**Vertical Mount PCB Nano Connectors** feature gold alloy TwistPin contacts. These nanominiature connectors offer premium performance and reliability for demanding applications. Available with female mounting threads and jackscrews.

**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 corresponding Glenair Series 891 Dual row metal shell nanominiature connector.

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**How to Order**

<table>
<thead>
<tr>
<th>Sample Part Number</th>
<th>891-039 Plug, Vertical Mount Thru Hole PCB Connector with Mounting Ears</th>
<th>891-040 Receptacle, Vertical Mount Thru Hole PCB Connector with Mounting Ears</th>
</tr>
</thead>
<tbody>
<tr>
<td>Series</td>
<td>891-039 Plug, Vertical Mount Thru Hole PCB Connector with Mounting Ears</td>
<td>891-040 Receptacle, Vertical Mount Thru Hole PCB Connector with Mounting Ears</td>
</tr>
<tr>
<td>Shell Material and Finish</td>
<td>A1 - Aluminum Shell, Cadmium Plating</td>
<td>S - Stainless Steel Shell, Passivated</td>
</tr>
<tr>
<td>Termination Type</td>
<td>BST - Board Straight Thru Hole</td>
<td></td>
</tr>
<tr>
<td>PC Tail Length</td>
<td>1 - .110 (2.79)</td>
<td>2 - .172 (4.37)</td>
</tr>
<tr>
<td>Hardware</td>
<td>J - Jackscrew</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 breakdown
   - 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 B**

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**DETAIL A**
SERIES 89
Dual Row Connectors
Vertical Mount Thru Hole PCB Connectors with Mounting Ears - 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

Vertical Mount Thru Hole PCB Connectors with Mounting Ears - PCB Plug Footprint

41 Contacts

51 Contacts

65 Contacts

69 Contacts

85 Contacts

Layouts shown are for connector mounting side of PC Board.
SERIES 89
Dual Row Connectors
Vertical Mount Thru Hole PCB Connectors with Mounting Ears - PCB Receptacle Footprint

9 Contacts

15 Contacts

21 Contacts

25 Contacts

31 Contacts

37 Contacts
SERIES 89
Dual Row Connectors
Vertical Mount Thru Hole PCB Connectors with Mounting Ears - PCB Receptacle Footprint

41 Contacts

51 Contacts

65 Contacts

69 Contacts

85 Contacts

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U.S. CAGE code 06324/0CA77 • Dimensions in Inches (millimeters) are subject to change without notice.