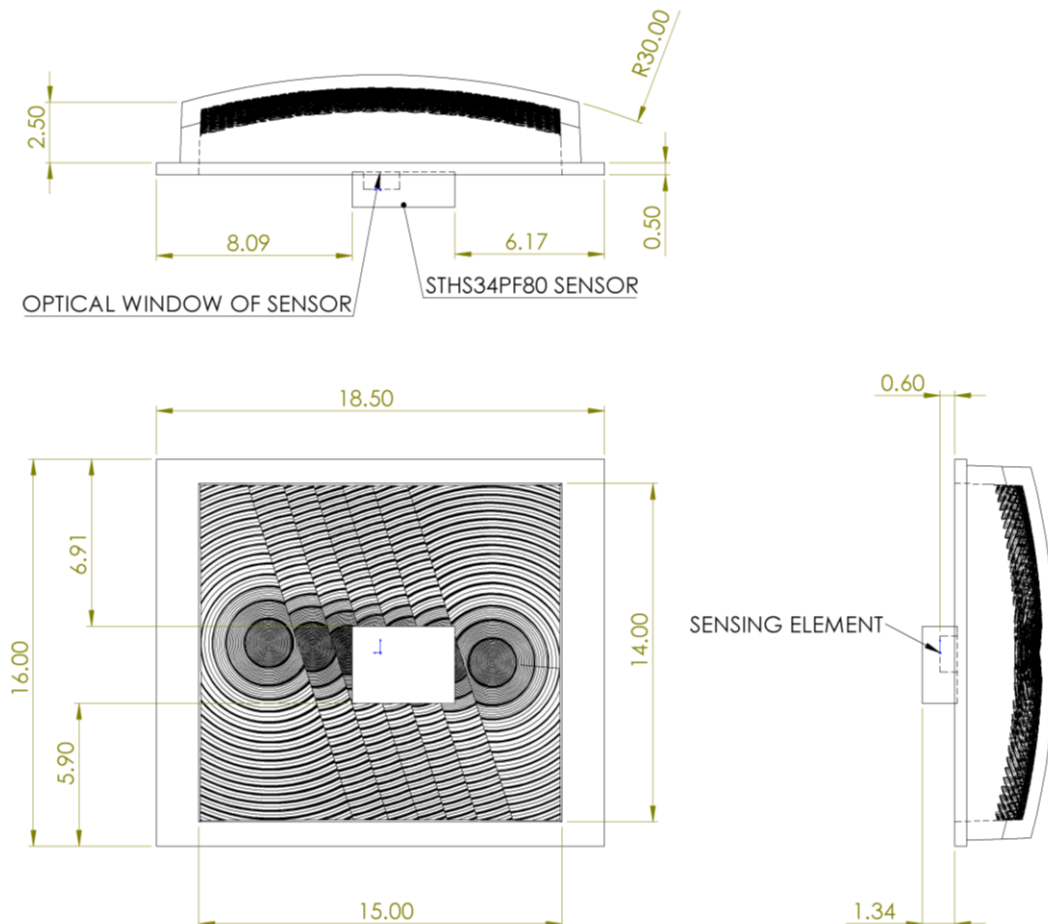


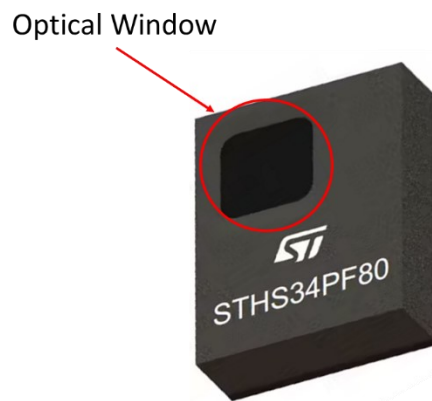
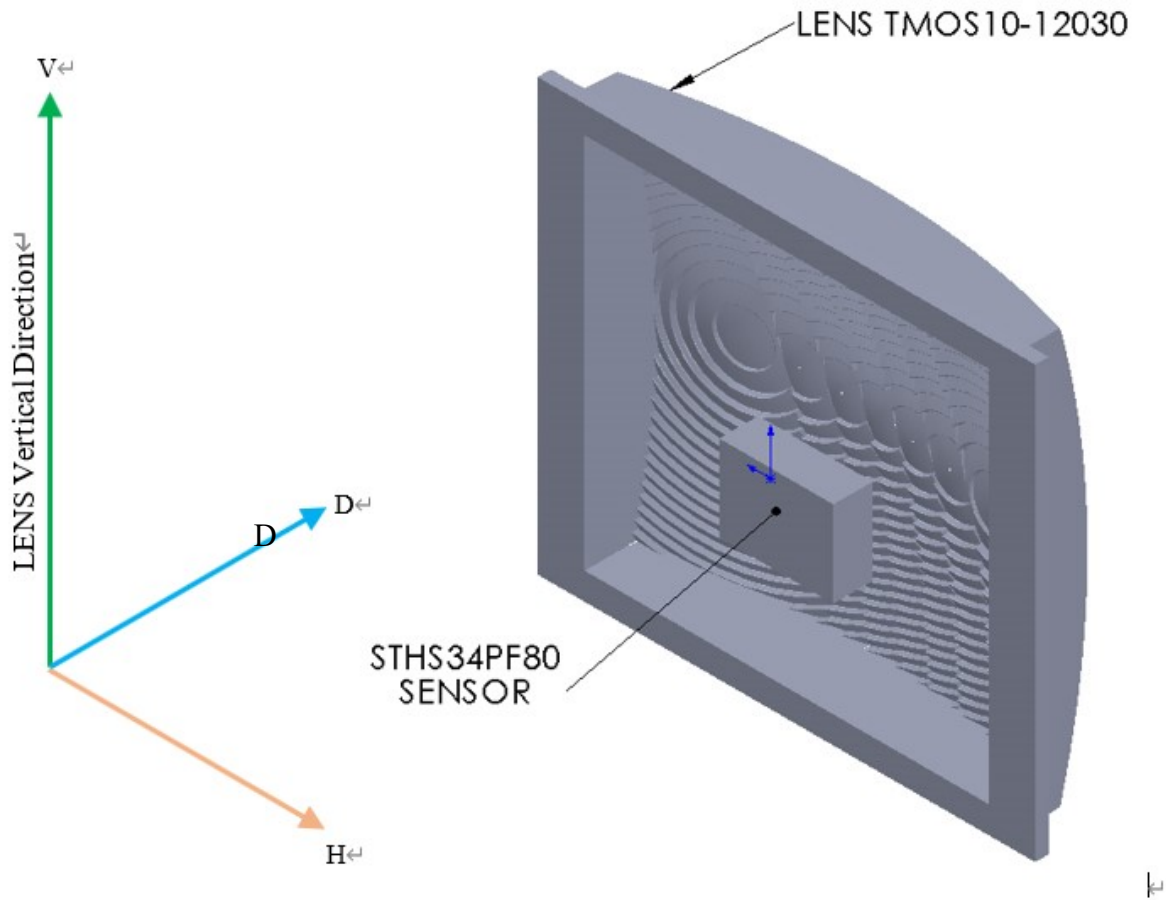
Lens TMOS10-12030 for TMOS EVK

(Patented Lens for wall mounted movement/presence detector, optimized for TMOS sensor)

This document specifies TMOS sensor STHS34PF80 from STMicroelectronics, PCB TMOS 34PF80Rev2.1 noled FrontCable and Lens TMOS10-12030 from Fresnel Factory Inc.

