



PEM® SpotFast® Fasteners: Delivering Higher Production Output, Lower Total Installed Cost for Power Steering System

PEM® custom fastener meets new rack-mountable product specifications, enabling customer to create a more dense server in a smaller profile, with 1.5MM parts produced per year.

OVERVIEW

Customer:
**Global Technology
Leader**

Application:
**Server Mounting
Rails**

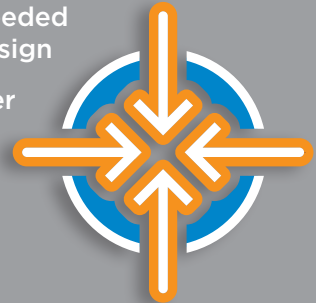
Solution:
**SpotFast®
Self-Clinching Fastener**



CHALLENGE

**New Configuration Needed for Server
Rackmount Rails**

- New rackmount rail configuration needed
- Need alternative fastening solution with low profile, strong attachment points
- More dense server needed for new processor design
- Server must fit smaller profile



SOLUTION

SpotFast® Fastener

- Permanent joining in metal to metal and metal to PCB/plastic panels
- Minimal space requirements
- Flush or sub-flush profile for unobtrusive attachment
- Smooth surface retained for finishing
- Easily concealed with paint, powder coatings



RESULTS

**Unobtrusive Attachment Requiring
Minimal Space**

- Met customer requirements for new rackmount rail configuration
- Unlike rivets that “bulb” during installation, a flush profile was achieved
- New fastener provides flexibility for future customer upgrades
- 1.5MM fasteners produced annually

