

CB02-0250: AlphaLink® SL connector double-ended flex assembly



HOW TO ORDER						
Sample Part Number	CB02-0250	-2	-20	T	-6.00	X
Basic Part Number	Flex jumper: AlphaLink® connectors					
Connector Material / Finish	2 = Aluminum Alloy / Electroless Nickel 5 = Aluminum Alloy / Gold					
Number of Nets / Pins	See PCB Layout table below					
Hardware / Thru-Hole	T = Threaded thru hole Omit for thru hole					
Assembly Length	In Inches					
Connector Configuration	X = Same Side Y = Opposite Sides					

ALPHALINK PRINTED CIRCUIT BOARD LAYOUT - SPRING-PIN SIDE					
4 CONTACTS	8 CONTACTS	10 CONTACTS	12 CONTACTS	16 CONTACTS	
20 CONTACTS		24 CONTACTS	28 CONTACTS	30 CONTACTS	
32 CONTACTS			36 CONTACTS	40 CONTACTS	

ALPHALINK FLEX JUMPERS

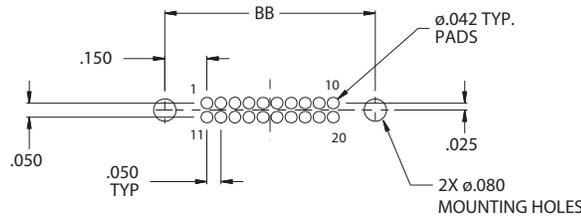
AlphaLink® board level connectors available in 6 contact arrangements, terminated to rugged polyimide-based flex

FLEX PERFORMANCE

- Bend radius is 6 to 10 X flex thickness.
- Typical flex will be .01 ± .005 thick, rugged, potted, polyimide-based flex.
- Flex cables are terminated from the I/O to B/L connector on a 1 to 1 connection (unused B/L contacts are not connected)
- Workmanship shall be IAW IPC-6013, Class 2.

NOTES

- Contacts mapped 1-to-1. For alternative wire schedules, please consult factory.
- AlphaLink® SL interface dimensions IAW Glenair drawing 171-134-02. Interface shown for reference.

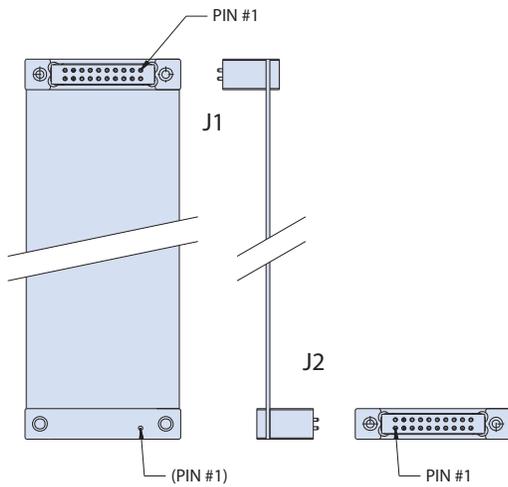


RECOMMENDED PCB LAYOUT
(MATES TO SLC SIDE OF CONNECTOR)

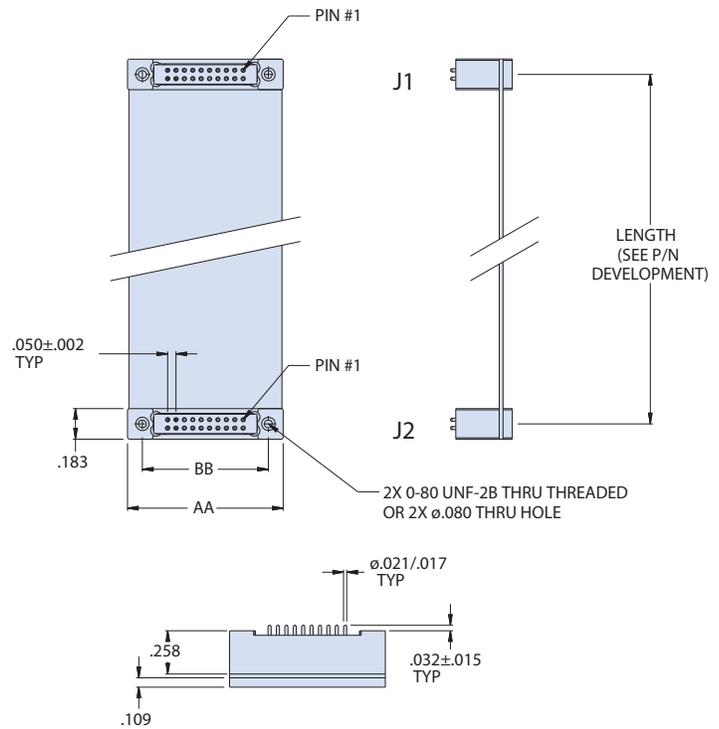
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TABLE II: LAYOUT AND DIMENSIONS

"Y" CONNECTOR CONFIGURATION



"X" CONNECTOR CONFIGURATION



No. of contacts	AA	BB
4	0.527 (13.4)	0.350 (8.9)
8	0.627 (15.9)	0.450 (11.4)
10	0.677 (17.2)	0.500 (12.7)
16	0.827 (21.0)	0.650 (16.5)
20	0.927 (23.5)	0.750 (19.1)
28	1.127 (28.6)	0.950 (24.1)
32	1.227 (31.2)	1.050 (26.7)
40	1.427 (36.2)	1.250 (31.8)