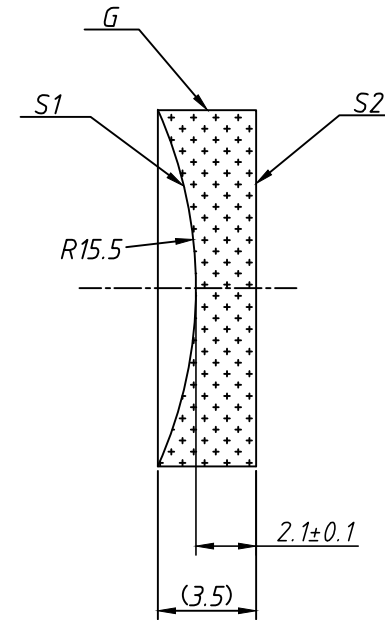
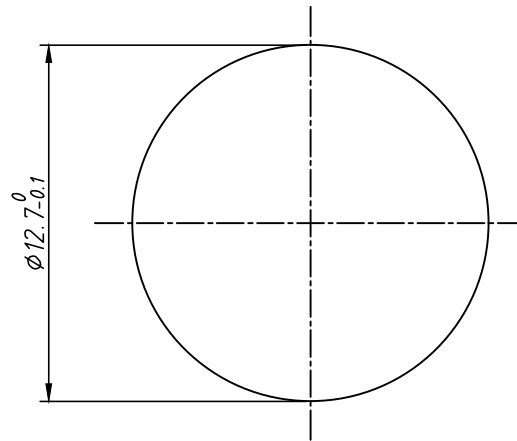




Isometric view1: 1

## Notes:

1. Materials: N-BK7
2. Design Wavelength: 587.6nm
3. Focal Length:  $f = -30.0\text{mm} \pm 1\%$
4. Back Focal Length(REF):  $bf = -31.38\text{mm}$
5. Centration error:  $\leq 2$  arc min
6. Clear aperture:  $\geq 90\%$
7. G - Fine ground surface
8. Coating: AR/AR@1100~1650nm(REFER TO COATING CURVES)
9. All dimensions are in mm

| Parameters           |                             |                            | <b>SHALOM EO</b><br>w w w . shalomeo . c o m                                                                                        |  | BK7 Plano-concave D=12.7 F=-30<br>With AR@1100~1650nm |      |             |          |       |     |
|----------------------|-----------------------------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------|------|-------------|----------|-------|-----|
|                      | S1                          | S2                         |                                                                                                                                     |  |                                                       |      |             |          |       |     |
| Shape                | Convex                      | Plano                      |                                                                                                                                     |  |                                                       |      |             |          |       |     |
| Radius of curvature  | -15.50                      | Infinity                   |                                                                                                                                     |  |                                                       |      |             |          |       |     |
| Surface quality      | 40/20 S/D                   | 40/20 S/D                  | Proprietary                                                                                                                         |  | Name                                                  | Date | Part number | Rev      | Scale |     |
| Surface Irregularity | $\lambda/4@632.8\text{nm}$  | $\lambda/4@632.8\text{nm}$ | The drawing is property of<br>Hangzhou Shalom EO, any<br>reproduction in part or as a<br>whole without permission is<br>prohibited. |  | DRAWN                                                 | YSF  | 27/Apr/20   | 1103-008 | 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°                |                                                                                                                                     |  |                                                       |      |             |          |       |     |