Z-Axis Compliant Pin integrates automation and reliability

Our new SMT Z-Axis Compliant Pin is designed to provide axial compliancy to compensate for thermal expansion and contraction.

In addition to superior flexibility, other benefits include geographical stability, high locational tolerances, and the ability to randomly place individual pins. Z-Axis Compliant Pins can be placed on .100" x .120" on-center applications, making them ideal for parallel PCB stacking. The unique design takes advantage of capillary action, providing superior solder joint strength and reliably perpendicular pins.

Z-Axis Compliant Pins are designed and manufactured to accommodate production in a continuous reel format, and can be used with existing pick and place equipment using

Zierick's Surf Shooter SMT™ Feeder. Pins come in 0.025" square by 0.375" high Copper and feature a 95/5 Matt Tin/Lead over Copper finish. A Lead-free Matt Tin finish will be available in early

Come see our new Compliant Pin next Tuesday through Thursday at the ATExpo in Chicago, booth number 5017.

learn more about the compliant pin

**Brain Teaser** 

#### SMT

**Electronic Component** Market Trends

**Connector Specifier National Electronics Distributors Association** (NEDA) releases lead-free position paper

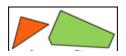
Circuits Assembly ATExpo Product Preview

**Upcoming Tradeshows** 



<u>Assembly</u> Technology Expo Booth #5017 September 28-30 Donald E. Stephens Convention Center Rosemont (Chicago), IL

## Challenge Your Mind and Win \$500!



Try and figure out three shapes that fit together to form a perfect square.

# Answer our puzzle correctly and you will be entered into a drawing for a **\$500 Visa Gift Card**!

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