

Mechanically Stretched Thin Gap Hybrid Detector

Florida Institute of Technology

Update 5/14/2026

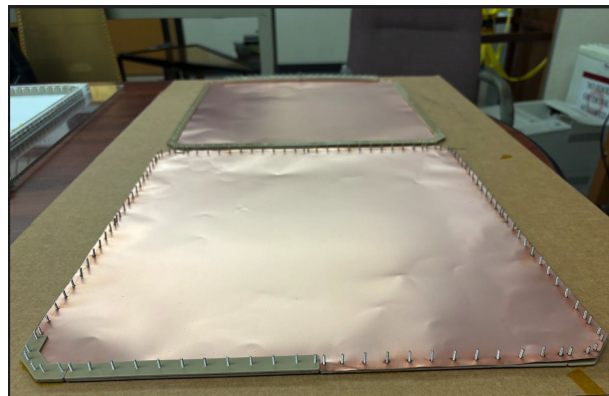
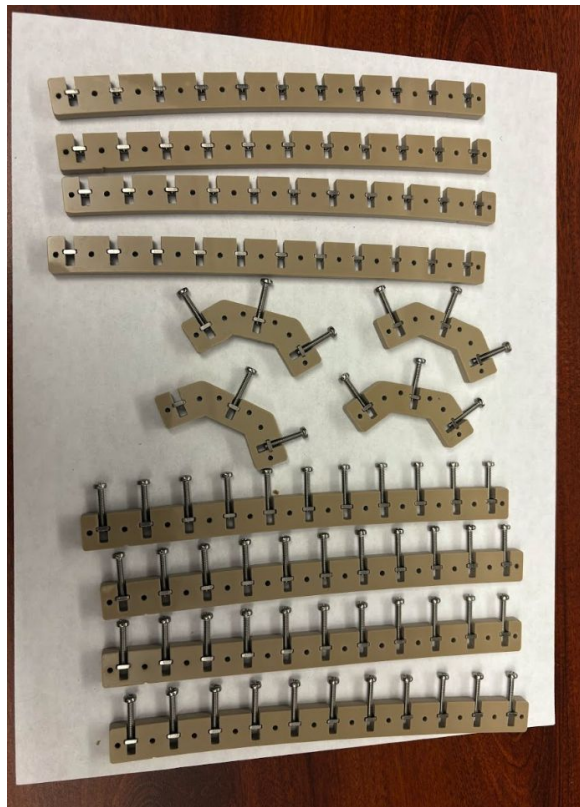
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Updates



