**microPEM® SMT™ Standoff:**
Delivering Higher Production Output, Lower Total Installed Cost for Power Steering System

For this application, switching from a broaching fastener to a microPEM® solution increased production output and demonstrated a lower total installed cost, with no additional investment required by the customer.

**OVERVIEW**
Customer: Intuitive Motion Control Supplier
Application: Power Steering System
Solution: SMT™ Standoff

**CHALLENGE**
New Multi-Vehicle Platform Architecture
- Supplier’s customer developed new architecture for their latest line of full-size trucks, SUVs
- Application requires precise fastening of power steering control board to steering module
- Commercial challenge to reduce total installation costs

**SOLUTION**
PEM® SMT™ Standoff
- Surface mount fastener for compact electronic assemblies
- Attaches to boards for nut/standoff applications
- Reduced scrap and reduced loose hardware
- Reduced board handling
- Faster assembly

**RESULTS**
Total Installed Cost (TIC) Reduced
- Increased production rates from reduced board handling
- Lower TIC compared to current broaching solution
- Less risk of board damage
- Proven fastener performance that meets the growing use of body electronics solutions to control and monitor all aspects of vehicles