



LINEAR CONNECTOR 4- WAY

USER INSTRUCTIONS



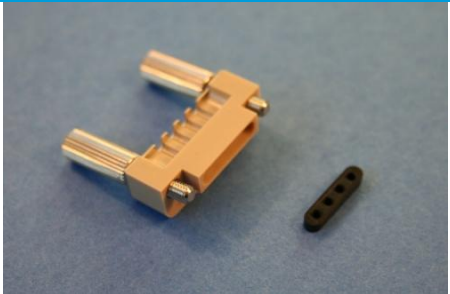
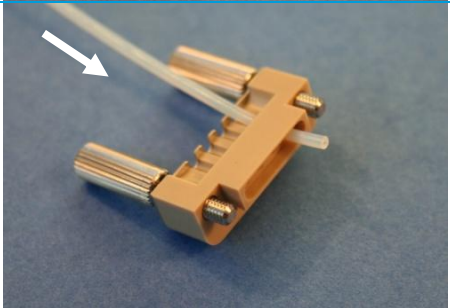
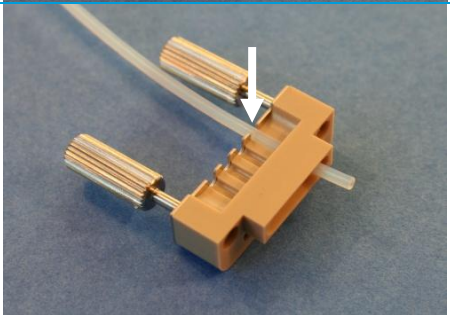
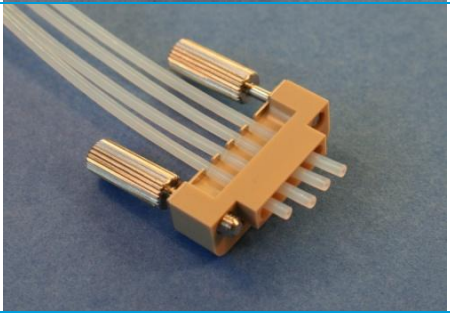
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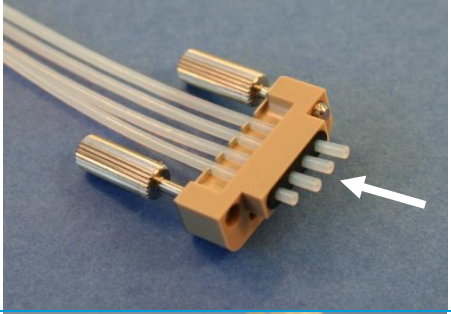
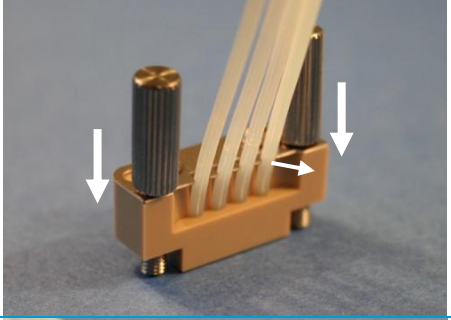
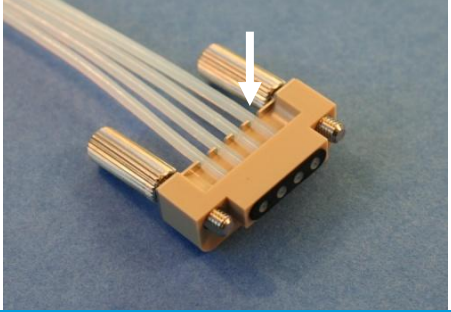
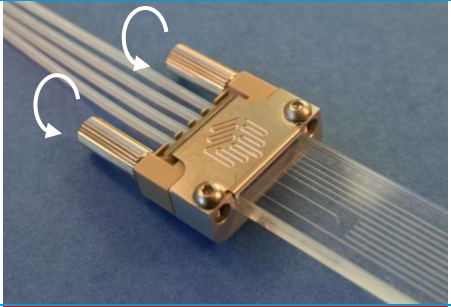
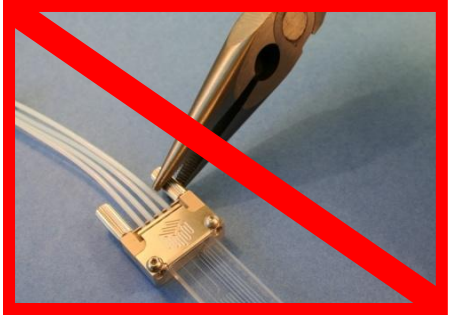
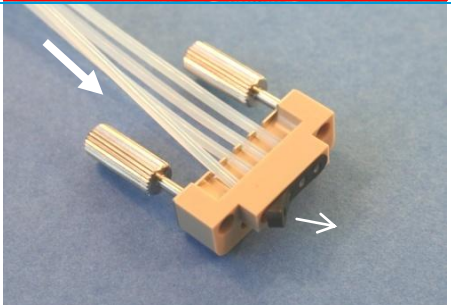
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1. Connector description

The Linear Connector 4-way (Part No. 3000024) allows fast and reliable connection between Dolomite chips and 1.6mm tubing. The Linear Connector works with chips that are 4mm thick, 15mm wide and also have a chip header, holder or interface in place.

