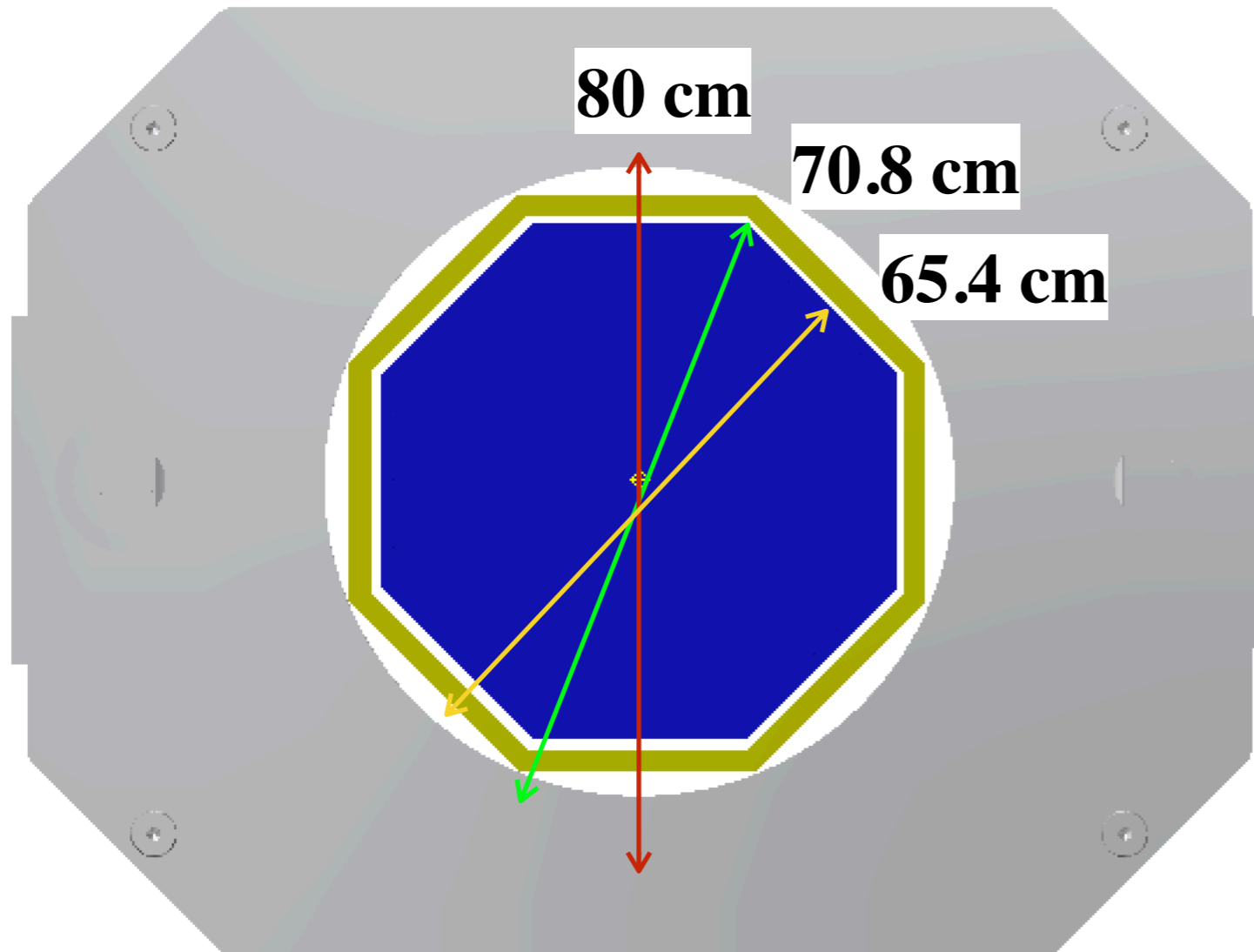


hanul meeting

Frame Design

**Korea Univ.
Wooseung Jung**

SIZE CONSTRAINTS



Diameters of

↔ SC coil

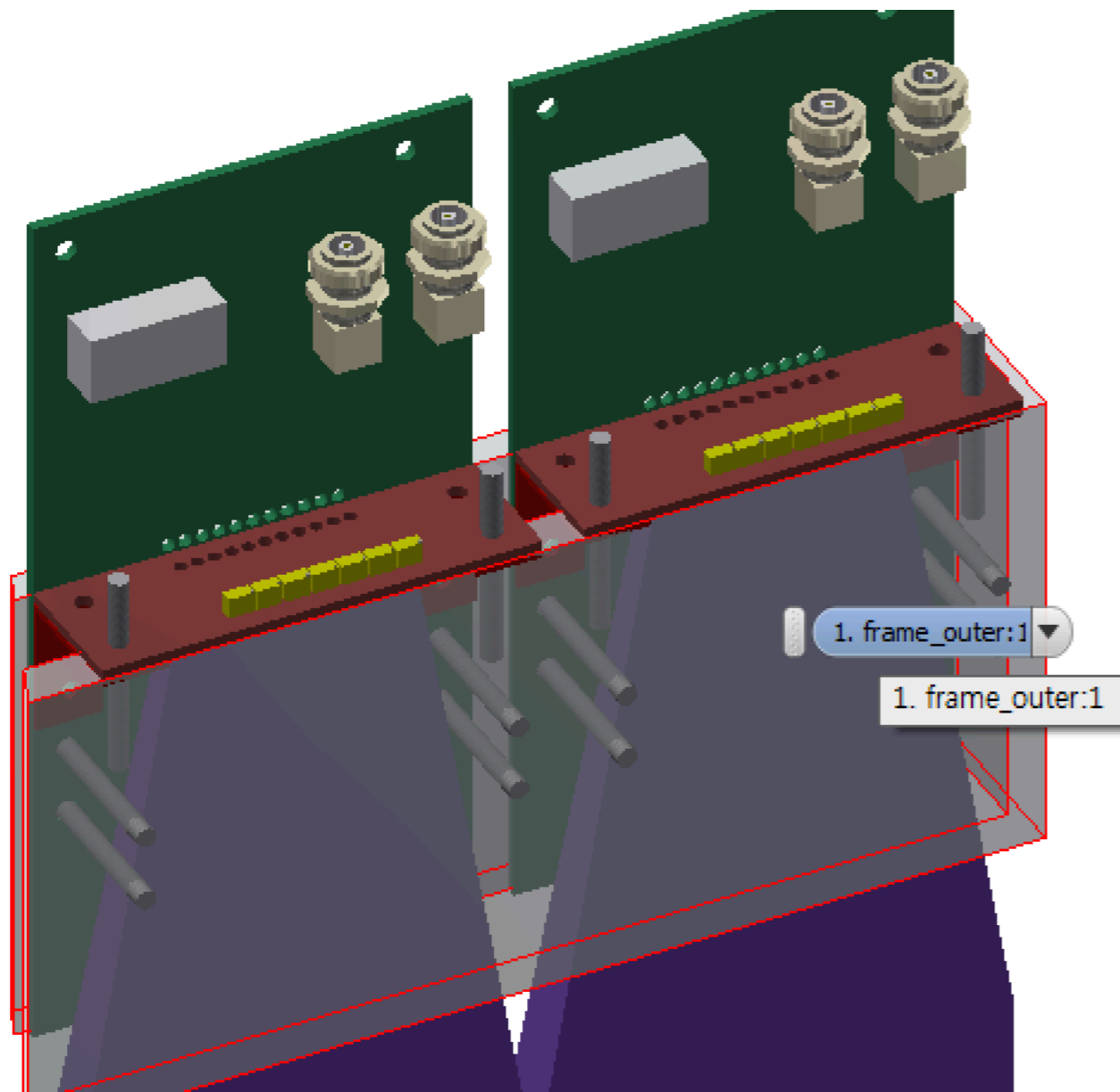
↔ TPC outer

Hodescope should be placed in yellow painted area(32.9 cm)

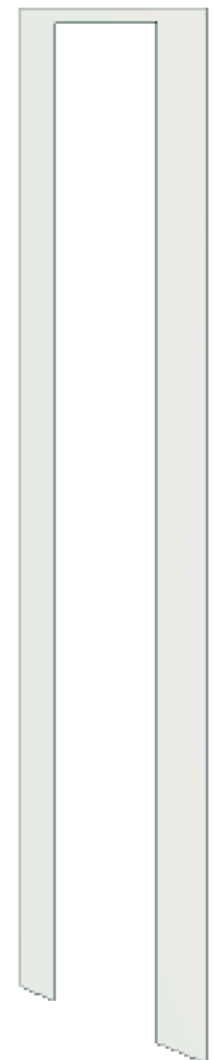
Constraint : Board width $< \sim 3$ cm

FRAME UNIT

Two segments are one unit.



