Overview:
- Positive housing locks
  - Prevents accidental disconnects
- Polarized housing/receptacles
  - Prevents accidental mis-mating
- Terminals are fully isolated
- Contact area plating offered in tin & gold
- Provides design flexibility
  - Offering circuit sizes 2 - 24

Micro Power:
- Compact power connector
  - Current rating of 5A
- Through-hole & SMT options
- Single row/dual row option
- Keyed Silos
- High-temperature, LCP housing
  - Available in 94V-0

Micro Power Plus:
- Current rating raised to 12A
- Micro Power footprint & outer dimensions
- Specialized fool-proof key
  - Prevents accidental insertion

Mini Power:
- Made for high current & density applications
- Ideal for power applications up to 9A/circuit
- Single row/dual row option
- Vertical & right angle pin headers
- With & without boardlock option
- High-temperature NY9T, LCP housing
  - Available in 94V-0 & 94V-2

Applications:
- Aerospace:
  - Military Commercial Off-the-Shelf
- Customer Use:
  - Desktops
  - Freezers
  - Washing & Vending Machines
  - Printers
  - Indoor/Outdoor lighting
  - Security Systems
- Medical:
  - Patient Monitor
  - Diagnostic Equipment
- Telecommunication:
  - Hubs
  - Power Supplies & Distribution
- Communication/Data:
  - Routers
  - Servers
  - Storage & Networking Systems

To learn more about Micro/Mini Power connectors:
web: amphenolcanada.com  email: sales@amphenolcanada.com
### Technical Characteristics:

<table>
<thead>
<tr>
<th>Mechanical</th>
<th>Micro Power</th>
<th>Mini Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insertion Force</td>
<td>8N max. per pin</td>
<td>15N max. per pin</td>
</tr>
<tr>
<td>Extraction Force</td>
<td>3.7N min. per pin</td>
<td>1N min. per pin</td>
</tr>
<tr>
<td>Contact Retention Force</td>
<td>24.5N min.</td>
<td>20N min.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Electrical</th>
<th>Micro Power</th>
<th>Mini Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Rating</td>
<td>5A per contact</td>
<td>9A per contact</td>
</tr>
<tr>
<td>Contact Resistance</td>
<td>15mΩ</td>
<td>16mΩ</td>
</tr>
<tr>
<td>Voltage</td>
<td>250V AC</td>
<td>600V AC</td>
</tr>
</tbody>
</table>

### Ordering Information:

<table>
<thead>
<tr>
<th>Part Number</th>
<th>General Description</th>
<th>XX Number of Circuits</th>
<th>Contact Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>G881AXX102TEU*</td>
<td>Micro Power: wafer, 3.00mm pitch, straight PCB mount</td>
<td>02, 06, 10, 14, 18, 24</td>
<td>Tin overall</td>
</tr>
<tr>
<td>G881AXX102T3EU</td>
<td>Micro Power: wafer, 3.00mm pitch, straight DIP without kink</td>
<td>02, 06, 10, 14, 18, 24</td>
<td>Tin overall</td>
</tr>
<tr>
<td>G881AXX001TEU</td>
<td>Micro Power: wire to board wafer, 3.00mm pitch, R/A PCB mount</td>
<td>02, 06, 10, 14, 18, 24</td>
<td>100μ&quot; matte tin overall</td>
</tr>
<tr>
<td>G881HXX22CEU</td>
<td>Micro Power: 3.0mm pitch, dual rows housing crimping type</td>
<td>02, 06, 10, 14, 18, 24</td>
<td></td>
</tr>
<tr>
<td>G881HXX21C3HR</td>
<td>Micro Power: 3.0mm pitch, single row housing crimping type</td>
<td>02, 03, 04 ... 10, 11, 12</td>
<td></td>
</tr>
<tr>
<td>G881BXX102KEU</td>
<td>Micro Power: wafer, 3.00mm pitch, straight S/R with kink type</td>
<td>02, 03, 04 ... 10, 11, 12</td>
<td>Tin overall</td>
</tr>
<tr>
<td>G88MPBXX002C1EU</td>
<td>Micro Power Plus: 3.00mm pitch, S/R A/DIP type</td>
<td>02, 03, 04 ... 10, 11, 12</td>
<td>Matte tin overall under plating nickel 50μ&quot; thickness min.</td>
</tr>
<tr>
<td>G88MPXX102CEU</td>
<td>Micro Power Plus: wafer, 3.00mm pitch, straight DIP with block</td>
<td>02, 06, 10, 14, 18, 24</td>
<td></td>
</tr>
<tr>
<td>G88MPXX102KEU</td>
<td>Micro Power Plus: wafer, 3.00mm pitch, straight DIP with kink block</td>
<td>02, 06, 10, 14, 18, 25</td>
<td></td>
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<tr>
<td>G874DXX1202CEU</td>
<td>Mini Power: 4.2mm pitch, header straight DIP type</td>
<td>02, 06, 10, 14, 18, 26</td>
<td>100μ&quot; tin overall</td>
</tr>
<tr>
<td>G881CO232CEU</td>
<td>Micro Power: terminal, 3.00mm pitch, wire size AWG#20-24</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* 10-circuit products in this series have a part number of G881A10122TEU