Jig for the demonstrator

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BTOF Demonstrator Assembly Meeting
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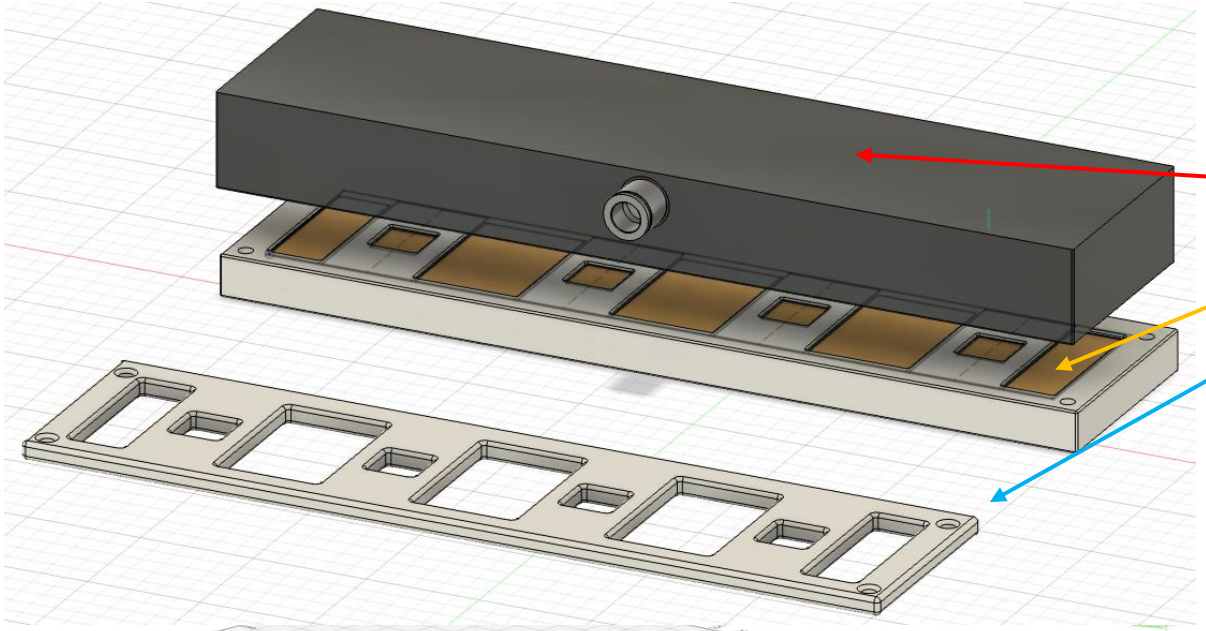
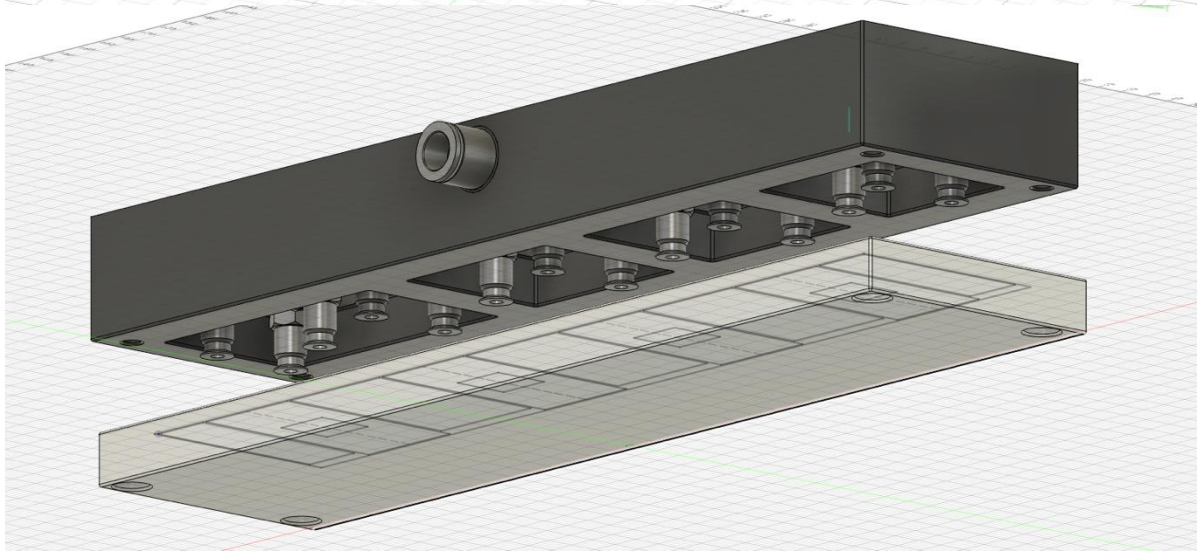
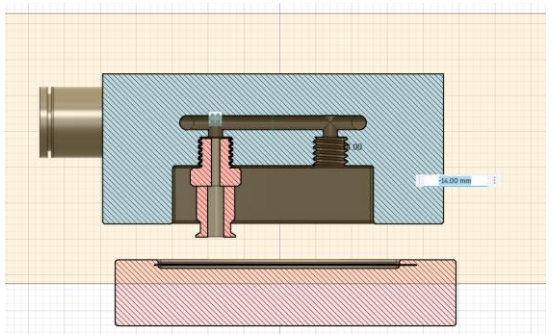
Vacuum Jig Prototype for BTOF stavelet assembly

