

## 880-034 SuperFly quick-disconnect rear-panel-mount receptacle connector to AlphaLink® SL flex jumper



### SUPERFLY FLEX JUMPERS

Glenair Series 89 SuperFly™ nano miniature connectors available in 7 contact arrangements, terminated with rugged polyimide-based flex to AlphaLink® board level connectors.

### FLEX PERFORMANCE

- EMI shielding film will be used when shielding option is chosen
- Bend radius is 6 to 10 X flex thickness.
- Typical flex will be .01 ± .005 thick, rugged, potted, polyimide-based flex.
- Workmanship shall be IAW IPC-6013, Class 2.

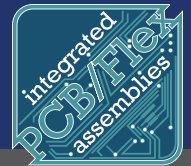
### NOTES

- I/O Series 88 QDC receptacle
- 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>880-034R A -F22N -M -2 T -12 S</b>
<b>Basic Part Number</b>	Series 88 SuperFly QDC I/O receptacle to Series 171 AlphaLink® SL
<b>I/O Insert Configuration</b>	<b>A</b> = Unshrouded Nano socket contacts <b>B</b> = Shrouded Nano TwistPin contacts
<b>I/O Shell Size / Contact Arrangement</b>	<b>B7N, C10N, E19N, F22N, G31N, H37N, J44N</b>
<b>I/O Shell Material/ Finish</b>	<b>M</b> = Aluminum / Electroless Nickel <b>ZR</b> = Aluminum / Black Zinc Nickel over Electroless Nickel <b>MT</b> = Aluminum / Nickel-PTFE <b>NF</b> = Aluminum / Olive Drab over Cadmium <b>ZC</b> = Stainless Steel / Zinc Cobalt (Black) <b>ZK</b> = Stainless Steel / Passivated <b>ZMT</b> = Stainless Steel / Nickel Fluoropolymer
<b>AlphaLink® Finish</b>	<b>2</b> = Nickel <b>5</b> = Gold
<b>AlphaLink® Hardware Option</b>	<b>T</b> = Threaded thru hole <b>Omit</b> for thru hole
<b>Assembly Length (L)</b>	<b>3</b> = 3.00 ± .05 inches <b>6</b> = 6.00 ± .05 inches <b>12</b> = 12.00 ± .05 inches
<b>Optional Shielding</b>	<b>S</b> = With shielding <b>Omit</b> for none

