

Type MPP™ microPEM® Self-Clinching Pins for Compact Electronics Provide Reliable Solutions for Micro Positioning and Alignment Applications

Type MPP™ microPEM® self-clinching pins from PennEngineering® provide reliable solutions for demanding micro positioning and alignment applications in compact electronic assemblies. These pins clinch permanently where designed into stainless or other metal sheets as thin as 0.5mm / .020". The chamfered end of the pin enables easy mating-hole alignment and the head of the installed pin will be flush in the host sheet to present a smooth and clean appearance. They can be installed automatically to streamline production and eliminate issues associated with handling of small parts.

Applications for Type MPP positioning and alignment micro pins include wearables from smart watches and cameras to fitness bands and headphones, laptops, tablets and readers, and gaming and handheld devices, among many others.

The pins are designed with diameters as small as 1mm / .040" and in lengths as short as 2mm / .080". They are manufactured from precipitation-hardened stainless steel and will exhibit excellent corrosion resistance in service.

The micro pins join a growing family of microPEM fasteners engineered to satisfy a wide range of precision attachment requirements in the consumer electronics marketplace.

Detailed specifications, fastener drawings and models, and performance data (Bulletin MPF) for these micro pins can be accessed at www.pemnet.com

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