

## CB02-0301 Nanominiature Dual-Row I/O to AlphaLink® SL board-level assembly



### NANO FLEX JUMPERS

Glenair Series 89 Nanominiature connectors available in 6 contact arrangements, terminated with rugged polyimide-based flex to AlphaLink® board level connectors.

### FLEX PERFORMANCE

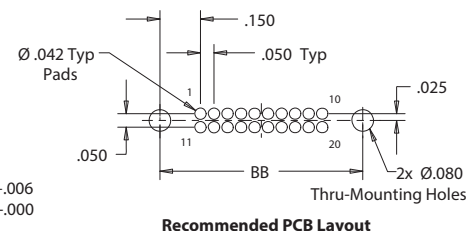
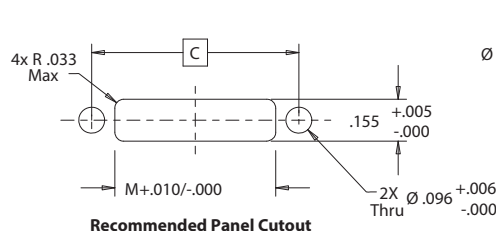
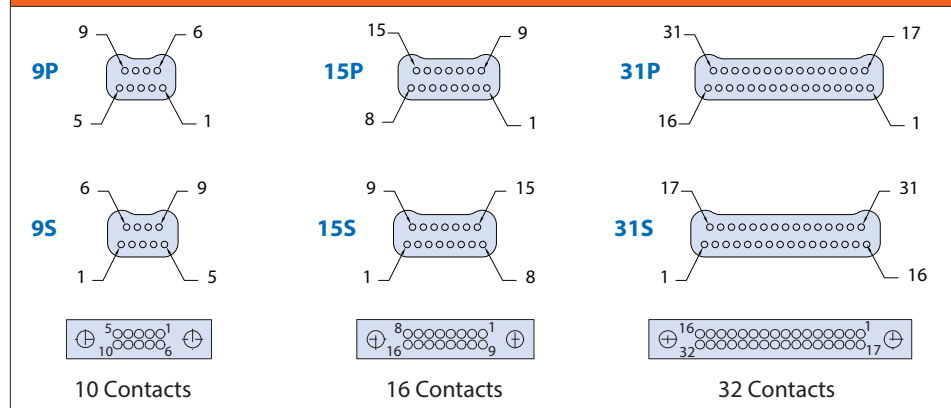
- Flex fabricated IAW IPC-6013, Class 3, and assembled IAW J-STD-001, Class 3, using SN63/PB37 solder.
- Nets/connections rated for 100mA max. current
- Typical flex will be  $.01 \pm .005$  thick, rugged, potted, polyimide-based flex.
- Bend radius per IPC 2223

### NOTES

- I/O Series 89 receptacle performance IAW MIL-DTL-32139
- Contacts mapped 1-to-1 from I/O to B/L connector (unused B/L contacts not connected). For alternative wire schedules, please consult factory.
- Unused Cavities in connectors to be populated with contacts.
- B/L AlphaLink® SL interface dimensions IAW Glenair drawing 171-134-02. Interface shown for reference.

HOW TO ORDER	
<b>Sample Part Number</b>	<b>CB02-0301 -S -15 P 01 -1 T -6</b>
<b>Basic Part Number</b>	Flex Jumper: Nanominiature Dual-Row I/O connector to Series 171 AlphaLink® SL B/L connector
<b>I/O Connector Material / Finish</b>	<b>T</b> = Titanium / Unplated <b>S</b> = Stainless Steel / Passivated
<b>I/O Connector Shell Size</b>	<b>-9, -15, -31</b>
<b>I/O Contact / Connector Gender</b>	<b>P</b> = Pin/Plug <b>S</b> = Socket/Receptacle
<b>I/O Gasket Material</b>	<b>00</b> = No Gasket <b>01</b> = Fluorosilicone IAW MIL-DTL-25988, Type II, Class I, Grade 70 <b>02</b> = Passivated Silver-Plated Aluminum-filled Fluorosilicone IAW MIL-DTL-83528 <b>03</b> = Nickel-plated Aluminum-filled Fluorosilicone (CHO-SEAL 6503 or equivalent)
<b>AlphaLink B/L Connector Material / Finish</b>	<b>2</b> = Aluminum Alloy / Electroless Nickel <b>5</b> = Aluminum Alloy / Gold
<b>AlphaLink Thru-Hole/ Hardware Option</b>	<b>T</b> = Threaded thru hole <b>Omit</b> for thru hole
<b>Assembly Length</b>	<b>3</b> = 3.00 ± .05 inches <b>6</b> = 6.00 ± .05 inches <b>12</b> = 12.00 ± .05 inches

### NANOMINIATURE TO ALPHALINK CONTACT ARRANGEMENTS



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