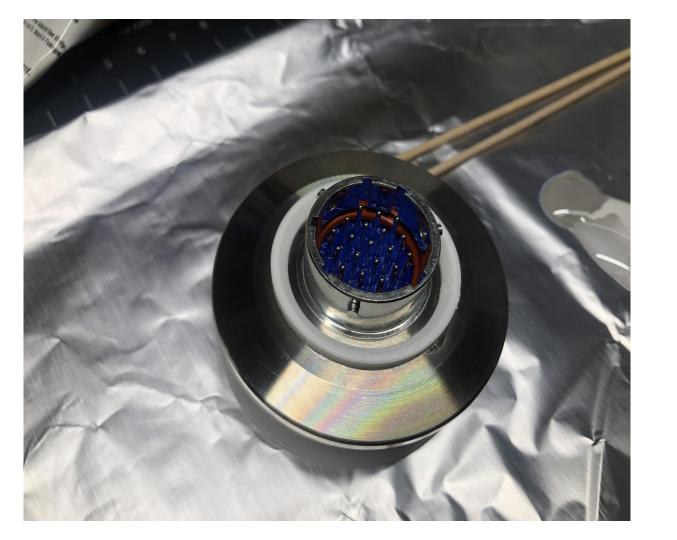
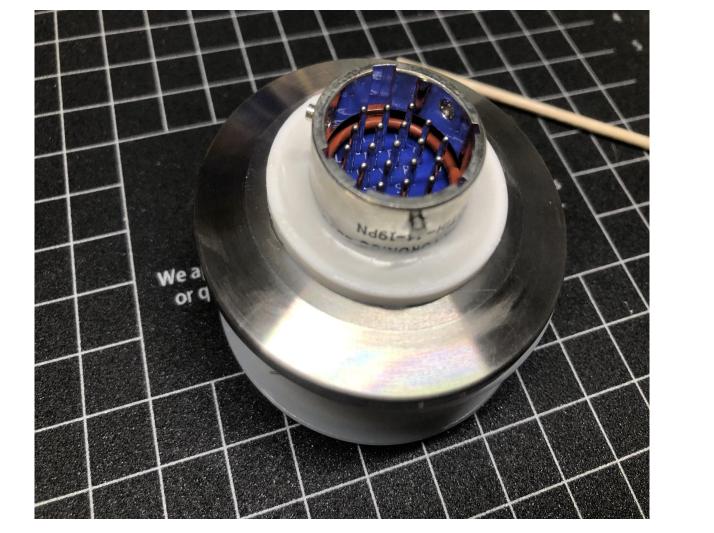
DIY 19-Pin Feedthrough

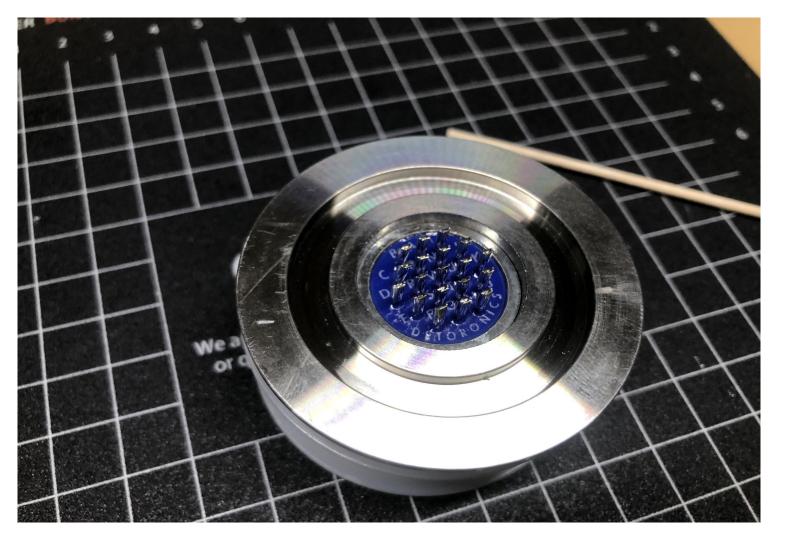
- Goal:
 - Create a vacuum compatible, lower cost 19-pin electrical feedthrough.
- Parts Required
 - KF40 drilled with a 0.92" hole in the center
 - Should just fit the connector. Don't mess this up. If it is too big the part won't sit correctly on the lip. Look at a drill chart if you have questions and use your best judgement. Edges should be free of burrs.
 - 19-pin Bulkhead: PN DT1H-14-19PN (Detoronics)
 - https://octopart.com/dt1h-14-19pn-detoronics-102769042
 - Hysol 1-C or Torrseal
 - 3D printed glue boat
 - Github
 - Superglue (optional, but recommended, to hold down glue boat)
 - Some sort of epoxy applicator (thin wood stir stick)











First try with the boat that was not glued down only only held down with clips. You can see leakage around the edge of the boat. Still works though. Be sure no to overfill the boat otherwise the connector won't be able to seat properly.