Assembly

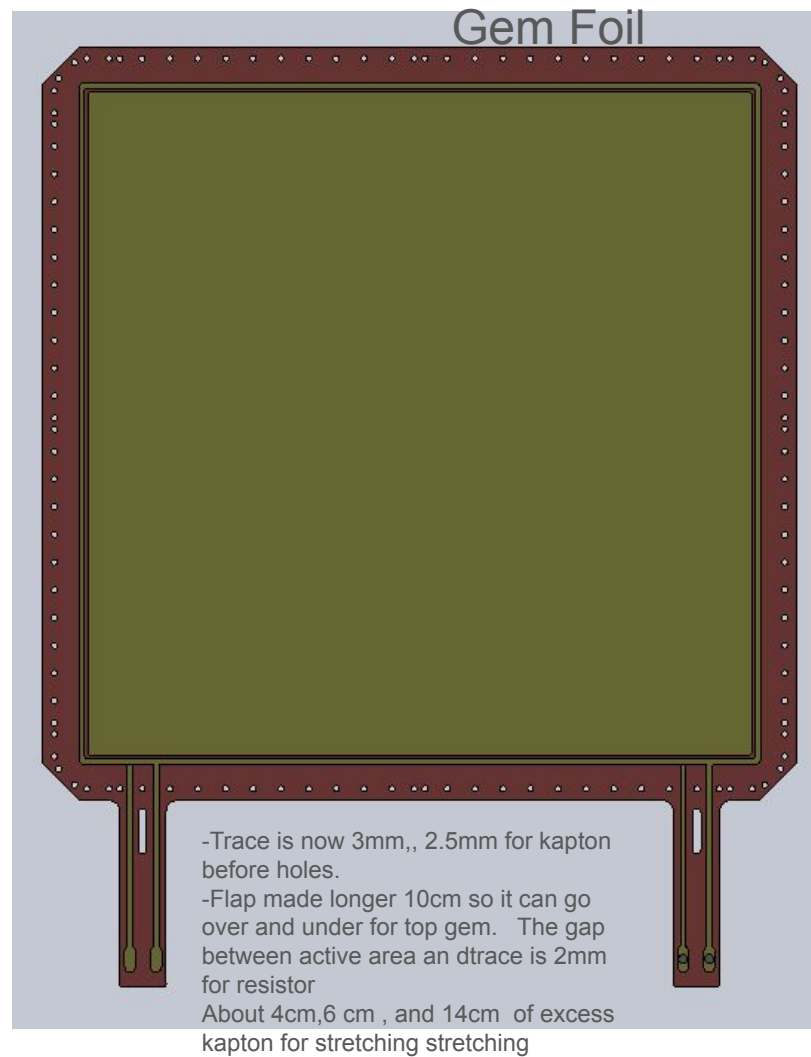
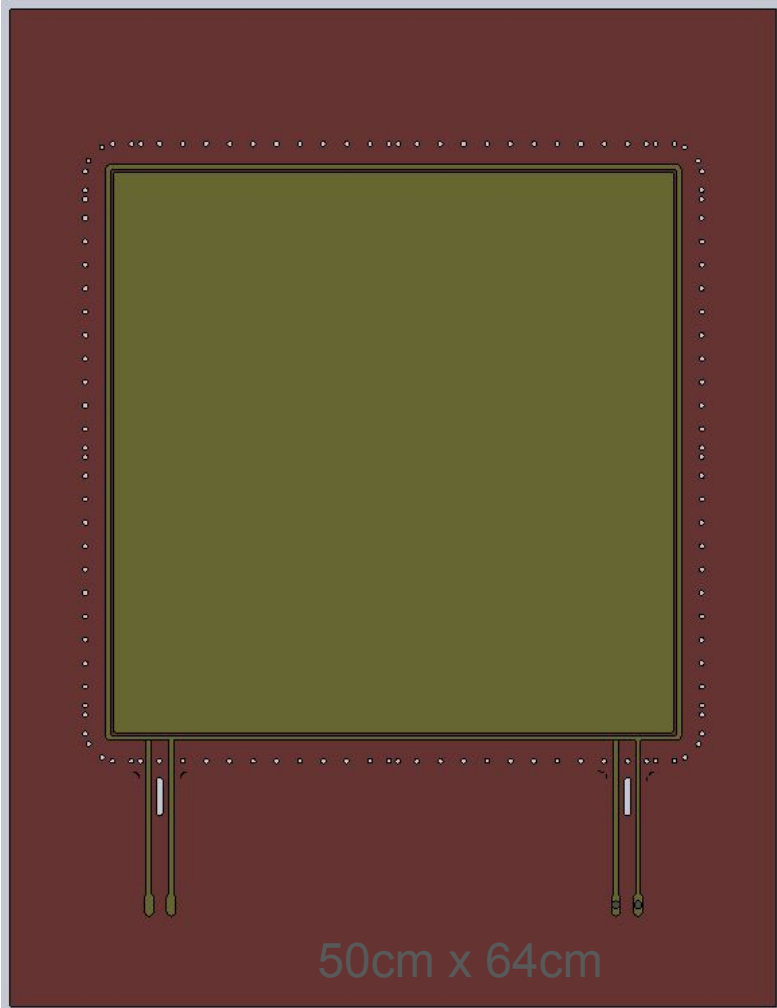


