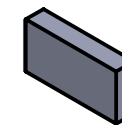


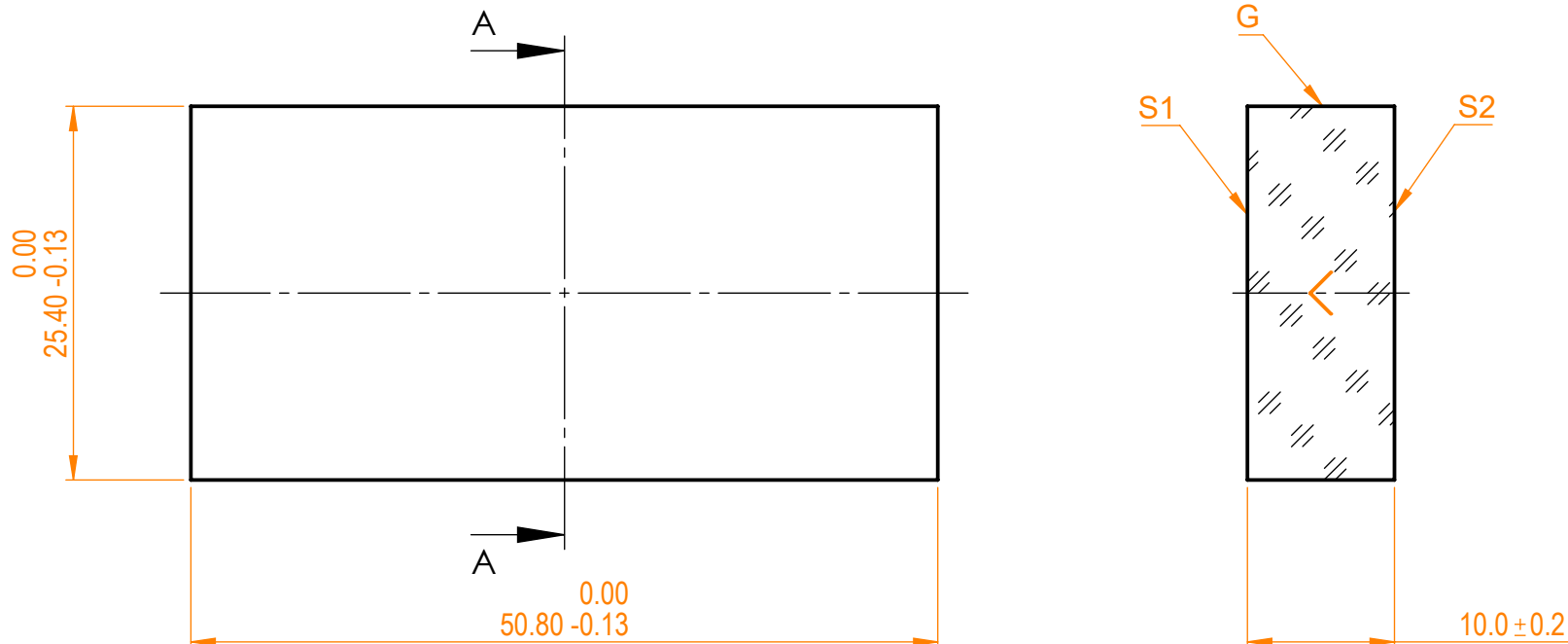
NOTES:

1. Material: N-BK7;
2. G - Fine ground surface;
3. All dimensions are in mm;
4. Wedge: <3 min;
5. Protective chamfers: 0.3 mm x 45°;
6. Laser Induced Damage Threshold:  
> 0.1 J/cm<sup>2</sup> at @355nm, 50Hz, 5.7nsec pulses,  
> 0.25 J/cm<sup>2</sup> at @1064nm, 50Hz, 11nsec 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    | $\lambda/10$ @633nm                        | $\lambda$ @633nm per inch |
| Surface quality     | 40-20 s/d                                  | 80-50 s/d                 |
| Clear aperture      | >90%                                       | >90%                      |
| Coating             | Protected aluminium<br>Ravg>86%@300nm - IR | Uncoated                  |



N-BK7 pl mirror, (25.4x50.8) mm, T=10 mm

| Proprietary                                                                                                                                                       |          | Name | Date       | Part number | Rev. | Scale |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|------------|-------------|------|-------|
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|                                                                                                                                                                   | Drawn    | V.S. | 2020.09.14 |             |      |       |