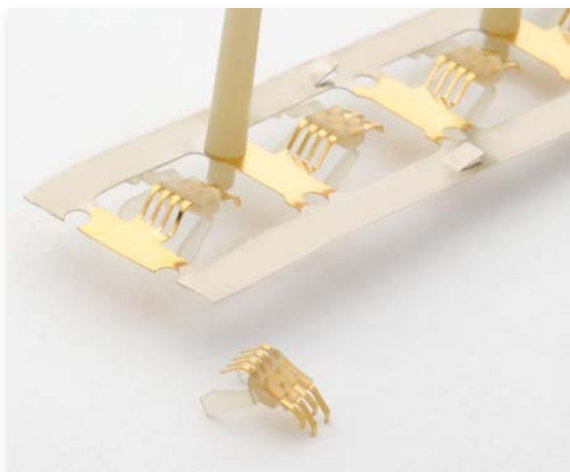
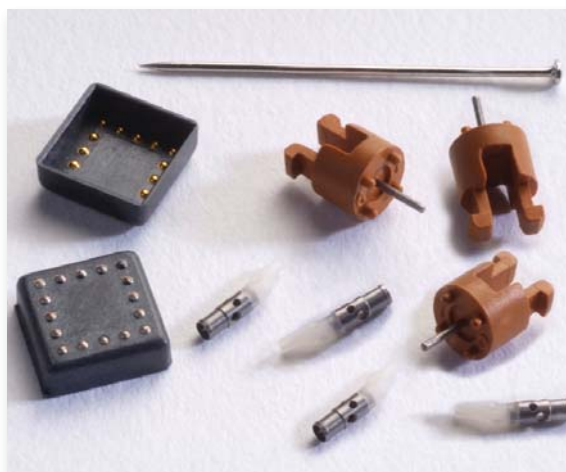


microPEP is a technology-advancing source for complex micro feature manufacturing. microPEP's precision capabilities include micron tolerance components, assemblies, insert molding and a variety of optical quality components using micro molding and micro stamping techniques and technologies. Applications include surgical instruments, biophotonic sensors, stent markers, microfluidic chips, and implantable neurological, cochlear, and ophthalmic components.

Molded subassemblies



Glass-filled Zytel® over 0.13mm gold plated medical contacts



(L to R) LCP over Ø0.76 mm gold plated spherical contacts, Santoprene® over SS catheter, Ryton® R-4 over SS

- Loose piece (vibratory bowl fed) or reeled inserts
- Loose piece or reeled finished parts
- Plastic over
 - Metal (stampings or castings)
 - Glass
 - Ceramic
 - Plastic
- Clean room (Class 8) and white room insert molding
- Micro-sized parts and larger
- Dedicated manufacturing cells
- Automation and sensors for consistent process control
- Metrology to 0.5µm
- Wall thickness to .15mm
- Extensive material selection includes LCPs, PEEK, Ultem®
- Metal, glass and ceramic fillers
- Stamping thickness to 0.025mm