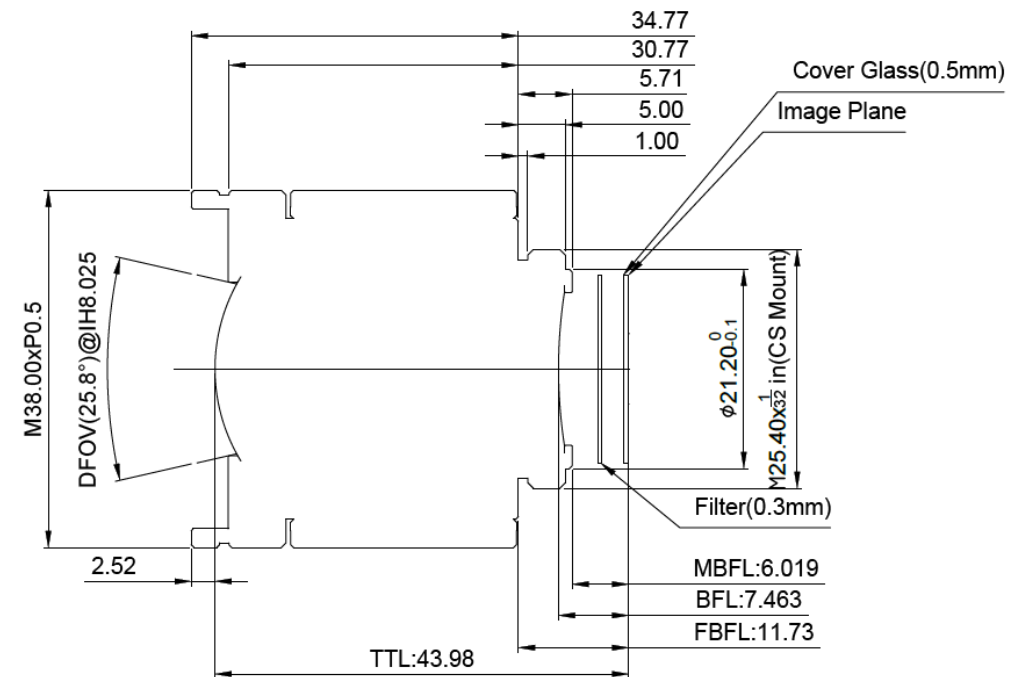


# 6A007 LENS SPECIFICATION

| NO | Item                                | Spec                                                                     |
|----|-------------------------------------|--------------------------------------------------------------------------|
| 1  | Application                         | Surveillance lens                                                        |
| 2  | Construction                        | All Glass                                                                |
| 3  | Sensor Format                       | IMX267, 1"                                                               |
| 4  | Pixel size                          | 3.4 $\mu$ m                                                              |
| 5  | EFL                                 | 35.5 mm                                                                  |
| 6  | F-Number                            | 2.0 +/-5%                                                                |
| 7  | Image circle                        | Ø16.7mm                                                                  |
| 8  | Field of View                       | 25.8° (D) @IH 8.025<br>22.8° (H) @IH 7.039<br>12.1° (V) @IH 3.745        |
| 9  | MTF<br>(Design value)               | Center : 89.9% @48lp/mm<br>0.8F : 82.5% @48lp/mm(S)<br>87.5% @48lp/mm(T) |
| 10 | Optical Distortion                  | $f \cdot \tan \theta$ : -1.2%                                            |
| 11 | Relative Illumination               | 57.3% @1.0F                                                              |
| 12 | CRA                                 | < 12°                                                                    |
| 13 | Total Track Length (TTL)            | 43.981 mm                                                                |
| 14 | Back Focal Length (BFL)             | 7.463 mm (Include CG0.5 and Filter0.3)                                   |
| 15 | Mechanical Back Focal Length (MBFL) | 6.019 mm                                                                 |
| 16 | Interface                           | CS-mount                                                                 |
| 17 | IR correction (940nm)               | Yes (with IR filter 0.3 / AR filter 0.3)                                 |
| 18 | Sealing Class                       | No                                                                       |

2D outline



| Sensor | FOV(D) | FOV(H) | FOV(V) | RI    | Distortion | TV-dis. |
|--------|--------|--------|--------|-------|------------|---------|
| IMX267 | 25.8   | 22.8   | 12.1   | 57.3% | -1.2%      | -0.2%   |
|        |        |        |        |       |            |         |
|        |        |        |        |       |            |         |
|        |        |        |        |       |            |         |