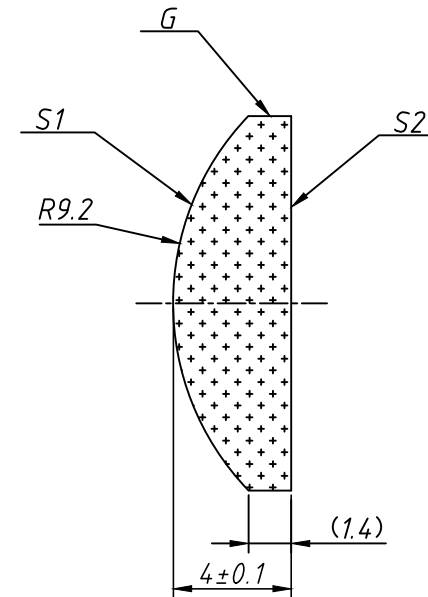
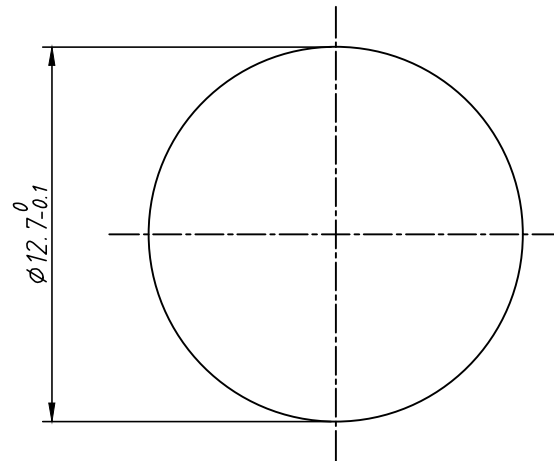




Isometric view1: 1



## Notes:

1. Materials: C7980 OF
2. Design Wavelength: 587.6nm
3. Focal Length:  $f = +20.0\text{mm} \pm 1\%$
4. Back Focal Length(REF):  $bf = 17.26\text{ mm}$
5. Centration error:  $\leq 2\text{ arcmin}$
6. Clear aperture:  $\geq 90\%$
7. G - Fine ground surface
8. Coating: AR/AR@1100nm~1650nm(REFER TO COATING CURVES)
9. All dimensions are in mm

| Parameters           |                             |                             | <b>SHALOM EO</b><br>www.shalomeo.com                                                                                    |  | UVFS Plano-convex D=12.7 F=20<br>WITH AR@1100~1650nm COATING |      |             |          |       |     |
|----------------------|-----------------------------|-----------------------------|-------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------|------|-------------|----------|-------|-----|
|                      | S1                          | S2                          |                                                                                                                         |  |                                                              |      |             |          |       |     |
| Shape                | Convex                      | Plano                       |                                                                                                                         |  |                                                              |      |             |          |       |     |
| Radius of curvature  | 9.17                        | 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   | 1102-004 | A     | 4:1 |
| 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°                 |                                                                                                                         |  |                                                              |      |             |          |       |     |