Right Angle Mount Thru Hole PCB Nano Connectors feature gold alloy TwistPin contacts. These nanominiature connectors offer premium performance and reliability for demanding applications. Available with female threads, or with jackscrews for use with printed circuits boards.

Pre-Tinned PC Tails are coated with Sn63Pb37 or Sn60Pb40 tin-lead for excellent solderability.

Choose Aluminum, Titanium or Stainless Steel Shells in eleven layouts from 9 to 85 contacts. Complies to the requirements of MIL-DTL-32139. These connectors are intermateable with any M32139 compliant connector or Glenair Series 891 Dual row metal shell nanominiature connector.

<table>
<thead>
<tr>
<th>Sample Part Number</th>
<th>Series 891-009</th>
<th>-25S</th>
<th>A2</th>
<th>-BRT</th>
<th>1</th>
<th>T</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shell Material and Finish</td>
<td>A1 - Aluminum Shell, Cadmium Plating</td>
<td>T - Titanium Shell, Unplated</td>
<td>A2 - Aluminum Shell, Electroless Nickel Plating</td>
<td>S - Stainless Steel Shell, Passivated</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Termination Type</td>
<td>BRT - Board Right Angle Thru Hole</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PC Tail Length</td>
<td>1 - .110 (2.79)</td>
<td>2 - .172 (4.37)</td>
<td>3 - .140 (3.56)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hardware</td>
<td>J - Hex Head Jackscrew</td>
<td>T - Female Thread</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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**NOTES**

1. Inspect and test IAW MIL-DTL-32139
2. Interface dimensions per MIL-DTL-32139/3 and /4
3. Materials/finishes
   - Shell: see part number break down
   - Insulator: LCP/N/A
   - Contacts: gold alloy / unplated
   - Pre-tinned PC tails: coated with Sn63Pb37 or Sn60Pb40 tin-lead
   - Hardware: passivated stainless steel

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**DETAIL A**

**DETAIL B**
SERIES 89
Dual Row Connectors
Right Angle Mount Thru Hole PCB Connectors
PCB Plug Footprint

9 Contacts

15 Contacts

21 Contacts

25 Contacts

31 Contacts

37 Contacts

Layouts shown are for connector mounting side of PC Board.
SERIES 89

Dual Row Connectors

Right Angle Mount Thru Hole PCB Connectors

PCB Plug Footprint

Layouts shown are for connector mounting side of PC Board.
SERIES 89
Dual Row Connectors
Right Angle Mount Thru Hole PCB Connectors
PCB Receptacle Footprint

9 Contacts

15 Contacts

21 Contacts

25 Contacts

31 Contacts

37 Contacts

Layouts shown are for connector mounting side of PC Board.
SERIES 89
Dual Row Connectors
Right Angle Mount Thru Hole PCB Connectors
PCB Receptacle Footprint

41 Contacts

51 Contacts

65 Contacts

69 Contacts

85 Contacts

Layouts shown are for connector mounting side of PC Board.