

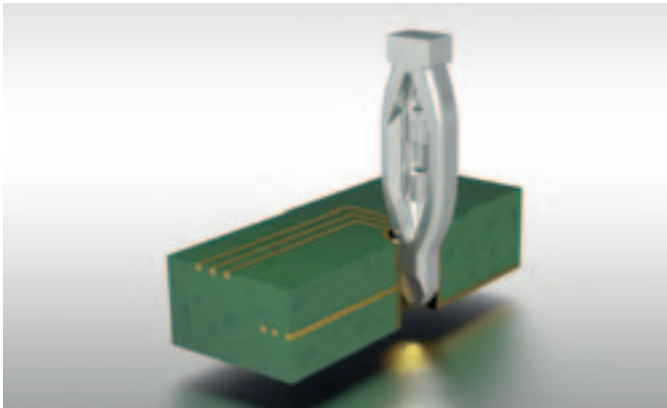
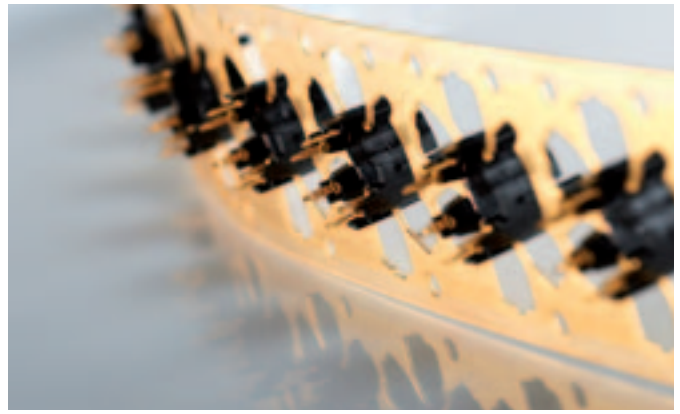
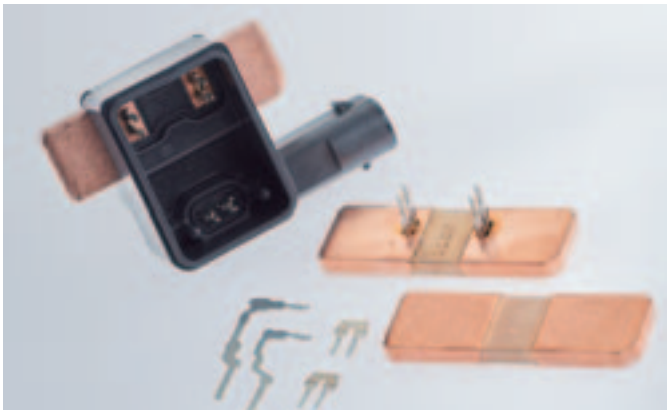
www.possehlelectronics.de

Press-Fit-Zones & pretPin® – a Milestone in Solderless Electrical Connections

In the field of press-fit technology, Possehl Electronics offers a broad portfolio of press-fit zones in a wide variety of geometries and semi-finished materials under the trade name pretPin®.

This contact system allows solderless electrical connection to electronic circuit boards using a purely mechanical pressing, and therefore presents a very advanced and economical solution. It is one of the key technologies that are increasingly being considered in mechatronic components for the automotive industry.

**Possehl
Electronics**
the Precision
People!



Released variants for typical standard applications with tin coated PCB in 1,5mm - 1,6mm thickness (extended approvals for deviating PCB specifications on request):

pretPin®-Type	Base Material Thickness [mm]	Base Material [mm]	Surface Finish	Ø Final PTH [mm]
pretPin04	0,4	CuSn6	Sn over Ni	0,55 +0,10
pretPin06	0,6	CuSn6 CuNi3Si1Mg CuCrSiTi CuCrAgFeTiSi	Sn over Ni	0,99 +0,11
pretPin08	0,8	CuNi3Si1Mg CuCrAgFeTiSi	Sn over Ni	1,44 +0,11

Possehl Electronics continuously carries out further developments and qualification work for new base materials and plating finishes, like Indium (Possehl Electronics), Ni-Sandwich (Possehl Electronics), AgSn-Alloys (Dow), Ag/Sn/SnAg (Schlötter), to respond to different customer requirements. Also developments of other geometries are possible and already in use, e.g. Mikrokon and EE Zone.

Detailed technical specifications about **Press-Fit-Zones** and **pretPin®** are available on request.

Please contact us:
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Online information



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