1. Dimension and orientation of TMOS10-12030 lens

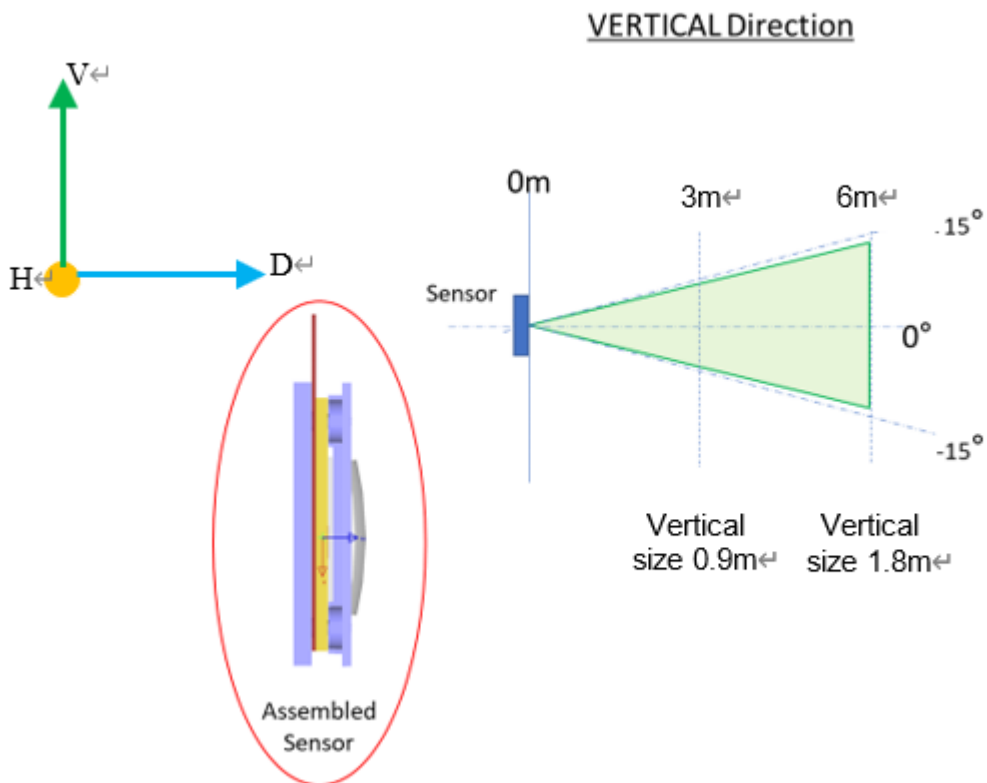
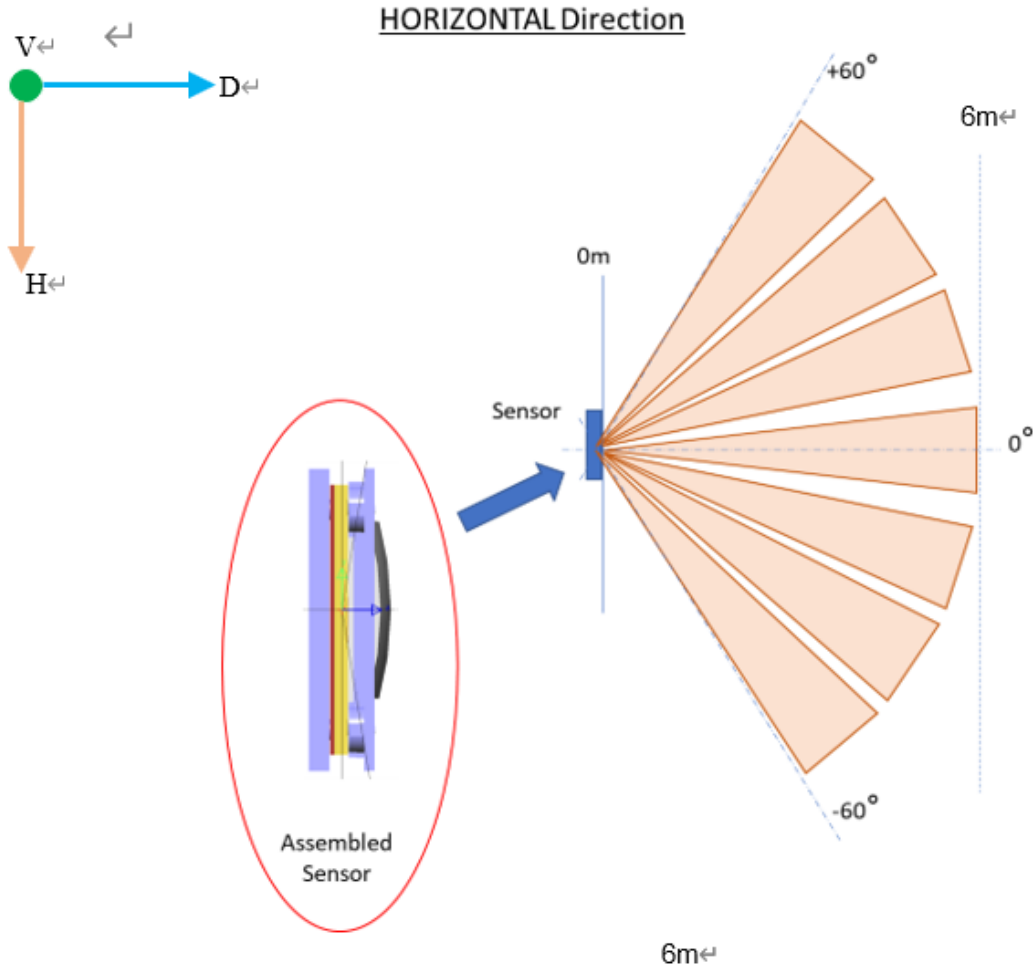




