

## 6A004 LENS SPECIFICATION

| NO | Item                                | Spec                                                                             |
|----|-------------------------------------|----------------------------------------------------------------------------------|
| 1  | Application                         | DMS                                                                              |
| 2  | Construction                        | 6G + 1BPF                                                                        |
| 3  | Sensor Format                       | AR0234                                                                           |
| 4  | Pixel size                          | 3.0μm                                                                            |
| 5  | EFL                                 | 5.63 mm                                                                          |
| 6  | F-Number                            | 1.8                                                                              |
| 7  | Image circle                        | Ø7.1 mm                                                                          |
| 8  | Field of View                       | 71.7° (D) @IH 3.396<br>36.9° (V) @IH 1.8<br>60.0° (H) @IH 2.88                   |
| 9  | MTF                                 | Center- 83.5% @ 56lp/mm<br>0.8 Field- 77.3% @ 56lp/mm (S)<br>82.1% @ 56lp/mm (T) |
| 10 | Distortion                          | -16.5%                                                                           |
| 11 | Relative Illumination               | 90.0% @1.0F                                                                      |
| 12 | CRA                                 | <10°                                                                             |
| 13 | Total Track Length (TTL)            | 25.78 mm                                                                         |
| 14 | Back Focal Length (BFL)             | 7.821 mm (Include band pass filter<br>0.21 and CG 0.4)                           |
| 15 | Mechanical Back Focal Length (MBFL) | 6.463 mm                                                                         |
| 16 | Interface                           | M12xP0.5                                                                         |

### 2D outline

