COMPRESSION CONTACT TECHNOLOGY: BATTERY PACKS / REMOVABLE MODULES

KEY FEATURES:

- High Reliable, Fatigue Resistant Gold Plated Beryllium Copper Contacts
- Enhanced Deflection Capabilities to Absorb Assembly Tolerances
- Maximised Contact Forces to Meet High Reliability / Harsh Environment Applications

STANDARD PRODUCT PORTFOLIO
## COMPRESSION CONTACT TECHNOLOGY:
Battery Packs/Removable Modules

### PARALLEL/STACKING APPLICATIONS

<table>
<thead>
<tr>
<th>Standard: 9155-000</th>
<th>Ultra-Low Profile 9155-100</th>
<th>Reduced 9155-200</th>
<th>Two Piece 9155-400</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Pitch</strong></td>
<td>2.5mm</td>
<td>2.5mm</td>
<td>2.5mm</td>
</tr>
<tr>
<td><strong># of Positions</strong></td>
<td>3, 4, 5</td>
<td>2, 3</td>
<td>2, 3, 4, 5</td>
</tr>
<tr>
<td><strong>Compressed/Working Height from PCB Surface</strong></td>
<td>3.2mm to 5.0mm*</td>
<td>1.3mm to 1.95mm</td>
<td>2.5mm to 3.3mm</td>
</tr>
<tr>
<td><strong>Deflection Force</strong></td>
<td>120g to 260g*</td>
<td>40g to 110g</td>
<td>40g to 100g</td>
</tr>
<tr>
<td><strong>Current Rating</strong></td>
<td>3 amps/contact</td>
<td>3 amps/contact</td>
<td>3 amps/contact</td>
</tr>
<tr>
<td><strong>Durability</strong></td>
<td>5000 cycles</td>
<td>5000 cycles</td>
<td>5000 cycles</td>
</tr>
</tbody>
</table>

### RIGHT ANGLE/PERPENDICULAR APPLICATIONS

<table>
<thead>
<tr>
<th>9155-300</th>
<th>9155-500</th>
<th>9155-700</th>
<th>9155-800**</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Pitch</strong></td>
<td>3.0mm</td>
<td>2.5mm</td>
<td>2.0mm</td>
</tr>
<tr>
<td><strong># of Positions</strong></td>
<td>2, 3, 4, 5, 6</td>
<td>2, 3, 4, 5</td>
<td>2, 3, 4, 5, 6</td>
</tr>
<tr>
<td><strong>Contact Nose Height</strong></td>
<td>4.64mm</td>
<td>2.10mm</td>
<td>2.10mm</td>
</tr>
<tr>
<td><strong>Working Deflection Range From Connector Face</strong></td>
<td>0.00mm to 1.1mm</td>
<td>0.5mm to 1.5mm</td>
<td>0.5mm to 1.5mm</td>
</tr>
<tr>
<td><strong>Deflection Force</strong></td>
<td>40g to 100g</td>
<td>40g to 140g</td>
<td>30g to 90g</td>
</tr>
<tr>
<td><strong>Current Rating</strong></td>
<td>3 amps/contact</td>
<td>3 amps/contact</td>
<td>2p-4p: 2.0 Amps, 5p-6p: 1.5 Amps</td>
</tr>
<tr>
<td><strong>Durability</strong></td>
<td>5000 cycles</td>
<td>5000 cycles</td>
<td>5000 cycles</td>
</tr>
</tbody>
</table>

* Based on multiple part numbers for a selection of heights.
**Series 9155-800 supports parallel, perpendicular, and co-planar applications.