STHS34PF80 sensor

Please Note, that Center of Optical Window of the Sensor must be coincident with axis of symmetry of the Lens

2. Detectable Range and Field of View

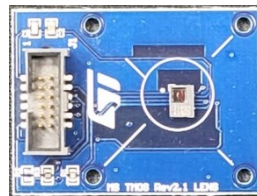


3. Housing for EVK with PCB TMOS_34PF80 Rev2.1_noled_FrontCable

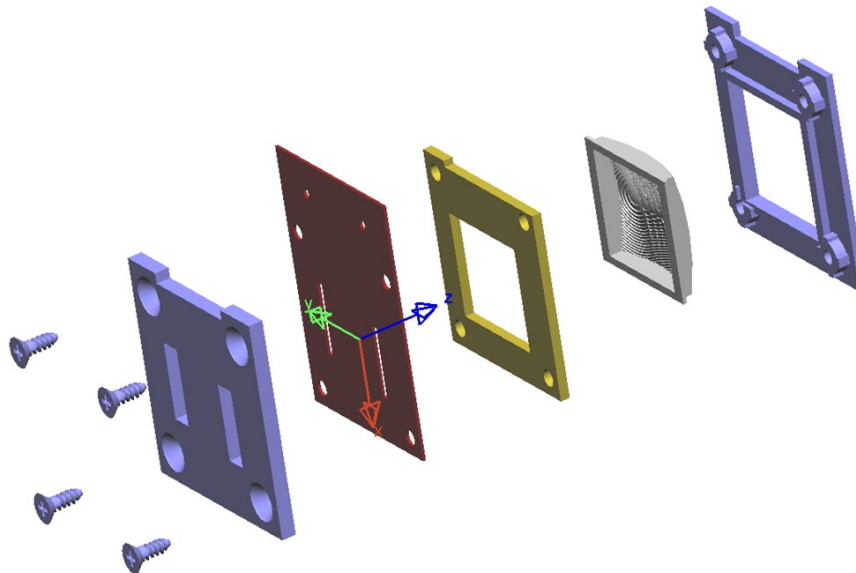
Please download 3D STP file for 3D printing in link below.