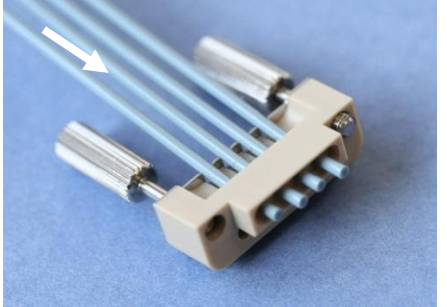
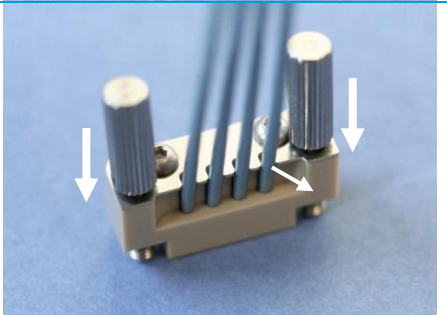
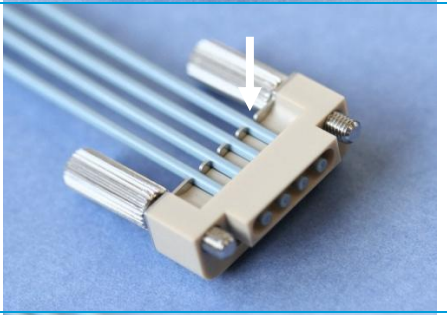
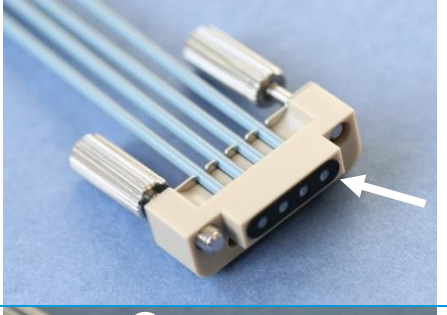
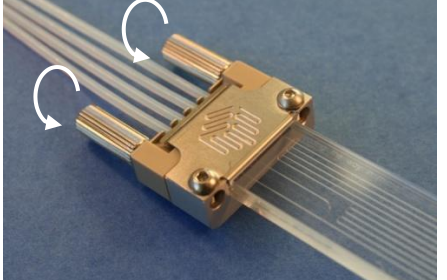
2. Assembly instructions

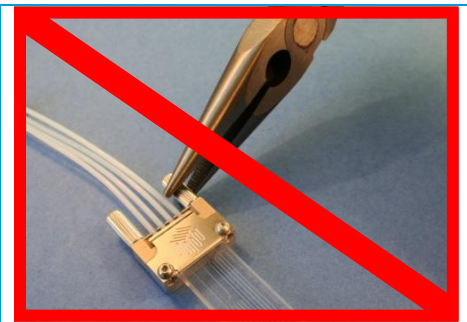
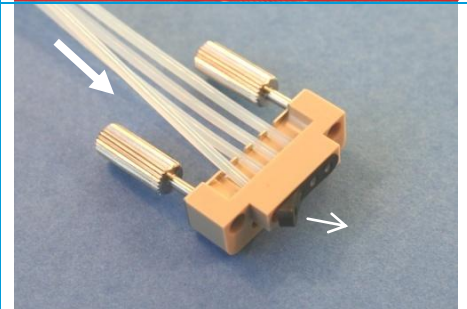
1	Remove the Linear Connector seal (Part No. 3000021) from the connector.	 A close-up photograph of the orange linear connector. A small black seal is shown separately to the right of the connector, indicating it has been removed.
2	Insert a tube (1/16inch, 1.6mm outside diameter) into one of the holes. Note: make sure the end of the tube has been cut with a clean 90° face.	 A close-up photograph showing a clear tube being inserted into one of the four ports of the orange linear connector. A white arrow points to the tube's end.
3	Push the tube into the cleat to secure it.	 A close-up photograph showing the clear tube being pushed into the orange linear connector. A white arrow points to the tube's end as it enters the cleat.
4	Repeat with the other three tubes. Note: Make sure that all four tubes are present in the connector, even if some of the tubes do not connect to a microchannel on the chip. This will ensure the seal works at higher pressures.	 A close-up photograph of the fully assembled orange linear connector with four clear tubes inserted into its ports.

<p>5</p>	<p>Insert seal into recess.</p>	
<p>6</p>	<p>Remove the tubes from the cleats and then push the face of the seal down onto a flat surface to align the end faces of the tubes with the face of the seal.</p>	
<p>7</p>	<p>Push the tubes back into the cleats for strain relief.</p>	
<p>8</p>	<p>Evenly tighten the thumbscrews down onto the chip header or chip holder.</p>	
<p>9</p>	<p>Do not over-tighten the thumbscrews. This can result in damage to the chip.</p>	
<p>10</p>	<p>To remove the seal: - Remove a tube from the connector. - Insert the tube back into the hole to dislodge the seal.</p>	

3. Assembly instructions for PEEK tubing

For PEEK tubing the cut face of the tubing needs to be aligned with the front face of the connector rather than the front face of the seal. If this is not done sealing will be compromised.

1	<p>Insert PEEK tubes (1/16inch, 1.6mm outside diameter) into the holes.</p> <p>Note: make sure the end of the tube has been cut with a clean 90° face.</p>	
2	<p>Remove the tubes from the cleats and then push the face of the connector down onto a flat surface to align the end faces of the tubes with the front face of the connector.</p>	
3	<p>Push the tubes into the cleats for strain relief.</p>	
4	<p>Insert seal into recess.</p>	
5	<p>Evenly tighten the thumbscrews down onto the chip header or chip holder.</p>	

<p>6</p>	<p>Do not over-tighten the thumbscrews. This can result in damage to the chip.</p>	
<p>7</p>	<p>To remove the seal: - Remove a tube from the connector. - Insert the tube back into the hole to dislodge the seal.</p>	



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