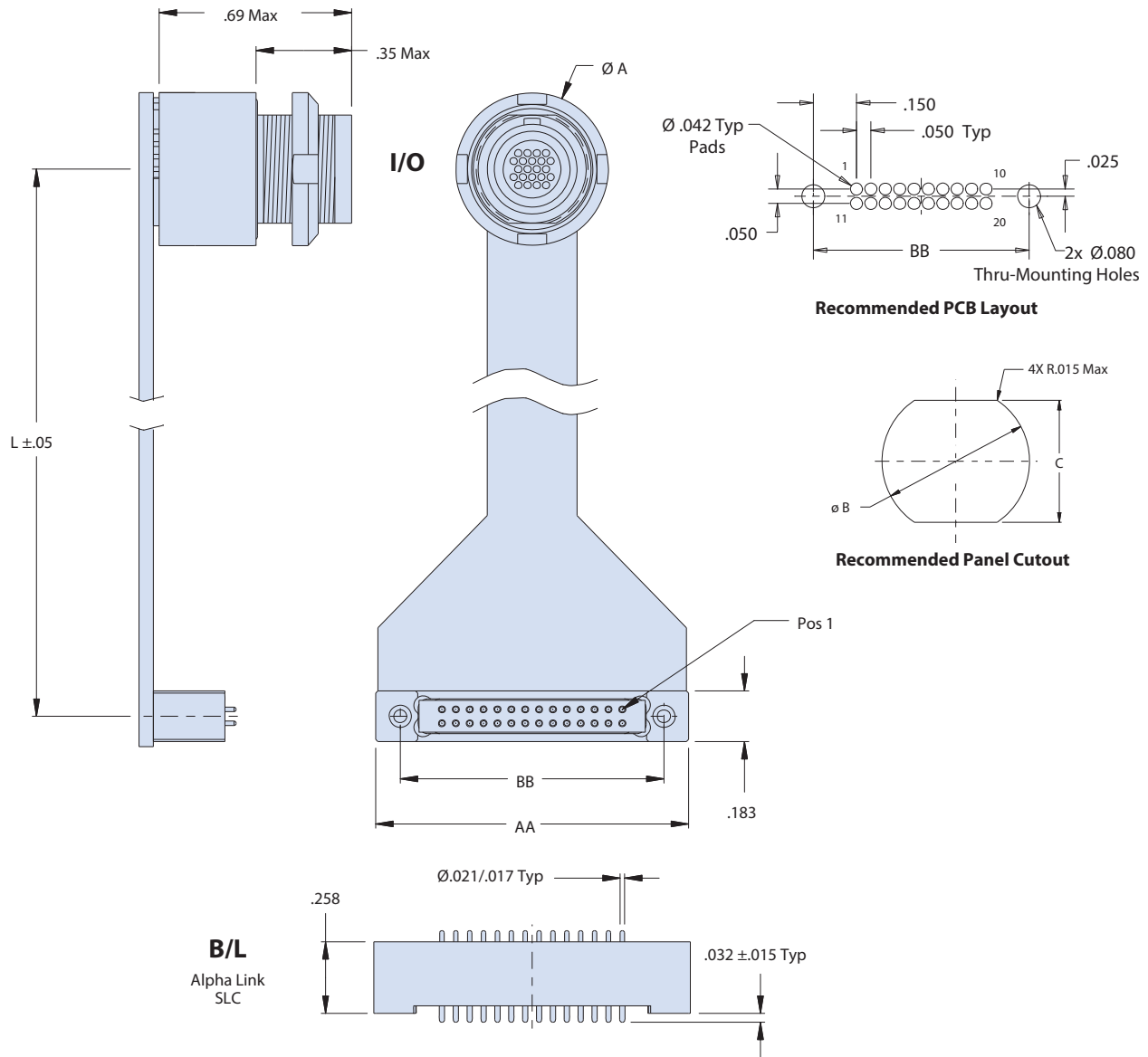
SUPERFLY TO ALPHALINK CONTACT ARRANGEMENTS			
<p><b>B7N</b></p> <p>8 Contacts</p>	<p><b>C10N</b></p> <p>10 Contacts</p>	<p><b>E19N</b></p> <p>19 Contacts</p>	
<p><b>F22N</b></p> <p>22 Contacts</p>	<p><b>G31N</b></p> <p>31 Contacts</p>	<p><b>H37N</b></p> <p>37 Contacts</p>	<p><b>J44N</b></p> <p>44 Contacts</p>

# TURNKEY Flex Jumper Assemblies



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### CONNECTOR DIMENSIONS



#### NANOMINIATURE I/O CONNECTOR

#### ALPHALINK SL BOARD CONNECTOR

Arrangement	ØA	ØB	C Flats	No. of Contacts	AA	BB
B7N	.392 (10.0)	.283 (7.2)	.241 (6.1)	8	.627 (15.9)	.450 (11.4)
C10N	.412 (10.5)	.305 (7.7)	.261 (6.6)	10	.677 (17.2)	.500 (12.7)
E19N	.451 (11.5)	.344 (8.7)	.300 (7.6)	20	.927 (23.5)	.750 (19.1)
F22N	.471 (12.0)	.364 (9.2)	.320 (8.1)	28	1.127 (28.6)	.950 (24.1)
G31N	.490 (12.4)	.383 (9.7)	.340 (8.6)	32	1.227 (31.2)	1.050 (26.7)
H37N	.530 (13.5)	.349 (8.9)	.379 (9.6)	40	1.427 (36.2)	1.250 (31.8)
J44N	.569 (14.5)	.459 (11.7)	.418 (10.6)			