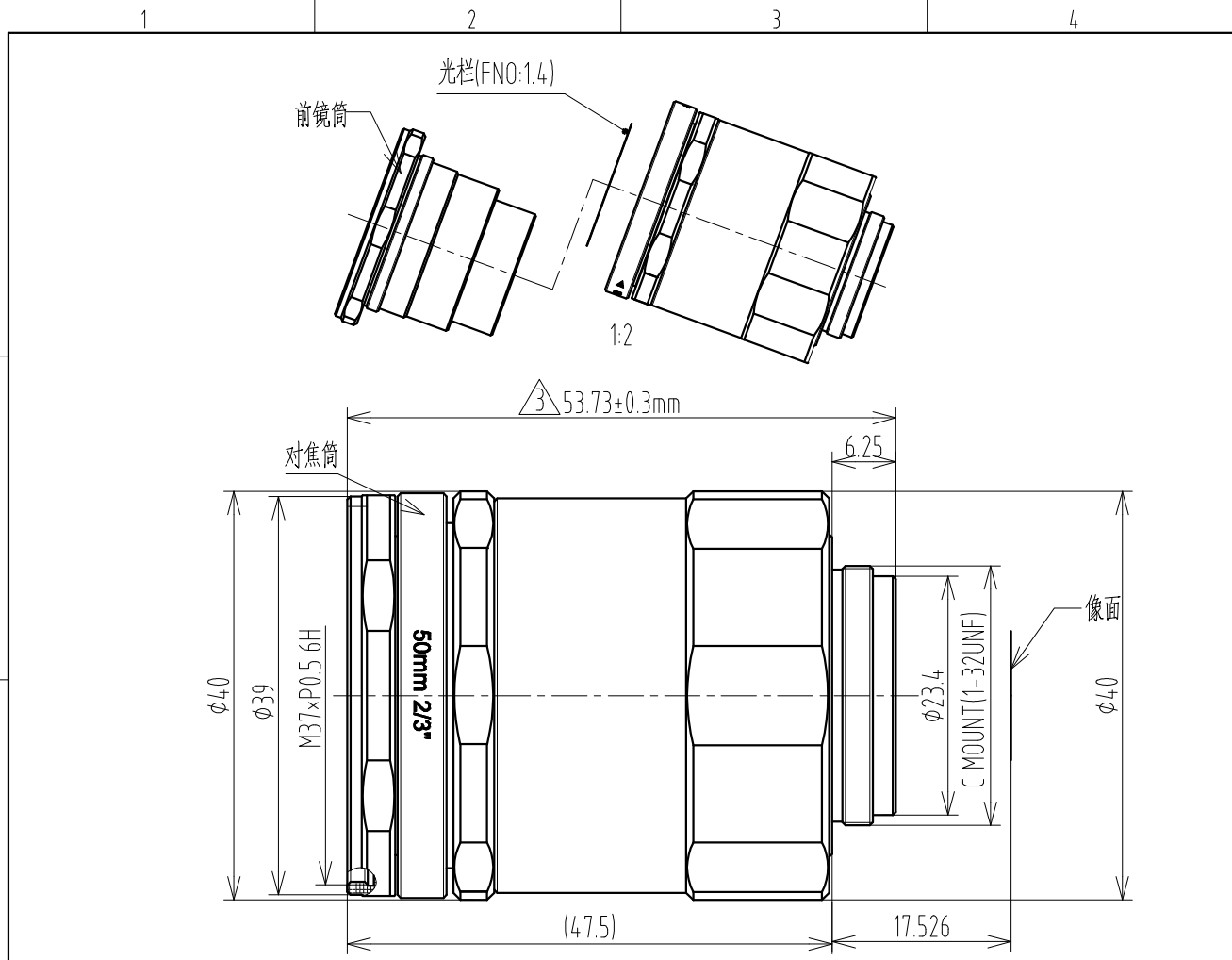
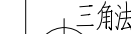




| 2/3" F1.4/50 C Mount            |   |                   | Working distance | Optical Magnification | 2/3" Field of View(mm) |       |
|---------------------------------|---|-------------------|------------------|-----------------------|------------------------|-------|
| Focal Length                    |   | f=50mm            |                  |                       |                        |       |
| Max Diameter (Ratio)            |   | F=1:1.4           | mm               |                       | H                      | V     |
| Picture Size                    |   | 2/3"              | 2000             | 0.025                 | 352.0                  | 264.0 |
| Angle                           | H | 10.46°            | 1000             | 0.051                 | 172.5                  | 129.4 |
|                                 | V | 7.86°             | 900              | 0.057                 | 154.4                  | 115.8 |
|                                 | D | 13.04°            | 850              | 0.06                  | 146.7                  | 110.0 |
| Distortion (TV)                 |   | <1-0.15% $\Delta$ | 800              | 0.064                 | 137.5                  | 103.1 |
| Object Dimension at M.O.D(2/3") | H | 46.8mm            | 750              | 0.068                 | 129.4                  | 97.1  |
|                                 | V | 35.08mm           | 700              | 0.073                 | 120.5                  | 90.4  |
|                                 | D | 58.54mm           | 650              | 0.079                 | 111.4                  | 83.5  |
| Focus distance(min)             |   | 0.3M              | 600              | 0.0858                | 102.6                  | 76.9  |
| Flange back                     |   | 17.526mm in air   | 550              | 0.094                 | 93.6                   | 70.2  |
| Back focus                      |   | 12.4MM            | 500              | 0.104                 | 84.6                   | 63.5  |
| Filter screw size               |   | M37×P0.5          | 450              | 0.116                 | 75.9                   | 56.9  |
| Front/Rear Effective Dia        |   | φ24/φ11.78        | 400              | 0.131                 | 67.2                   | 50.4  |
| Mount                           |   | C-Mount           | 350              | 0.15                  | 58.7                   | 44.0  |
| Temperature Range               |   | -10~+50°C         | 300              | 0.177                 | 49.7                   | 37.3  |
| Storage Temperature Range       |   | -20~+60°C         |                  |                       |                        |       |

|                                                                                     |    |                   |    |            |                                                                                                        |  |  |                                                                                      |              |     |      |
|-------------------------------------------------------------------------------------|----|-------------------|----|------------|--------------------------------------------------------------------------------------------------------|--|--|--------------------------------------------------------------------------------------|--------------|-----|------|
|                                                                                     |    |                   |    |            | TOLERANCE :<br>LINEARITY TOLERANCES ±0.05<br>ANGULAR TOLERANCES ARE±30'<br>DRAFT ANGLES AREA±0.5°/SIDE |  |  |  | 材 料(环 保)     | 单 位 | 比 例  |
|                                                                                     |    |                   |    |            |                                                                                                        |  |  |                                                                                      | ---          | mm  | 15:1 |
|  | 1  | FK5002A2025081101 |    | 2025-08-11 | 设 计                                                                                                    |  |  | 名 称                                                                                  | FK5002A 镜头规格 |     | 页 码  |
|  | 1  |                   |    | 2025.02.28 | 校 对                                                                                                    |  |  |                                                                                      |              |     | 1/1  |
|  | 1  |                   |    | 2022-01-21 | 审 核                                                                                                    |  |  |                                                                                      |              |     | 版 本  |
| 标记                                                                                  | 处数 | 更改文件号             | 担当 | 变更日期       | 批 准                                                                                                    |  |  | 代 号                                                                                  | FK5002A-SPEC |     | V04  |