**Right Angle 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 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.

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**How to Order**

<table>
<thead>
<tr>
<th>Sample Part Number</th>
<th>Series</th>
<th>Insert Arrangement/Contact Type</th>
<th>Shell Material and Finish</th>
<th>Termination Type</th>
<th>PC Tail Length</th>
<th>Hardware</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>T - Titanium Shell, Unplated</td>
<td></td>
<td>3 -.140 (3.56)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>S - Stainless Steel Shell, Passivated</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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
### SERIES 89

Dual Row Connectors

Right Angle Mount Thru Hole PCB Connectors with Mounting Ears - PCB Footprint

**Dimensions**

<table>
<thead>
<tr>
<th>891-043 Plug (Pin) Connector</th>
<th>891-044 Plug (Socket) Connector</th>
</tr>
</thead>
</table>

| Shell Size 9-69 | .187 (4.75) |
| Shell Size 85 | .244 (6.20) |

| Shell Size 9-69 | .018 (.46) |
| Shell Size 85 | .075 (1.91) |

**Dimensions in Inches (millimeters) are subject to change without notice.**

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D-58

U.S. CAGE code 06324/0CA77
SERIES 89
Dual Row Connectors
Right Angle Mount Thru Hole PCB Connectors with Mounting Ears - PCB Plug Footprint

9 Contacts

15 Contacts

21 Contacts

25 Contacts

31 Contacts

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

41 Contacts

51 Contacts

65 Contacts

69 Contacts

85 Contacts