Connector drawings shown at actual size. All Positronic products utilize solid, machined contacts.
Coming Soon!

**POWER CONNECTION SYSTEMS**

- PLA03
- PLA04
- PLA06
- PLA08
- PLB06
- PLB08
- PLB12
- PLB16
- PLB20
- PLB10W2
- PLC09
- PLC12
- PLC18
- PLC24
- PLC30
- PLC16W4
- PLB3W3 (power input)

**SAFETY SHROUD**

- PLS5W5
- PLS7W7

Contact Technical Sales for availability.
Up to 101mm [3.976 inch]

NOTE: For additional contact layout options not shown, consult website.

LOW PROFILE SCORPION

Up to 101mm [3.976 inch]

NOTE: For additional contact layout options not shown, consult website.
*Contact Technical Sales for availability.
COMPACT POWER CONNECTOR

NOTE: All Compact Power Connectors are available in inverted terminations.

GOLDFISH

DRAGONFLY
Connector drawings shown at actual size. All Positronic products utilize solid, machined contacts.
### Contact Cross Sections

#### PosiBand
- Contact body (unbroken ring)
- Beryllium copper spring clip
- Chamfer
- Mating cavity

#### Legacy Closed Entry
- Slot to form two tines
- Contact body
- Sleeve
- Mating cavity

#### Assembled View
- PosiBand
- Legacy Closed Entry

### POSIBAND vs LEGACY

<table>
<thead>
<tr>
<th>Feature</th>
<th>PosiBand</th>
<th>Legacy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conductivity</td>
<td>Excellent</td>
<td>Excellent</td>
</tr>
<tr>
<td>Mechanical Integrity</td>
<td>Uncompromised</td>
<td>Compromised</td>
</tr>
<tr>
<td>Surface to Surface Contact</td>
<td>Excellent</td>
<td>Average</td>
</tr>
<tr>
<td>Contact Resistance</td>
<td>Excellent</td>
<td>Average</td>
</tr>
<tr>
<td>Annealing</td>
<td>Not required</td>
<td>Required</td>
</tr>
<tr>
<td>Military Qualification</td>
<td>SAE AS39029</td>
<td>SAE AS39029</td>
</tr>
<tr>
<td>Current Carrying Capability</td>
<td>Excellent</td>
<td>Average</td>
</tr>
<tr>
<td>Concentricity</td>
<td>Round</td>
<td>Oval</td>
</tr>
</tbody>
</table>

### Temperature Rise Curves

#### Size 22 PosiBand Contacts
- RATED CURRENT (AMPS)
- TEMPERATURE RISE (ºC)
- Positions 1-6
- Positions 1-2

#### Size 20 PosiBand Contacts
- RATED CURRENT (AMPS)
- TEMPERATURE RISE (ºC)
- Positions 1-6
- Positions 1-2

- 30ºC Rise (standard benchmark)
- 100ºC Rise (upper operating limit of connector)
Information in this catalog is proprietary to Positronic and its subsidiaries. Positronic believes the data contained herein to be reliable. Since the technical information is given free of charge, the user employs such information at his own discretion and risk. Positronic assumes no responsibility for results obtained or damages incurred from use of such information in whole or in part.