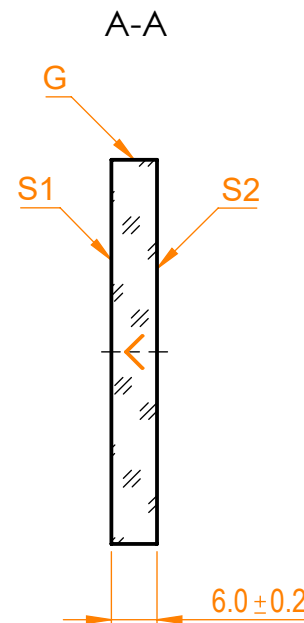
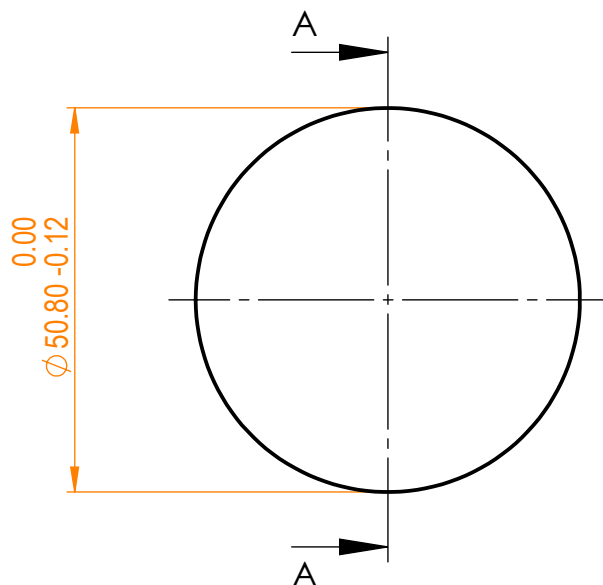


# NOTES:

1. Material: UVFS;
2. G - Fine ground surface;
3. All dimensions are in mm;
4. Protective chamfers: 0.3 mm x 45°;
5. Parallelism: <30 arcsec;
6. Angle of incidence: 45°/ Angle of incidence tolerance: ±2°;
7. Transmitted wavefront distortion:  $\lambda/10$  @633nm;
8. Extinction ratio:  $T_p:T_s> 200:1$ ;
9. Laser Induced Damage Threshold:  $>3 \text{ J/cm}^2$  @343nm, 50Hz, 10nsec pulses;



Isometric view 1:3



Specifications are subject to change without notice  
Dimensions are for reference only

| Parameters      |                       |                | <br>info@eksmaoptics.com<br>www.eksmaoptics.com                              |          | TFL polarizer, D=50.8 mm, T=6 mm |            |             |      |       |
|-----------------|-----------------------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------------------------|------------|-------------|------|-------|
|                 | S1                    | S2             |                                                                                                                                                                   |          |                                  |            |             |      |       |
| Shape           | Plano                 | Plano          |                                                                                                                                                                   |          |                                  |            |             |      |       |
| Surface quality | 20-10 s/d             | 20-10 s/d      | Proprietary                                                                                                                                                       |          | Name                             | Date       | Part number | Rev. | Scale |
| Clear aperture  | >90%                  | >90%           | The information in this drawing is property of EKSMA Optics. Any reproduction in part or as a whole without the written permission of EKSMA Optics is prohibited. | Approved | A.K.                             | 2021.01.11 | 420-1512i45 | A    | 1:1   |
| Coating         | Rs/TP>99.5/95% @343nm | Rp<0.3% @343nm |                                                                                                                                                                   | Drawn    | V.S.                             | 2021.01.11 |             |      |       |