Top view



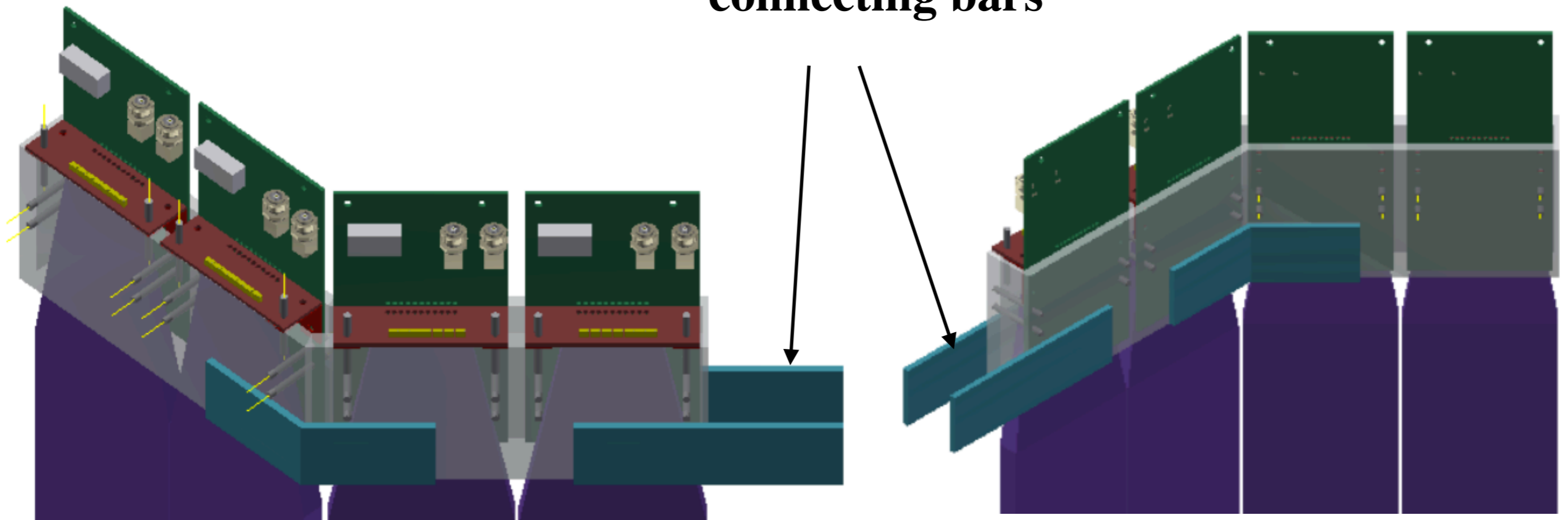
CONNECTION BETWEEN FRAMES

Each unit is