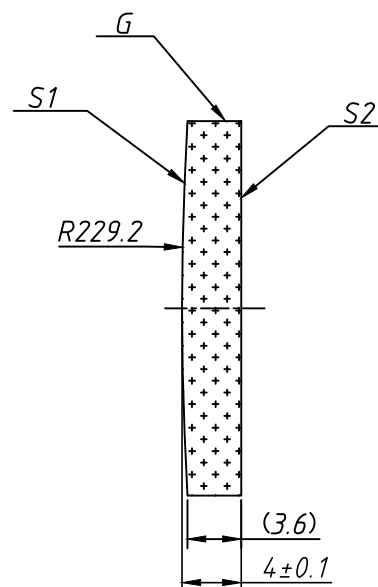
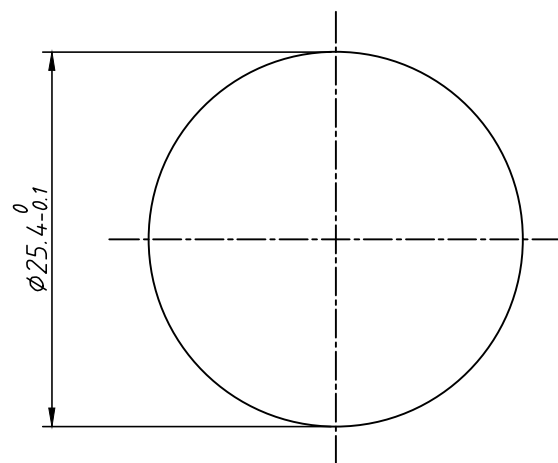


Isometric view1: 1

## Notes:

1. Materials: C7980 0F
2. Design Wavelength: 587.6nm
3. Focal Length:  $f = +500.0\text{mm} \pm 1\%$
4. Back Focal Length(REF):  $bf = 497.26 \text{ mm}$
5. Centration error:  $\leq 2 \text{ arc min}$
6. Clear aperture:  $\geq 90\%$
7. G - Fine ground surface
8. Coating: none
9. All dimensions are in mm

| Parameters           |                             |                             | <b>SHALOM EO</b><br>w w w . shalomeo . c o m                                                                            |          | UVFS Plano-convex D=25.4 F=500 Uncoated |           |             |     |       |  |
|----------------------|-----------------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------|----------|-----------------------------------------|-----------|-------------|-----|-------|--|
|                      | S1                          | S2                          |                                                                                                                         |          |                                         |           |             |     |       |  |
| Shape                | Convex                      | Plano                       |                                                                                                                         |          |                                         |           |             |     |       |  |
| Radius of curvature  | 229.24                      | Infinity                    |                                                                                                                         |          |                                         |           |             |     |       |  |
| Surface quality      | 10/5 S/D                    | 10/5 S/D                    | Proprietary                                                                                                             |          | Name                                    | Date      | Part number | Rev | Scale |  |
| Surface Irregularity | $\lambda/10@632.8\text{nm}$ | $\lambda/10@632.8\text{nm}$ | The drawing is property of Hangzhou Shalom EO, any reproduction in part or as a whole without permission is prohibited. | DRAWN    | YSF                                     | 27/Apr/20 | 1102-055    | A   | 2:1   |  |
| Power(P-V)           | $3\lambda/2@632.8\text{nm}$ | $\lambda/2@632.8\text{nm}$  |                                                                                                                         | APPROVAL | JT                                      | 27/Apr/20 |             |     |       |  |
| Protective chamfers  | 0.2mm x 45°                 | 0.2mm x 45°                 |                                                                                                                         |          |                                         |           |             |     |       |  |