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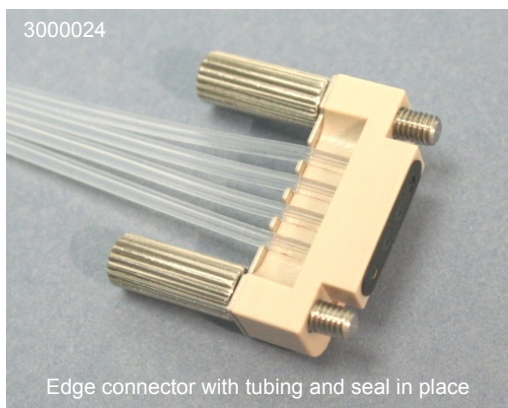
**The Dolomite Centre Limited**  
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# INFORMATION SHEET

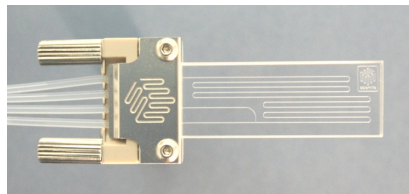
Part name	Mitos edge connector 4-way	Part number	3000024
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## Description

The Edge Connector allows fast and reliable connection between Dolomite chips and 1.6mm tubing. The Edge Connector works with chips that are 4mm thick, 15mm wide and also have a chip header in place. This is shown in the diagram below:



Perfluoroelastomer seal (FFKM). Part number 3000021.



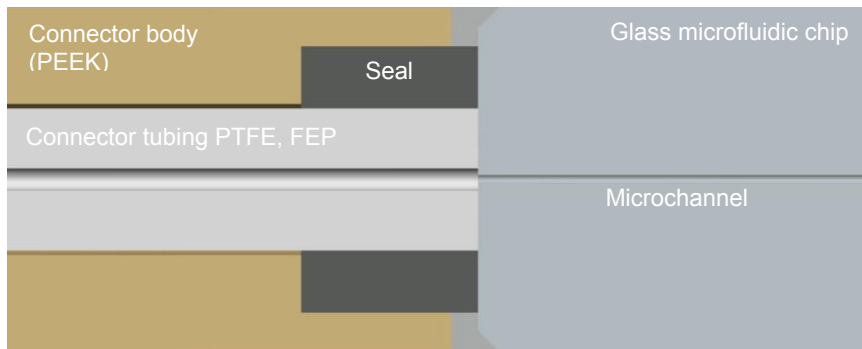
Edge Connector connected to chip with header

## Benefits

- Compact
- Low dead volume
- Quick connect/disconnect
- Wide temperature and pressure range
- Low cost
- Excellent chemical compatibility

	Edge connector specification	Value
1	Number of ports	4
2	Chip thickness options	4 mm
3	Chip width options	15 mm
4	Chip length options	10 mm – 90 mm
5	Outside diameter of connection tubing	1.6 mm (1/16 inch)
6	Inside diameter of connection tubing	0.25 mm, 0.5 mm, 0.8 mm
7	Connection tubing material	PTFE, FEP
8	Operating pressure	30 Bar
9	Operating temperature range of seal	-15 to 260 °C
10	Wetted materials	Glass, PTFE, and perfluoroelastomer
11	Connector materials	PEEK, Stainless Steel 316
12	Dead volume	< 0.1 µl per port

## Cross-sectional view of sealing interface



### Edge connector geometry (with 45mm long chip)