connected to each other by connecting bars

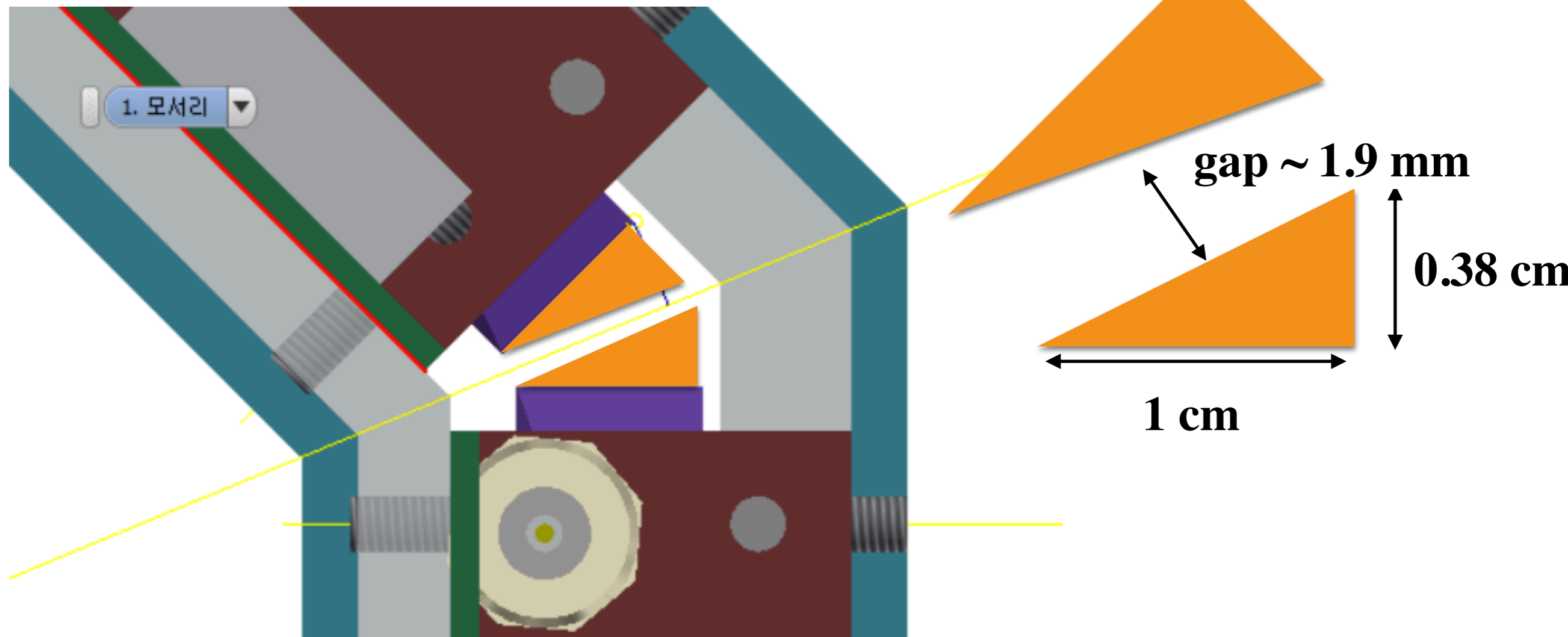
outside view

