



PEM® R'ANGLE® Fastener: Strong Right-Angle Attachment Points in Thin Steel and Aluminum Assemblies

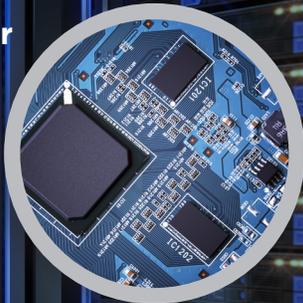
PEM® standard fastening solution delivers ideal alternative to challenging angle bracket design assembly in server application.

OVERVIEW

Customer:
Server Manufacturer

Application:
**Circuit Board
and Faceplate
Attachment**

Solution:
R'ANGLE® Fastener



CHALLENGE

Labor Intensive Bracket Design

- Wanted to reduce amount of loose hardware
- Application included 5 different loose hardware parts
- Wanted to improve the part's cosmetic appearance - Required multiple hands for threading, fastening



SOLUTION

R'ANGLE® Fastener

- Cost effective replacement for angle brackets, loose hardware, and more - For strong, permanent right-angle attachment points
- For thin metal assemblies / PC boards
- Improved shielding characteristics
- Tighter design control
- Easier, faster assembly
- Smooth panel surfaces



RESULTS

Achieved Strong Right-Angle Attachment Point for Server Application

- Customer reduced their hardware count, assembly steps
- Achieved material and cost savings
- Clean, flush appearance on faceplate surface allowed customer to affix printed label directly over fastener area
- 25,000+ parts produced annually for the application

