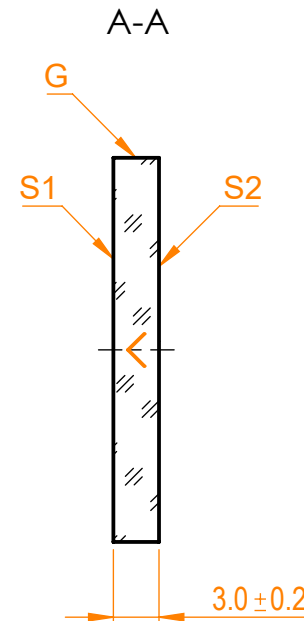
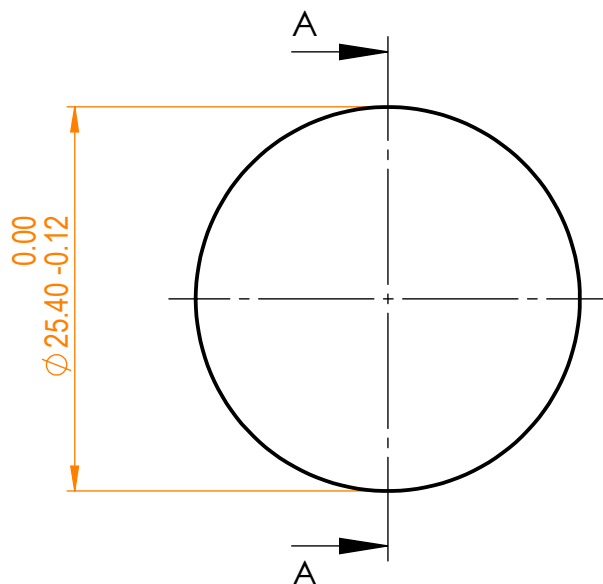


NOTES:

1. Material: N-BK7;
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: 56°/ 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:  $>10 \text{ J/cm}^2$  @1064nm, 50Hz, 10nsec pulses;



Isometric view 1:2



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

Parameters

|                 | S1                            | S2                    |
|-----------------|-------------------------------|-----------------------|
| Shape           | Plano                         | Plano                 |
| Surface quality | 20-10 s/d                     | 20-10 s/d             |
| Clear aperture  | >90%                          | >90%                  |
| Coating         | $R_s/T_p > 99.5/95\%$ @1064nm | $R_p < 0.3\%$ @1064nm |



TF polarizer, D=25.4 mm, T=3 mm

| Proprietary                                                                                                                                                       |          | Name | Date       | Part number | Rev. | Scale |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|------------|-------------|------|-------|
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|                                                                                                                                                                   | Drawn    | V.S. | 2021.01.11 |             |      |       |