

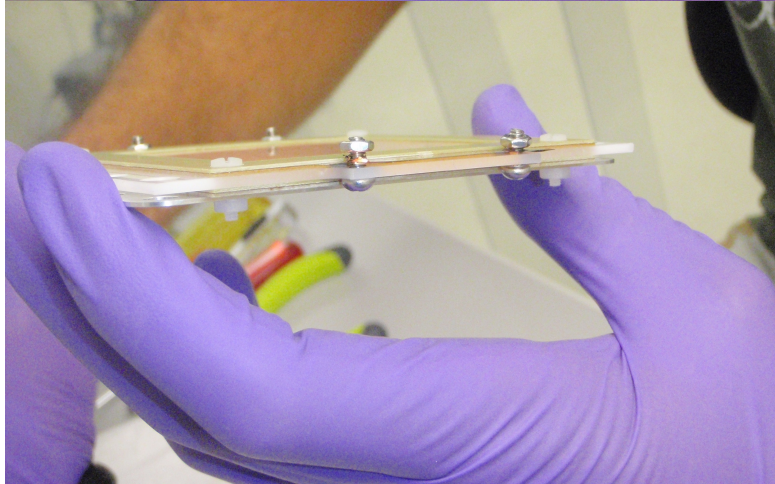
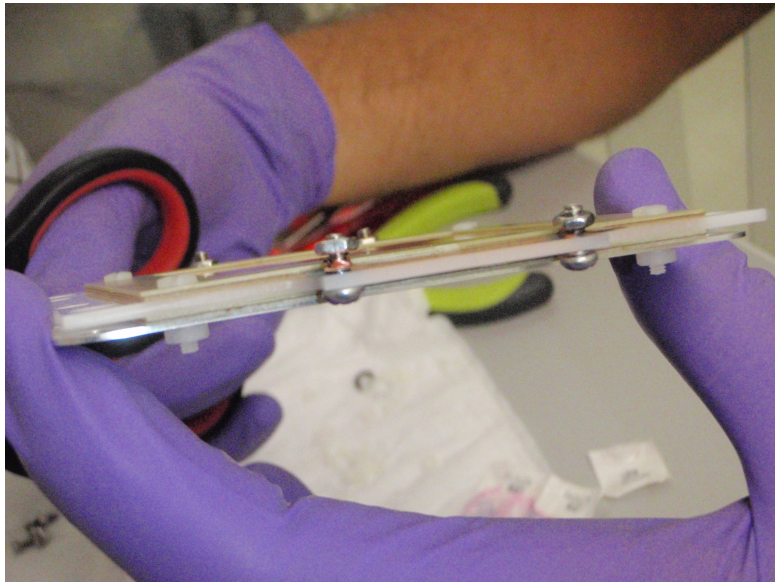
Prototype I purchases

- 1 feedthrough for GEM HV
- resistors, SHV connectors for 2 new HV divider box (Tom mirror and new skim x 5 resistance values to reduce current) and one new potentiometer

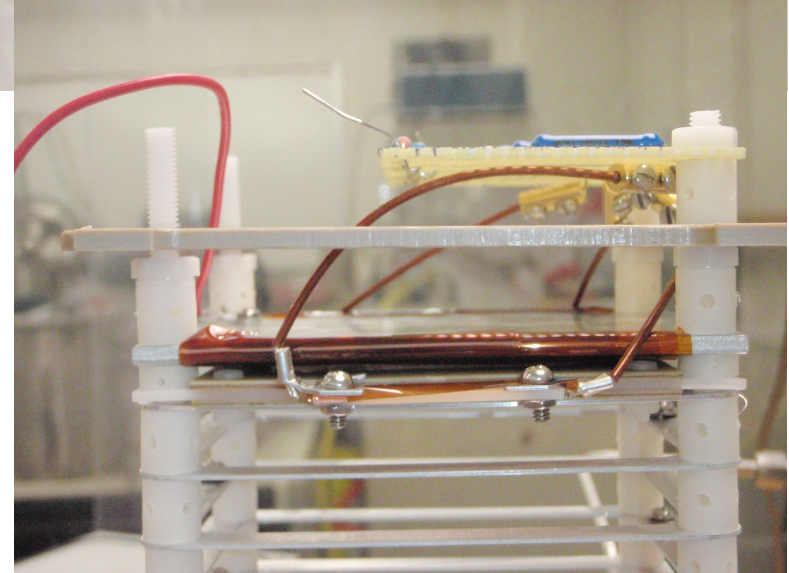
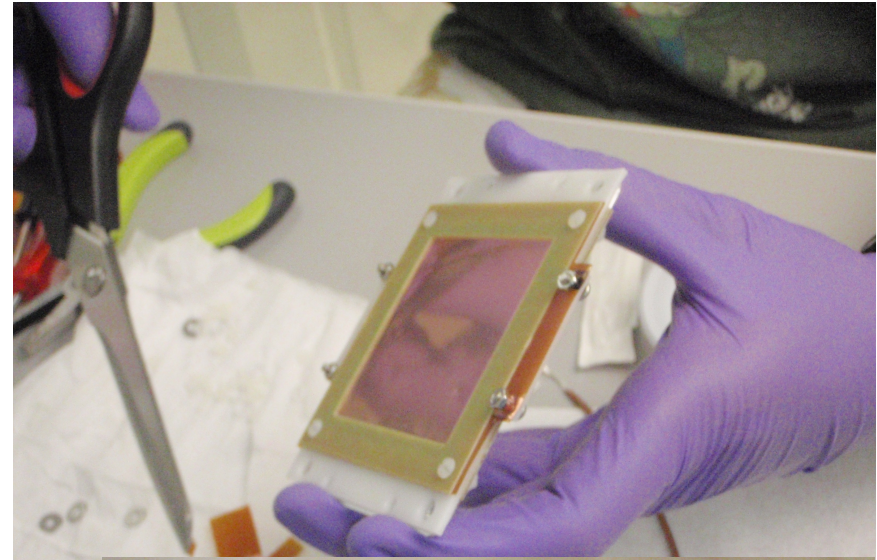
Screws, nuts, washers

- Pan Head Phillips Machine Screws x 250
 - 316 SS, 4-40, length 7/16"
- Machine Screw Hex Nuts x 250
 - 316 SS, 4-40, height 3/32"
- Undersized Machine Screw Hex Nuts x 250
 - 18-8 SS, 4-40, height 1/16"
- General Purpose Stainless Steel Washers x 250
 - 316 SS, type 4, 1/8", 5/16"

Readout pics



Igal Jaegle



Purchases

Resistances

- We want
 - 3M to 100M resistance
 - 0.1% at 250 V to 800 V id 0.3 ppm/V Voltage Coefficient
 - But that could go up to 3kV
- 100M at 1% tolerance => 1500 unit for \$1.7k but not clear yet how many if VC take into account, probably much more
- We can also order directly:
 - 100M at 0.1% tolerance => 100 unit for \$3.2k and 10 weeks lead time
 - 10M at 0.1% tolerance => 100 unit for \$300 and lead time 4 month