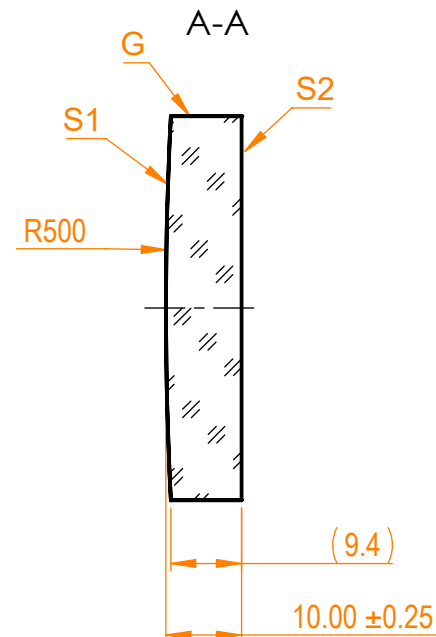
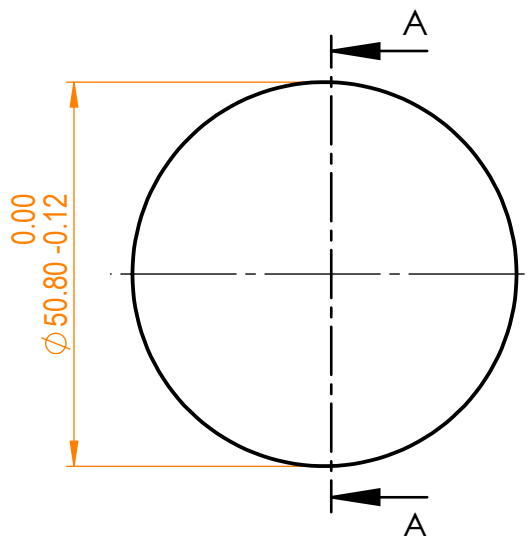


NOTES:

1. Material: UVFS;
2. LDT:  $>120 \text{ mJ/cm}^2$ , 50 fsec, 100Hz, 1030 nm;
3. Coating adhesion and durability: MIL-C-675A;
4. Protective chamfers: 0.2 - 0.3 mm x 45°;
5. G - Fine ground surface;
6. All dimensions are in mm.



Isometric view 1:5



Parameters

|                      | S1                                     | S2                |
|----------------------|----------------------------------------|-------------------|
| Shape                | Convex                                 | Plano             |
| Radius of curvature  | 500 mm                                 | Infinity          |
| Surface quality      | 20-10 s/d                              | Commercial polish |
| Surface irregularity | $\lambda/10$ @632.8 nm                 | -                 |
| Clear aperture       | $\geq 85\%$                            | -                 |
| Coating              | HR $>99.7\%$ @1030 $\pm 20$ nm, AOI=0° | -                 |



UVFS pl/cx mirror, D=50.8 mm

| Proprietary                                                                                                                                                       |          | Name | Date       | Part number | Rev. | Scale |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|------------|-------------|------|-------|
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|                                                                                                                                                                   | Drawn    | M.B. | 2020.12.22 |             |      |       |