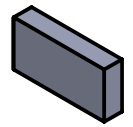
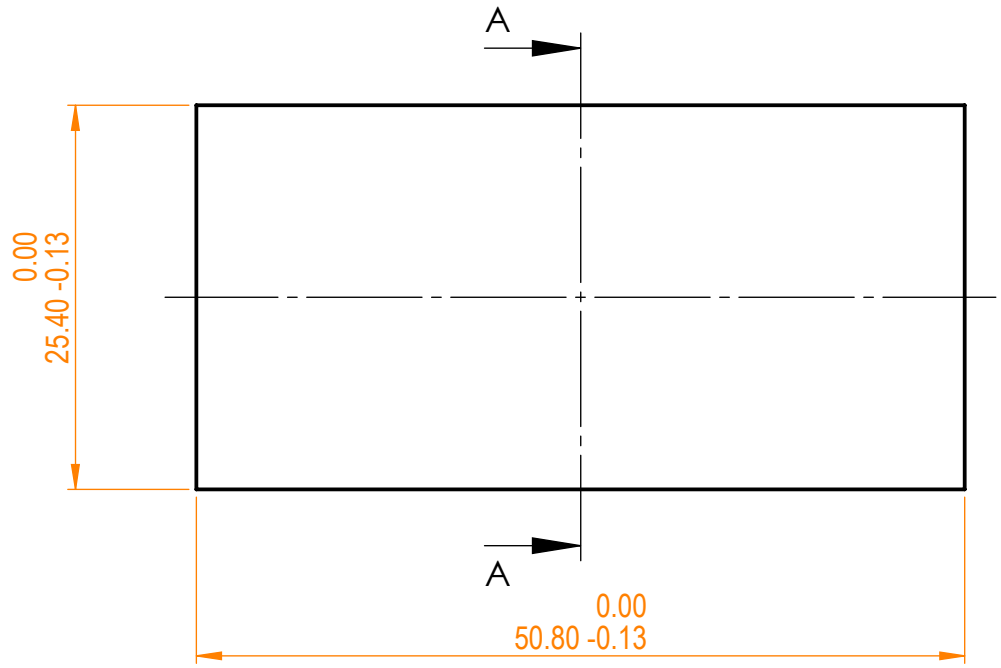
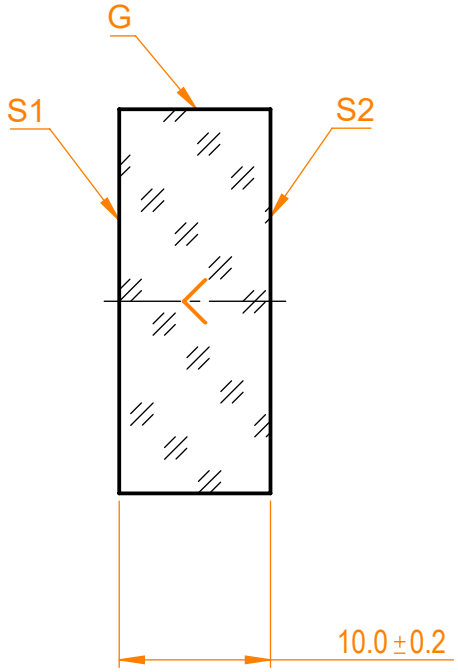
NOTES:
1. Material: UVFS;
2. G - Fine ground surface;
3. All dimensions are in mm;
4. Wedge: <3 min;
5. Protective chamfers: 0.3 mm x 45°;
6. Group delay dispersion: <|5fs$^2$|;
7. Laser Induced Damage Threshold: > 0.25 J/cm$^2$ at @800nm, 100Hz, 100fsec pulses;



Isometric view 1:3




A-A




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

| Parameters | | |
|---|---|---|
| | S1 | S2 |
| Shape | Plano | Plano |
| Radius of curvature | Infinity | Infinity |
| Surface flatness | λ/10 @633nm | λ @633nm |
| Surface quality | 40-20 s/d | 80-50 s/d |
| Clear aperture | >90% | >90% |
| Coating | Enhanced silver R>98.5%@600-1100nm, R>99%@700-900nm | Uncoated |

Eksma Optics
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www.eksmaoptics.com

UVFS pl mirror, (25.4x50.8) mm, T=10 mm

| Proprietary | | Name | Date | Part number | Rev. | Scale |
|---|---|---|---|---|---|---|
| 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. | 2020.09.14 | 094-3325F | A | 2:1 |
| | Drawn | V.S. | 2020.09.14 | | | |