connecting bars

inside view

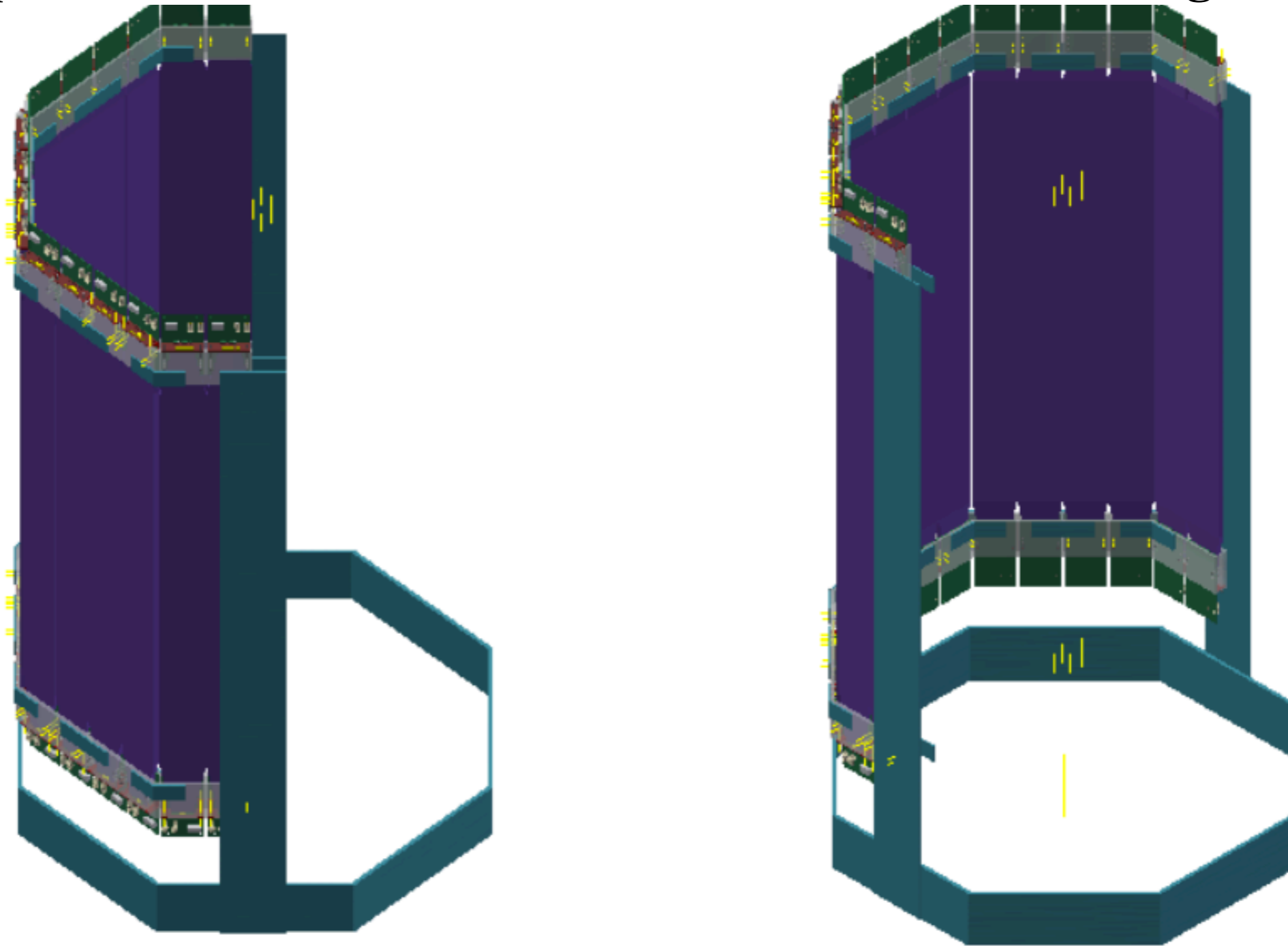


CONNER SCINTILLATOR