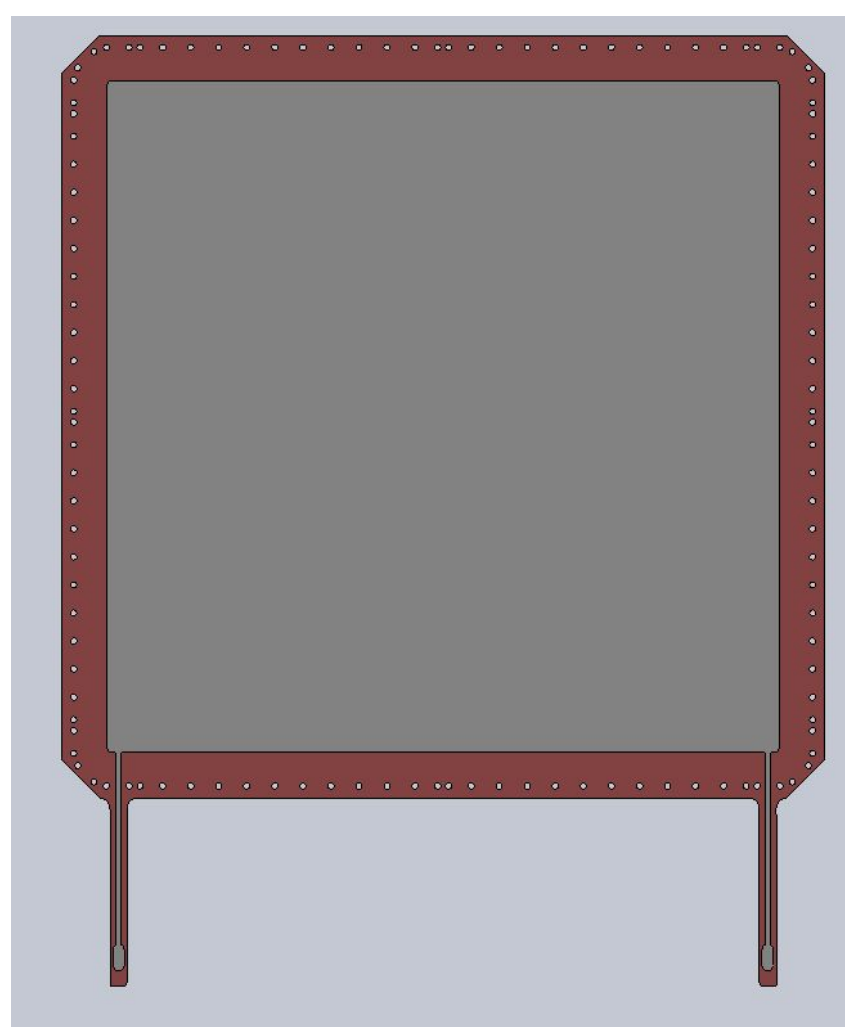
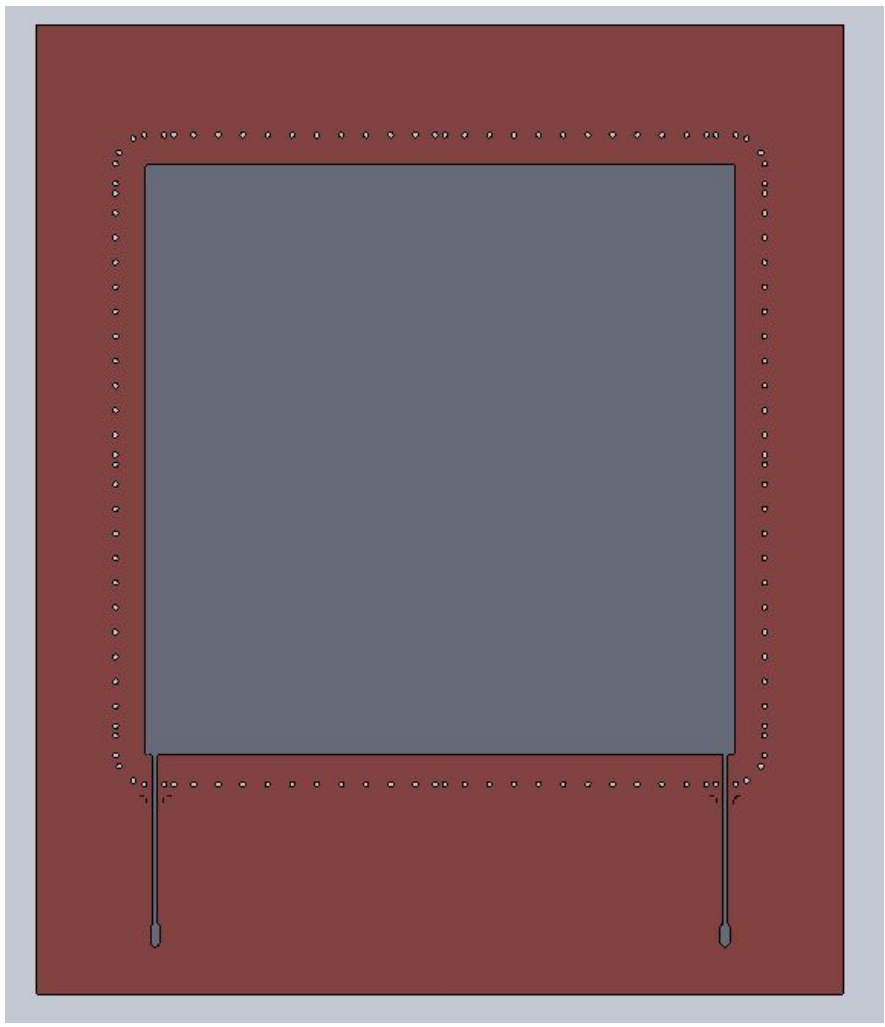
Before Stretching



