



## PEM® TD™ Pin: Delivers Mechanical Fail-Safe Feature for Critical Server Application

Custom-designed PEM® solution meets requirements for challenging application that differentiates between AC and DC power supplies.

### OVERVIEW

Customer:  
**Global Technology  
Company**

Application:  
**Server Rack  
Assembly / Power  
Supply**

Solution:  
**TD™ Cable Tie-Mount Fasteners  
Press-In Insert**



### CHALLENGE

#### Installation of Wrong Power Supply into Server Unit

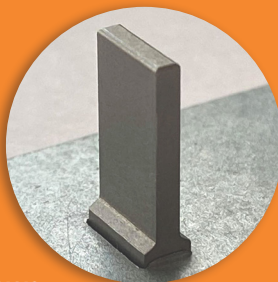
- Current server rack assembly didn't provide any differentiation between AC and DC power supplies
- Caused significant and costly errors due to installation of wrong power supply into server unit
- Looking for new solution to prevent installation errors from reoccurring



### SOLUTION

#### Custom TD™ Cable Tie-Mount Fastener

- Mechanical fail-safe capabilities
- Quick, permanent installation without screws
- Pin design allows it to act a fail-safe for server's power systems
- Differentiates between AC and DC power supplies



### RESULTS

#### Mechanical Fail-Safe Capabilities Achieved

- PEM® partnered with customer for early design stages for their next generation server chassis, developing a new innovative solution
- New fastener now installed in customer's large 4U server racks
- Eliminated risk of future, costly installation errors

