



## 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

