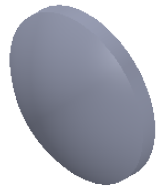
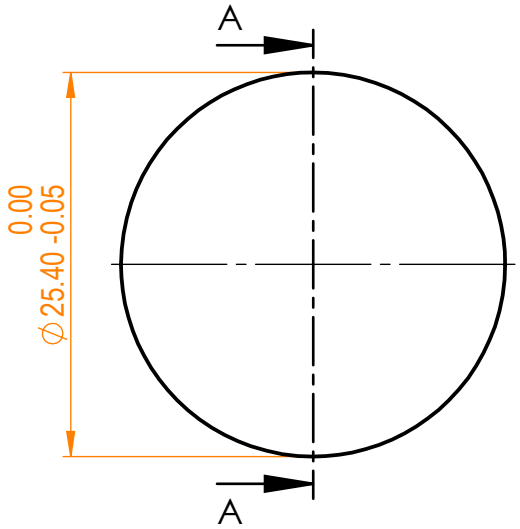
NOTES:
1. Material: UVFS;
2. Design wavelength: 780 nm;
3. Focal length: F=+50 mm ± 0.05%;
4. Centration error: ≤ 3 arcmin;
5. G - Fine ground surface;
6. All dimensions are in mm;
7. Clear aperture: ≥90%;

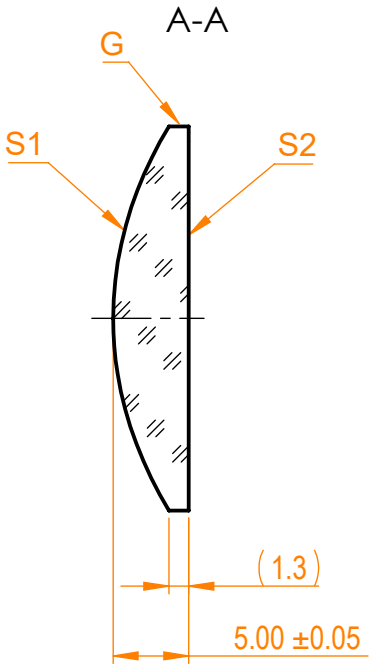
	R	k	A_4	A_6
S1	22.68	-0.68	1.13375E-06	1.41557E-13
S2	Infinity	-	-	-

$$z = \frac{Y^2}{R(1+\sqrt{1-(1+k)Y^2/R^2}} + A_4Y^4 + A_6Y^6$$



Isometric view 1:1





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

Parameters		
	S1	S2
Shape	Convex	Plano
Surface quality	40-20 s/d	40-20 s/d
Surface irregularity	-	λ/4 @632.8 nm
Asphere figure error P-V	±1 μm	-
Surface form deviation RMS	≤0.5 μm	-
Protective chamfers	0.2 - 0.3 mm x 45°	0.2 - 0.3 mm x 45°

Eksma Optics
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www.eksmaoptics.com

UVFS pl/cx aspheric lens,
D=25.4 mm, F=50 mm

Proprietary

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	Name	Date	Part number	Rev.	Scale
Approved	A.K.	2020.03.18	117-2550	A	2:1
Drawn	M.B.	2020.03.18			