

CB02-0300 GRPM rear-panel-mount Micro-D I/O to AlphaLink® SL board-level assembly



MICRO-D FLEX JUMPERS

Glenair GRPM Micro-D connectors available in 6 contact arrangements, terminated with rugged polyimide-based flex to AlphaLink® board level connectors.

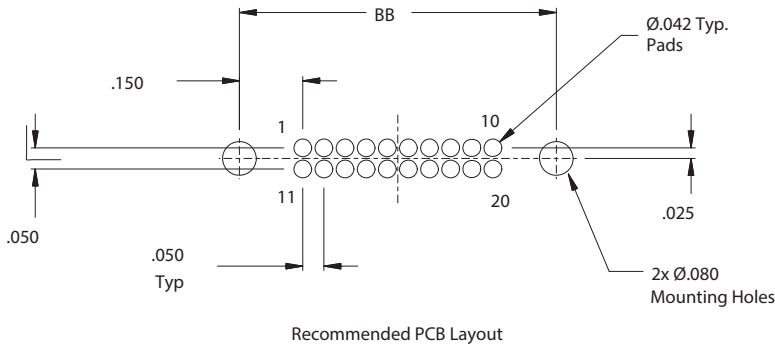
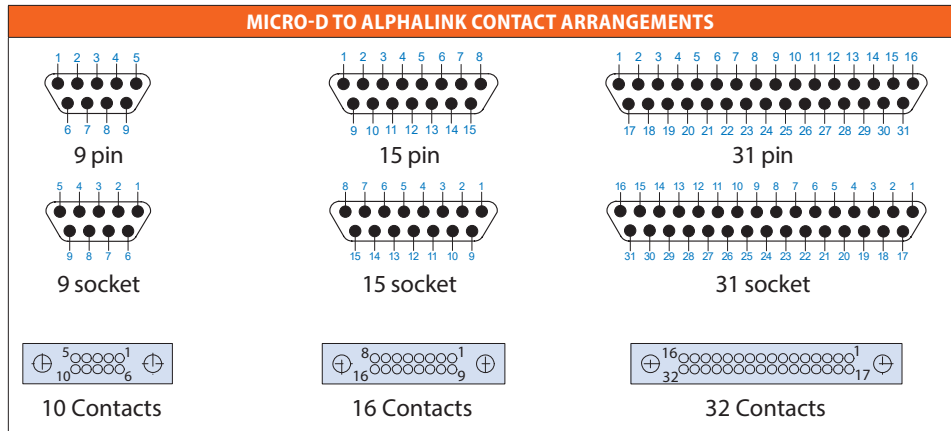
FLEX PERFORMANCE

- 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 is 6X to 10X flex thickness.

NOTES

- I/O GRPM rear-panel-mount Micro-D connector, designed to meet performance requirements and interface dimensions of MIL-DTL-83513.
- 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	
Sample Part Number	CB02-0300 -2 -15 S R1 -2 T -6
Basic Part Number	Flex Jumper: GRPM Panel-Mount Micro-D I/O connector to Series 171 AlphaLink® SL B/L connector
I/O Connector Material / Finish	1 = Aluminum Alloy / Cadmium 2 = Aluminum Alloy / Electroless Nickel 3 = Stainless Steel / Passivated 5 = Aluminum Alloy / Gold 33 = Aluminum Alloy / Nickel/PTFE
I/O Connector Shell Size	-9, -15, -31
I/O Contact / Connector Gender	P = Pin/Plug S = Socket/Receptacle
I/O Hardware Option	R1 = Jackpost for .032" panel R2 = Jackpost for .047" panel R3 = Jackpost for .062" panel R4 = Jackpost for .093" panel R5 = Jackpost for .125" panel R6 = Jackpost for .080" panel
AlphaLink B/L Connector Material / Finish	2 = Aluminum Alloy / Electroless Nickel 5 = Aluminum Alloy / Gold
AlphaLink Thru-Hole/ Hardware Option	T = Threaded thru hole Omit for thru hole
Assembly Length	3 = 3.00 ± .05 inches 6 = 6.00 ± .05 inches 12 = 12.00 ± .05 inches



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