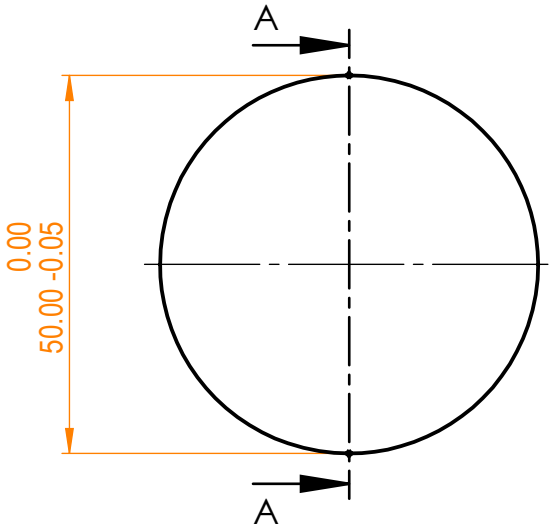
NOTES:
1. Material: N-BK7;
2. Design wavelength: 780 nm;
3. Focal length: F=+100 mm ± 0.05%;
4. Centration error: ≤ 3 arcmin;
5. G - Fine ground surface;
6. All dimensions are in mm;
7. Clear aperture: ≥90%;

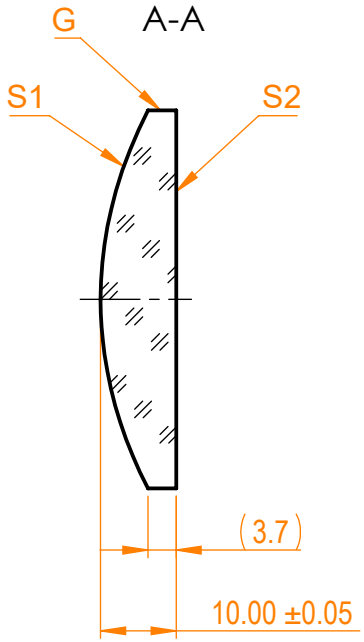
	R	k	A_4	A_6	A_8
S1	51.12	-0.85	2.57267E-07	1.97531E-11	1.06573E-15
S2	Infinity	-	-	-	-

$$z = \frac{Y^2}{R(1+\sqrt{1-(1+k)Y^2/R^2}} + A_4Y^4 + A_6Y^6 + A_8Y^8$$



Isometric view 1:2





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

N-BK7 pl/cx aspheric lens,
D=50.0 mm, F=100 mm

Proprietary		Name	Date	Part number	Rev.	Scale
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	Drawn	M.B.	2020.03.18			