Solderless Interconnects

- Pluggable, repeatable, reliable
- Compliant high normal force technology; accommodates coefficient of thermal expansion mismatch

Our Core Product Lines

<table>
<thead>
<tr>
<th>Product Family</th>
<th>Interplex Press-Fit Type</th>
<th>Picture</th>
<th>Finished PCB Hole Diameter (mm)</th>
<th>Insertion Force</th>
<th>Push-out Force¹,²</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mini</td>
<td>0.4 PLX</td>
<td><img src="Mini_0.4_PLX.png" alt="Image" /></td>
<td>Ø0.55 - 0.65</td>
<td>≤100N</td>
<td>≥20N</td>
</tr>
<tr>
<td>Signal</td>
<td>0.4 EON</td>
<td><img src="Signal_0.4_EON.png" alt="Image" /></td>
<td>Ø0.74 - 0.83</td>
<td>≤70N</td>
<td>≥15N</td>
</tr>
<tr>
<td>Signal</td>
<td>0.64 EON</td>
<td><img src="Signal_0.64_EON.png" alt="Image" /></td>
<td>Ø1.0 - 1.1</td>
<td>≤100N</td>
<td>≥30N</td>
</tr>
<tr>
<td>Signal</td>
<td>0.64HF EON</td>
<td><img src="Signal_0.64HF_EON.png" alt="Image" /></td>
<td>Ø1.0 - 1.1</td>
<td>≤150N</td>
<td>≥45N</td>
</tr>
<tr>
<td>Power</td>
<td>0.8 EON</td>
<td><img src="Power_0.8_EON.png" alt="Image" /></td>
<td>Ø1.45 - 1.55</td>
<td>≤180N</td>
<td>≥60N</td>
</tr>
</tbody>
</table>

Designs in Development

<table>
<thead>
<tr>
<th>Product Family</th>
<th>Interplex Press-Fit Type</th>
<th>Picture</th>
<th>Finished PCB Hole Diameter (mm)</th>
<th>Insertion Force</th>
<th>Push-out Force</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mini</td>
<td>0.4 EON</td>
<td><img src="Mini_0.4_EON.png" alt="Image" /></td>
<td>Ø0.55 - 0.65</td>
<td>≤100N</td>
<td>≥15N</td>
</tr>
<tr>
<td>High Power</td>
<td>1.2 EON</td>
<td><img src="High_Power_1.2_EON.png" alt="Image" /></td>
<td>Ø2.0 - 2.1</td>
<td>≤200N</td>
<td>≥60N</td>
</tr>
</tbody>
</table>

¹Sn plated Press-Fit, Imm. Sn PCB of thickness ≥1.6 mm
²After storage at room temperature for ≥24 hours

Customizable
Available in various sizes, materials, & plating finishes, tailor-made to your end application needs

Qualified
Automotive qualified to IEC, SAE & many other customized performance requirements

Reliable
Many years of experience in custom applications; billions of our Press-Fits are in the field
Press-Fit Technology

Applications
Power & EV, sensors & ADAS, high density & hybrid connectors, braking, electronic control, etc.

Direct Insert Terminals
• Body control modules
• Power distribution centers
• Door & window switch modules
• Rear view mirrors

Custom Molded Modules
• Control modules: Engine, brake, body, etc.
• Sensors: Airbag, pressure, etc.
• Actuator controls: Power steering, active suspension

Customized Connectors
• Header connectors for small control modules
• Switch assemblies
• Board-to-board stacking
• Wire-to-board connections

Power Lead Frames
• Wire-bondable Press-Fit connections
• Excellent flatness & positional tolerance capabilities

For more information, contact us at communications@interplex.com www.interplex.com