

SERIES 171 AlphaLink® SL connector flex jumper assembly

CB02-0250

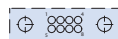


How To Order AlphaLink flex jumpers						
Sample Part Number	CB02-0250	-2	-20	T	-6.00	X
Series / Basic Part No.	AlphaLink® flex jumper					
Connector Finish	2 = Nickel 5 = Gold					
Number of Nets / Pins	See Available PCB Layouts below					
Hardware	T = Threaded thru hole Omit for thru hole					
Assembly Length	in Inches					
Connector Configuration	X = same side Y = opposite sides					

AlphaLink Printed Circuit Board Layout - Pogo 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

MATERIALS AND FINISHES

Shell: Aluminum alloy
 Insulators: Liquid crystal polymer
 Contacts: Copper Alloy/Gold Plated
 Potting: Epoxy
 Hardware: 300 series stainless steel

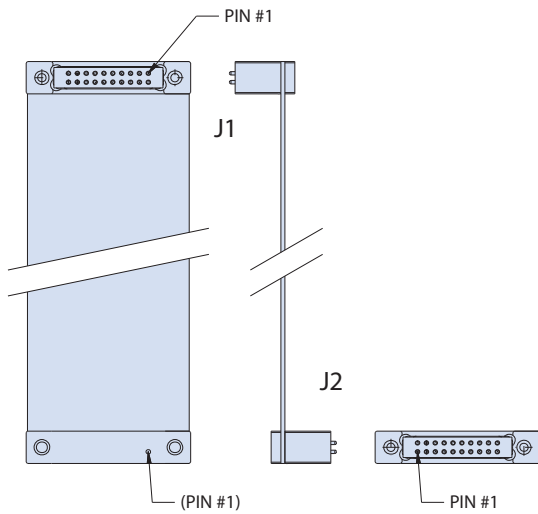
NOTES

Flex Performance:
 Flex fabricated IAW IPC-6013, Class 3
 Flex cable nets are connected from J1 to J2 on a 1-to-1 connection
 Typical flex will be .01 ± .005 thick, rugged, potted, polyimide-based flex.
 Bend radius is 6 to 10 times the flex thickness.
 Workmanship / soldering IAW J-STD-001
 Maximum current per pin of 100 milliamps (.005" traces on half-ounce copper)
 Consult factory for more options and/or special designs and requirements

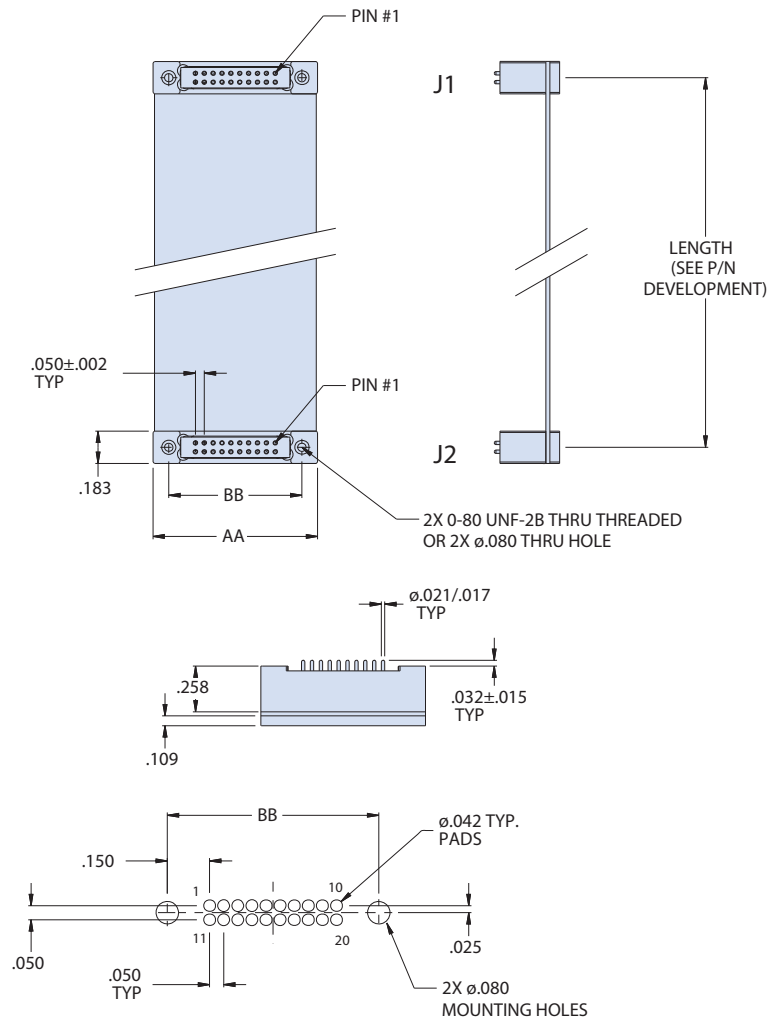
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**AlphaLink® SL connector
 flex jumper assembly**
CB02-0250



"Y" CONNECTOR CONFIGURATION



"X" CONNECTOR CONFIGURATION



RECOMMENDED PCB LAYOUT

(MATES TO SLC SIDE OF CONNECTOR)
 (SEE TABLE II)

Table II: Layout and Dimensions

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)	1.100 (27.9)
40	1.427 (36.2)	1.250 (31.8)