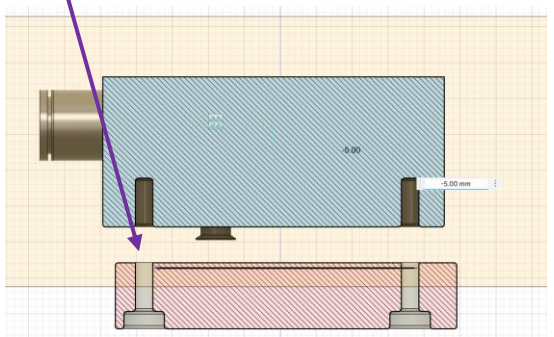




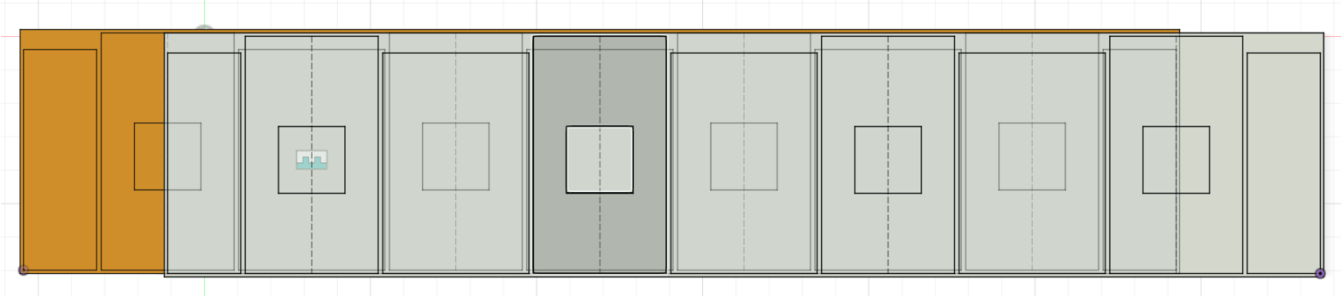
Vacuum jig (fixture) will be used to pick up components (sensors and ASICs) from the holder to place them into the interposer.

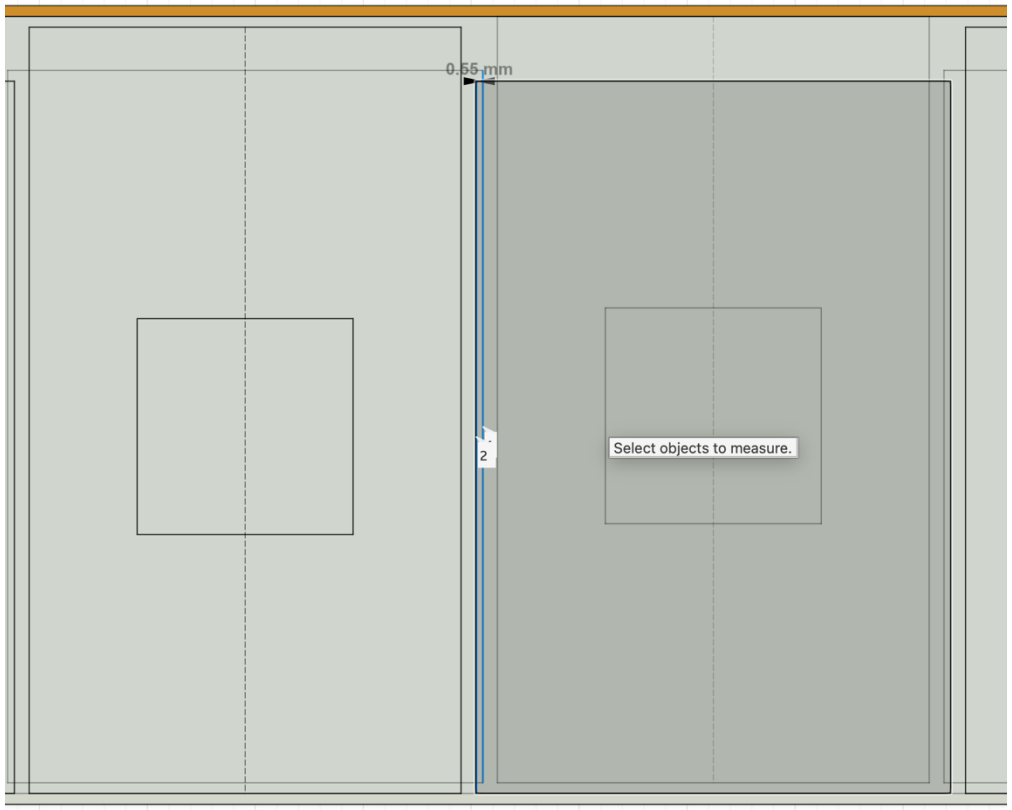
For positioning, the align pins will be used as well as the assembly fixture