After

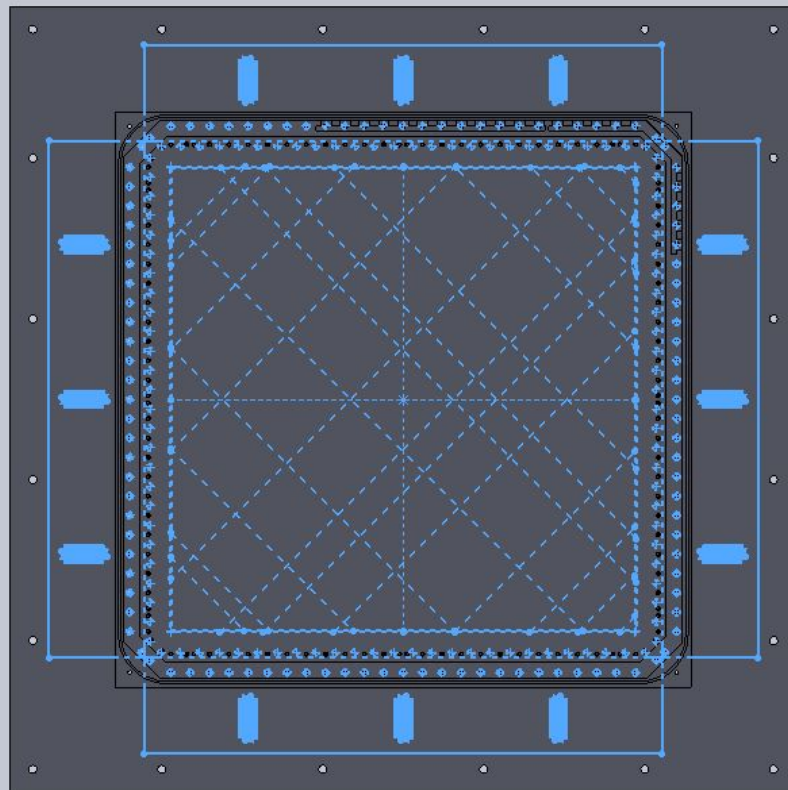
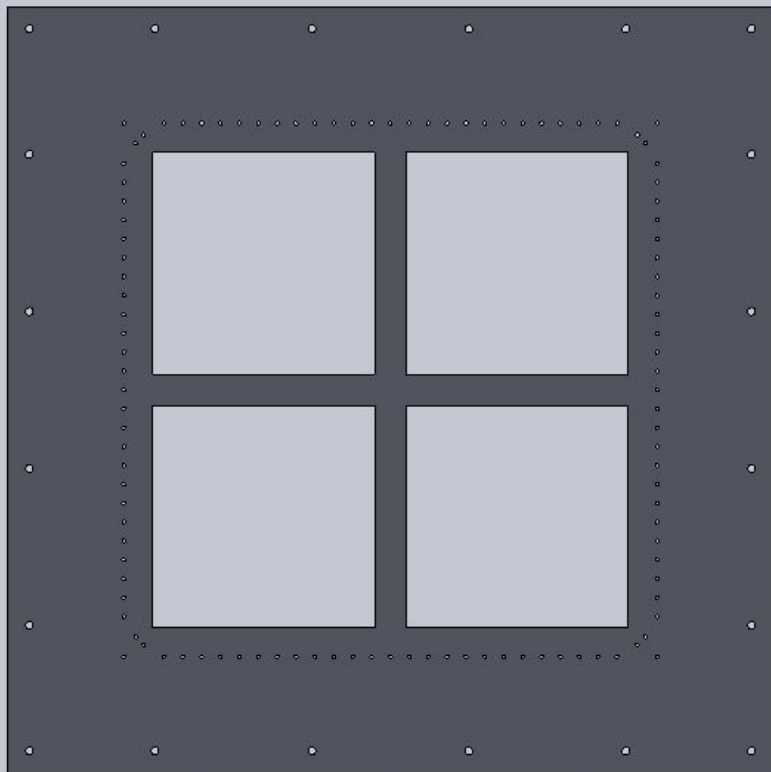






Carbon Frame updates

-Modified the inner support cross to 1 inch since observed bowing when when tightening pullouts in the acrylic frame. - may modify it back to 1 cm . - Added holes on the rim to screw down to optic table and to attach any kbar frames for beam test mounting in future



Assembly