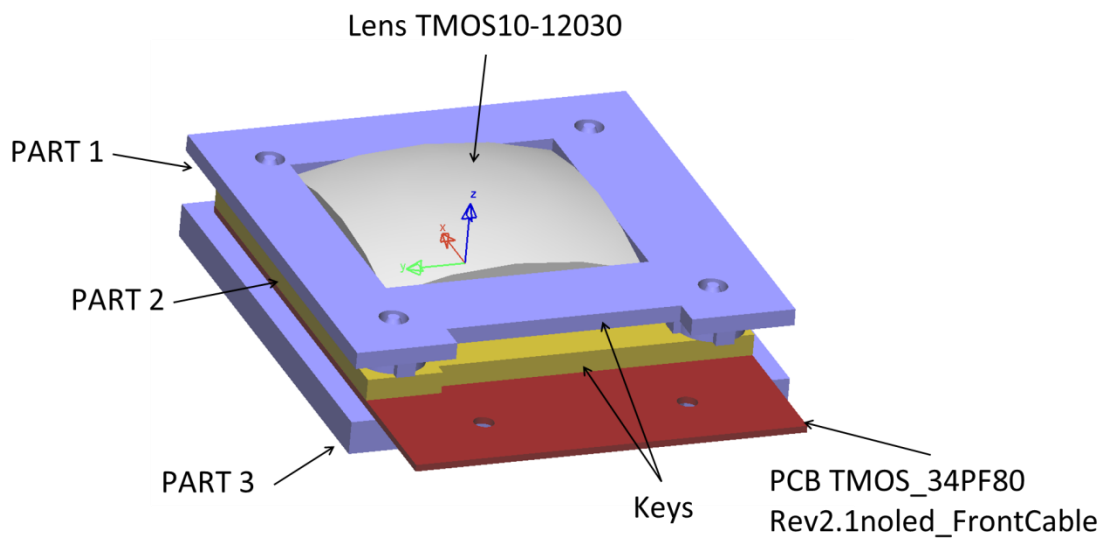
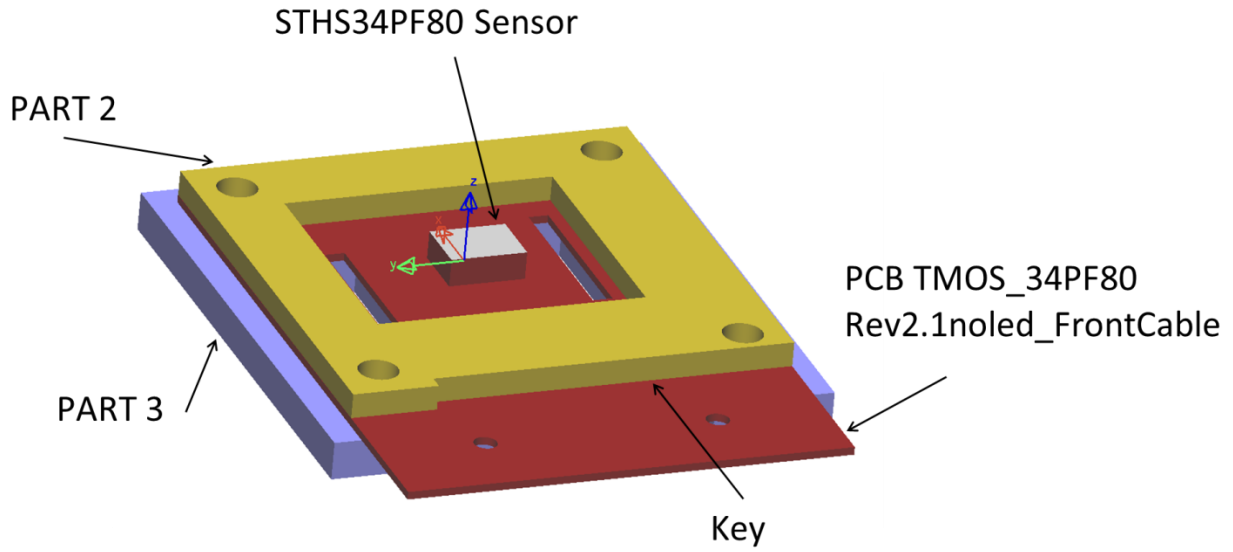
Part 1	Part 2	Part 3
https://drive.google.com/file/d/1gRLProJSniz-w73UoOP3jUCJCDAWmtuV/view?usp=drive_link	https://drive.google.com/file/d/1ifLi_9dXg2PMuxtvUOR00OGqNd8uZ_bV/view?usp=drive_link	https://drive.google.com/file/d/1kX6LIXAk8CNt7Qe363yhO-WZ90OMo1x0/view?usp=drive_link

Housing consists 3 Parts with Directional Keys. All keys must be faced to the PCB connector (see picture below). Housing fastened by 4 Philips self-tapping Screws M2x8.



PCB TMOS_34PF80Rev2.1_noled_FrontCable





- Contact
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