Assembly Precision Estimation

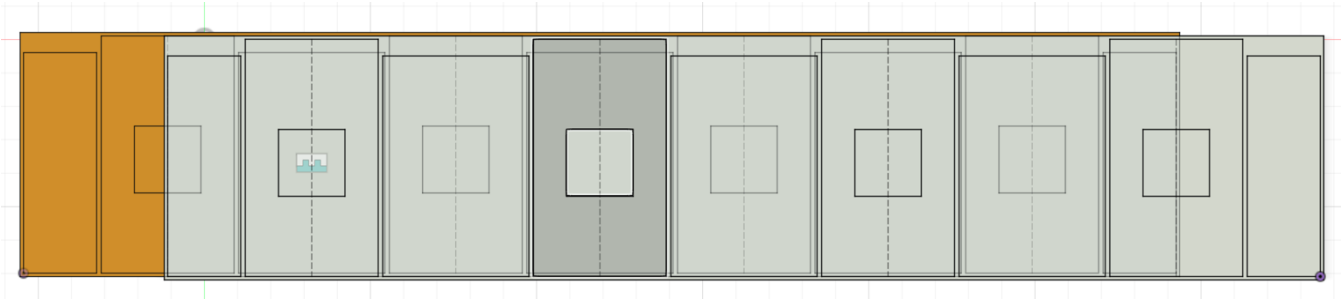


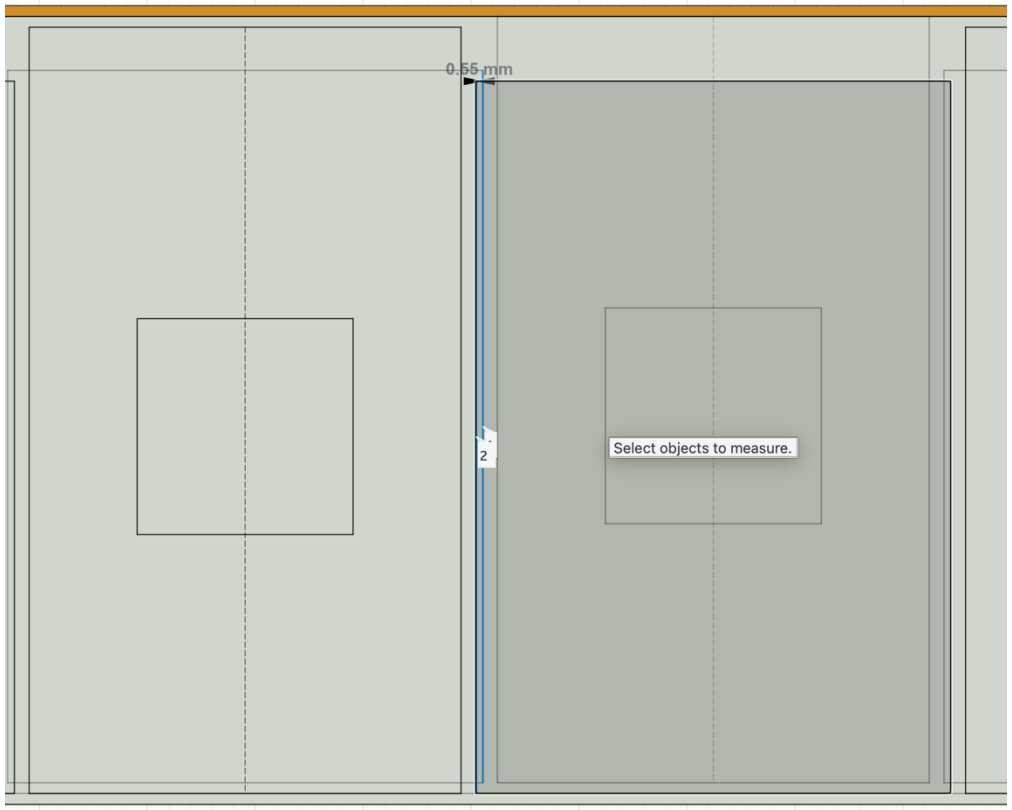


550 μm – distance between edges of sensors,
a.k.a. maximum tolerance

550 μm / $\sqrt{12} \approx 158$ μm - probably could be used as a loading precision (jig loading precision)

Prototype of the jig





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