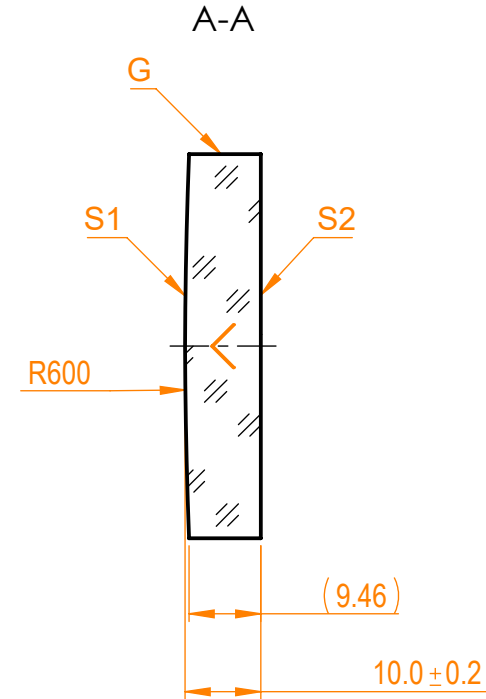
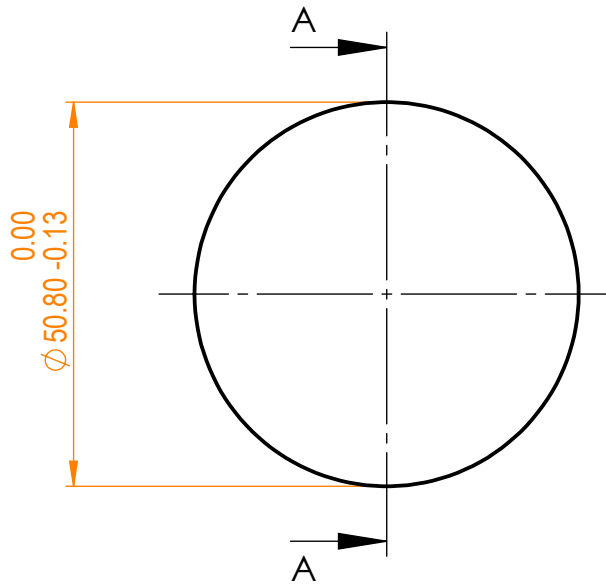


NOTES:


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. Laser Induced Damage Threshold:
 - > 0.25 J/cm² at @800nm, 50Hz, 94fsec pulses,
 - > 1.8 J/cm² at @1064nm, 50Hz, 11nsec pulses;



Isometric view 1:4



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

Parameters		S1		S2		 UVFS pl/cx mirror, D=50.8 mm, T=10 mm																								
Shape	Convex	Convex		Plano				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Proprietary</td> <td></td> <td style="text-align: center;">Name</td> <td style="text-align: center;">Date</td> <td style="text-align: center;">Part number</td> <td style="text-align: center;">Rev.</td> <td style="text-align: center;">Scale</td> </tr> <tr> <td style="text-align: center;">Radius of curvature</td> <td style="text-align: center;">600</td> <td style="text-align: center;">Approved</td> <td style="text-align: center;">A.K.</td> <td style="text-align: center;">2020.11.16</td> <td style="text-align: center;">095-3225R+600</td> <td style="text-align: center;">A</td> </tr> <tr> <td style="text-align: center;">Surface flatness</td> <td style="text-align: center;">$\lambda/10$ @633nm</td> <td style="text-align: center;">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.</td> <td style="text-align: center;">Drawn</td> <td style="text-align: center;">V.S.</td> <td style="text-align: center;">2020.11.16</td> <td style="text-align: center;">1:1</td> </tr> </table>		Proprietary		Name	Date	Part number	Rev.	Scale	Radius of curvature	600	Approved	A.K.	2020.11.16	095-3225R+600	A	Surface flatness	$\lambda/10$ @633nm	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.	Drawn	V.S.	2020.11.16	1:1
Proprietary		Name	Date	Part number	Rev.					Scale																				
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Surface quality	40-20 s/d	600		Infinity																										
Surface flatness	$\lambda @633nm$	$\lambda @633nm$ per inch		Infinity																										
Surface quality	40-20 s/d	40-20 s/d		80-50 s/d																										
Clear aperture	>90%	>90%		>90%																										
Coating	Protected silver Ravg>96%@400nm - IR	Protected silver Ravg>96%@400nm - IR		Uncoated																										