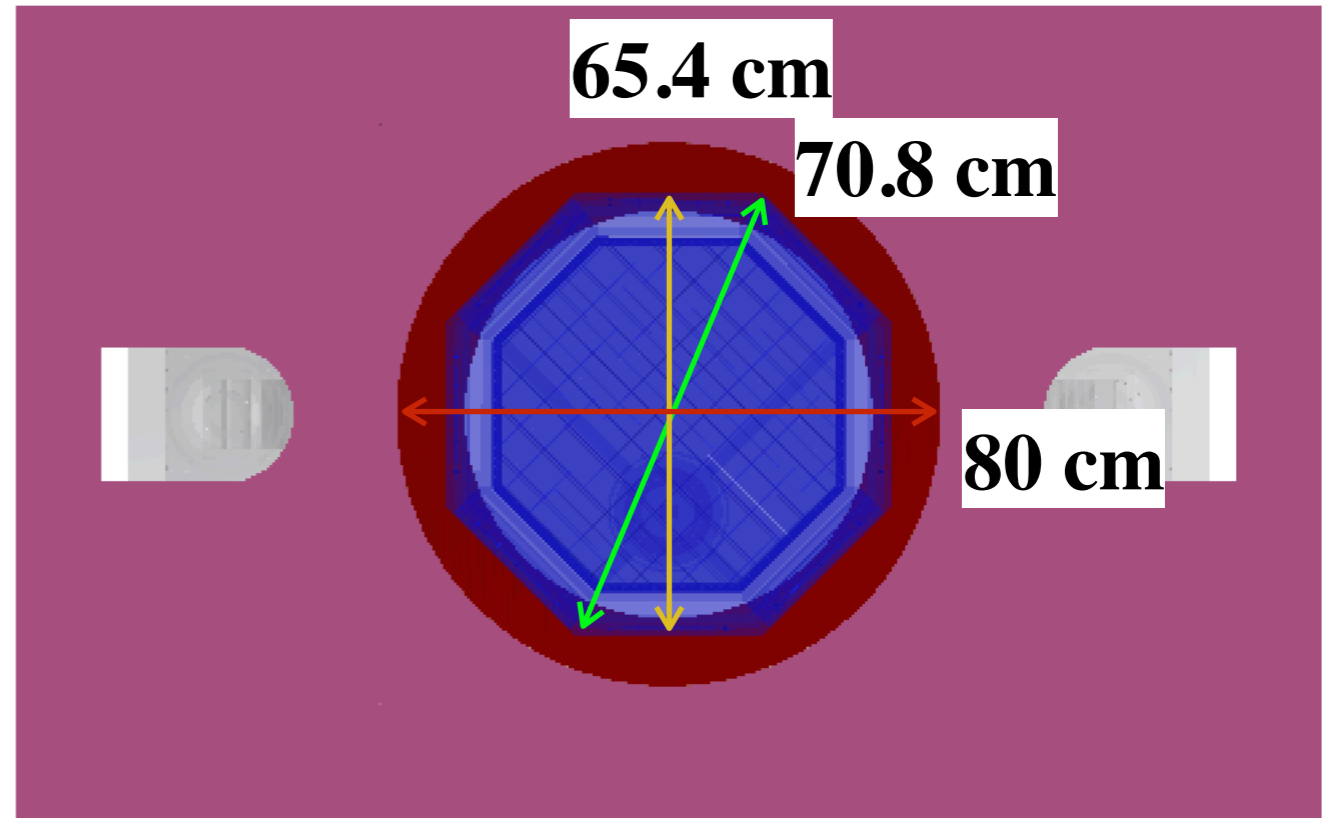
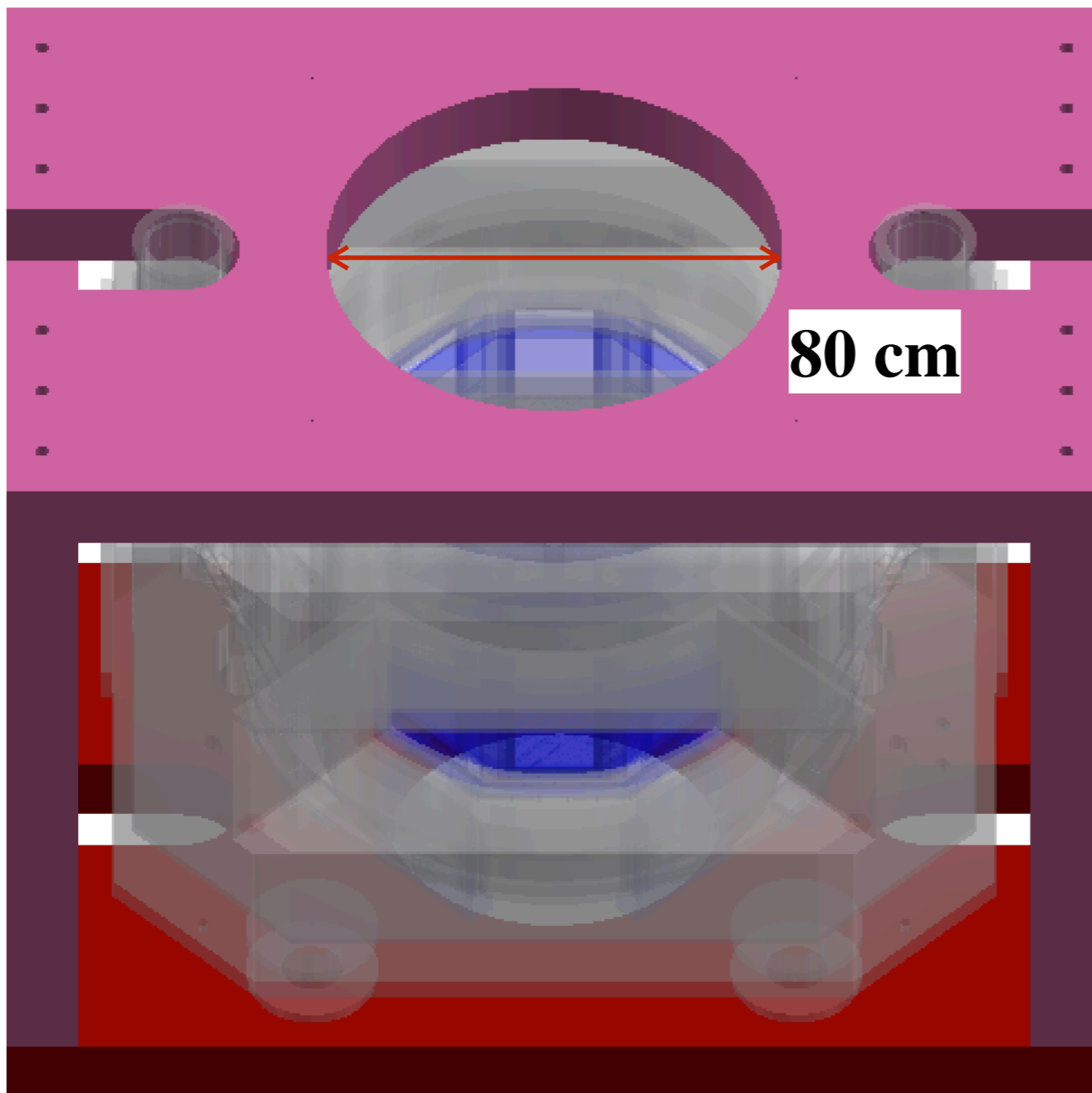
SUPPORTING STRUCTURE

