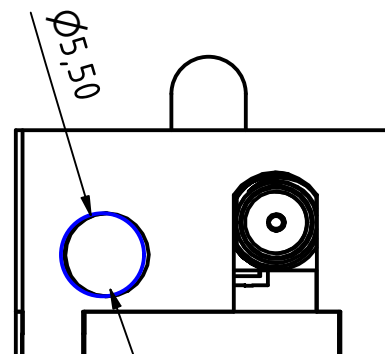# SFH203 photodetector assembly notes

Mount PCB via SMA
connector using standard
hex nut and washer

Clamping screw
DIN913 M4x5

M4 insert:
Ruthex
RX-M4Sx4,0 SHORT

$\emptyset 5,50$

Use d=5mm wire
add standard tubing
for clamping

25,00

Mount with PEEK screw (DIN913 M4)
and Kapton foil for insulation

Mount cover with
DIN 963 M2x8 and
Ruthex RX-M2x4 inserts

- Use conductive material for 3D printing
- SMA connector centered on footprint (+/-0.3mm)
- Make sure THT pins of the JST connector (PCB) are sufficiently short
- Add shell of the JST connector (cable) after inserting the cable