Supports the entire structure with two bars and an octagonal ring



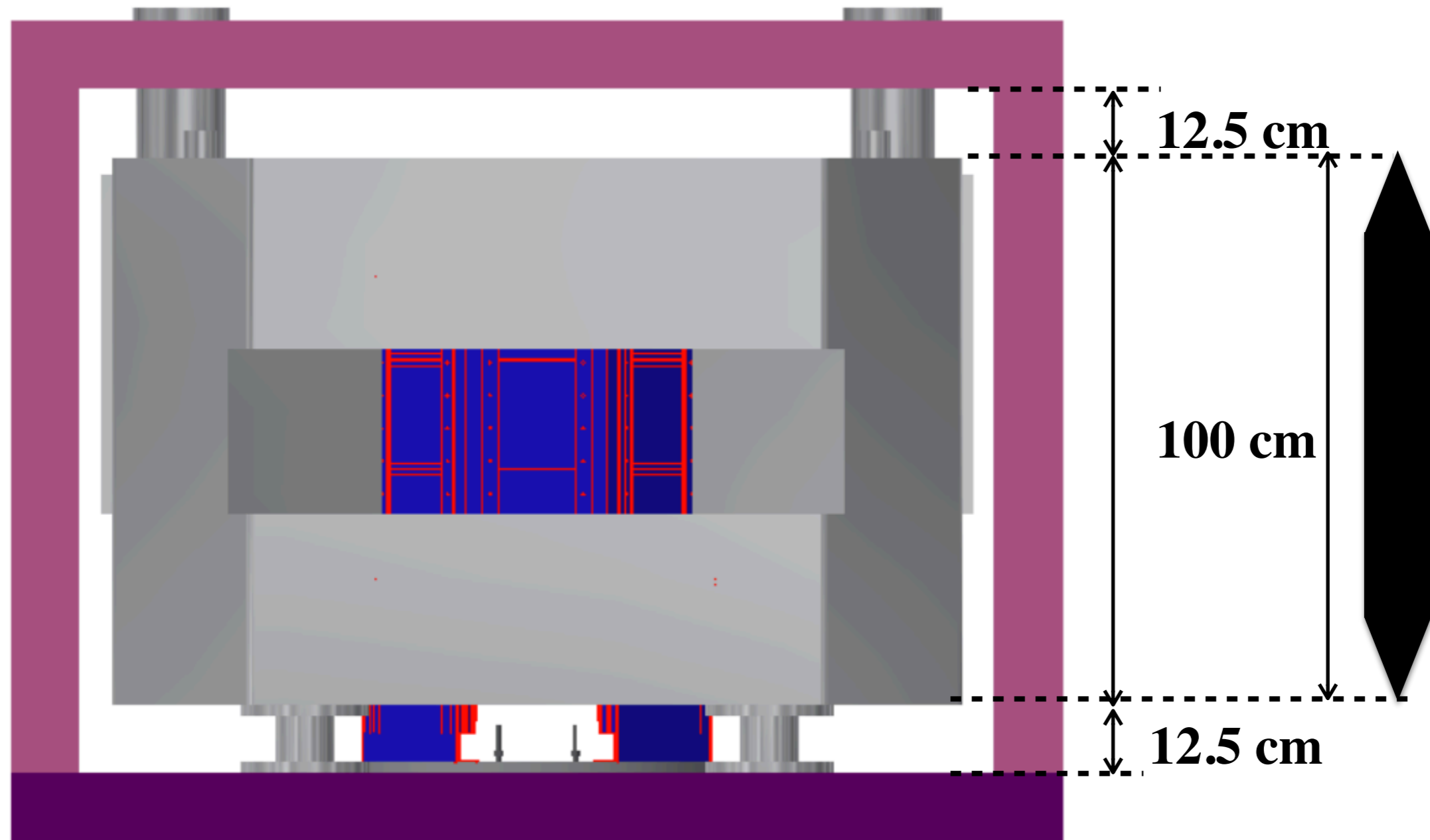
BACKUP

SC MAGNET & TPC



- ← → **SC coil**
- ← → **TPC outer**

SIZE CONSTRAINTS



Preamp + Lemo(5.5) < 12.5 cm

Constraint : Preamp length < 7 cm

LIST

1. **Additional screw holes**
2. **5 pin connector**

connector models

5267-05AX : 2.50mm Pitch Wire-to-Board Header, Right Angle 5Pin
(company : Yeonho(KR))

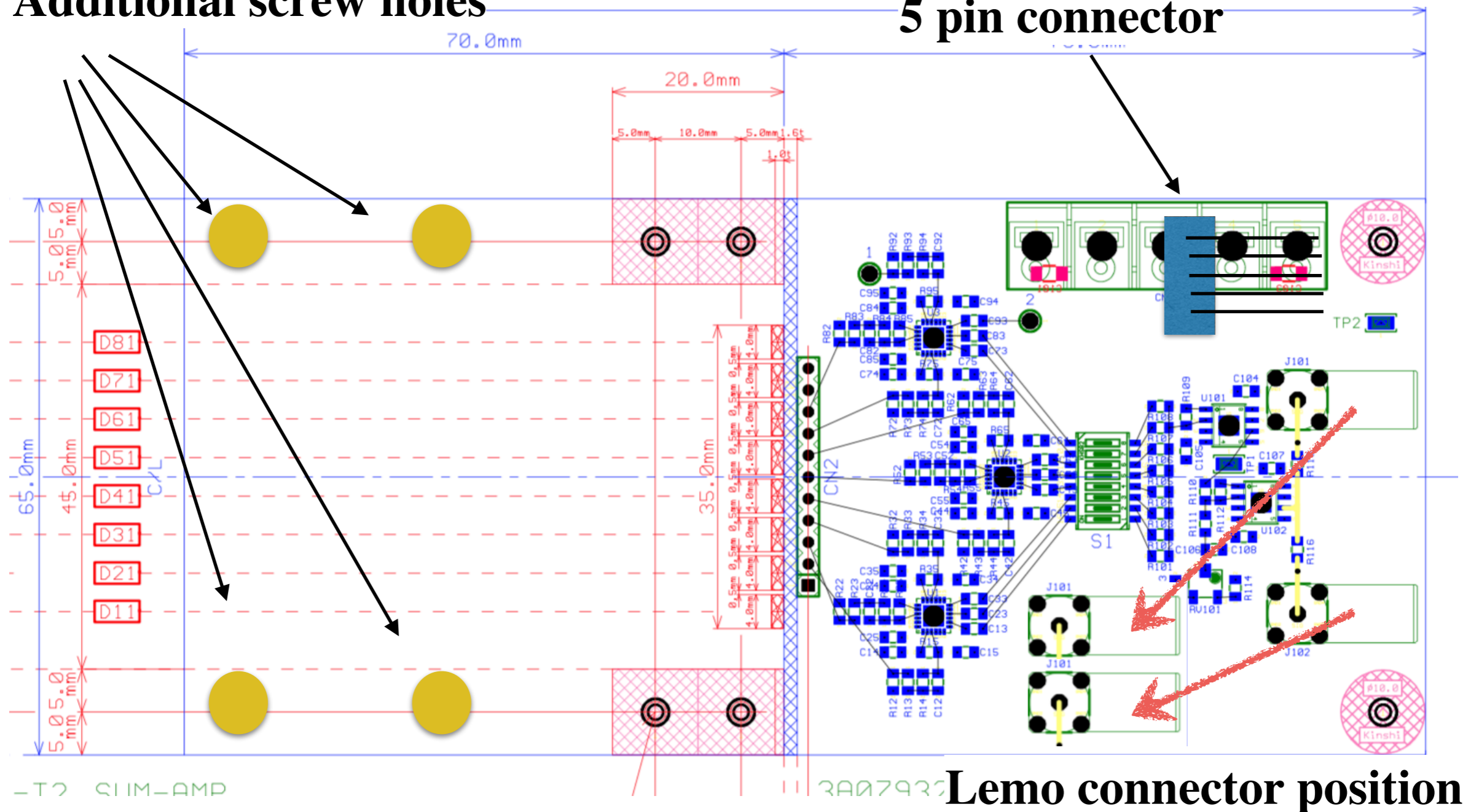
SMAW250-05 Angle Wafer : 2.5mm Pitch 5Pin Lock Wafer
(company : MOLEX(US))

3. **Lemo connector position**

DESCRIPTION

Additional screw holes

5 pin connector



Lemo connector position