

NOTES:

- SUBSTRATE:
S-LAH64
- CENTERING TOLERANCE (AT 587.6nm):
BEAM DEVIATION (HALF ANGLE): <3 arcmin
- COATING (APPLY ACROSS COATING APERTURE)
S1: NONE
S2: NONE

4. EDGES: FINE GROUND

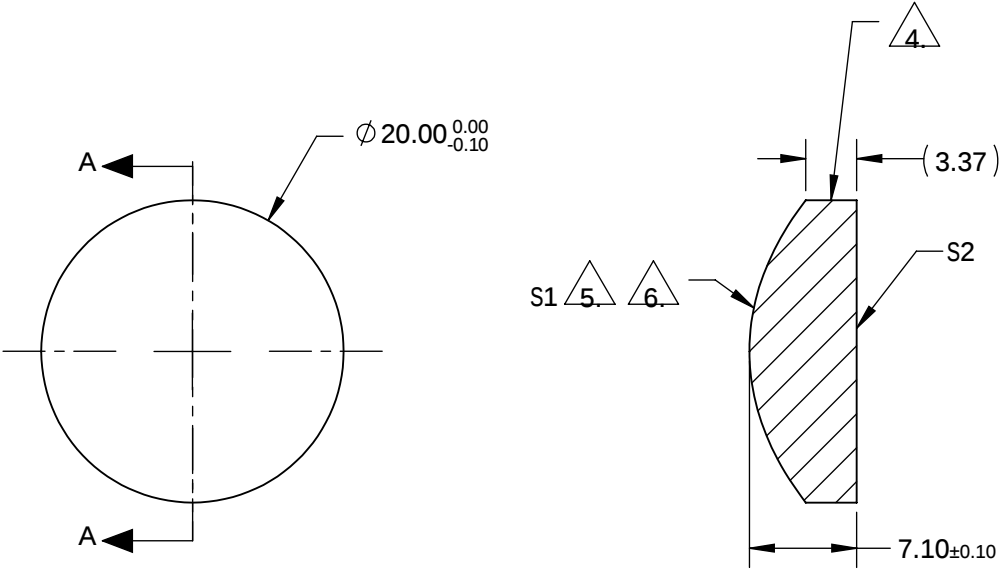
5. ASPHERIC FIGURE ERROR: 0.75 µm RMS

6. ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE):

$$Z_{ASPH}(Y) = \frac{(\frac{1}{RADIUS}) * Y^2}{1 + \sqrt{1 - (1+k) * (\frac{1}{RADIUS})^2 * Y^2}} + D * Y^2 + E * Y^4 + F * Y^6 + G * Y^8 + H * Y^{10} + J * Y^{12} + L * Y^{14}$$

**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY



COEFFIECIENT TABLE 6.	
COEFFIECIENT	S1
SEMI-DIAMETER	1.000000E+01
(1/RADIUS)	7.15307582E-02
k	-1.001000E+00
D	0.000000E+00
E	1.662800E-05
F	-4.509800E-09
G	-3.844600E-09
H	-6.070000E-10
J	2.042000E-16
L	0.000000E+00

	S1	S2				
SHAPE	CONVEX	PLANO	BFL @ 780nm: 14.00			
RADIUS	13.980	INFINITY				
SURFACE QUALITY	40-20	40-20				
CLEAR APERTURE	90 %	90 %				
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	13501
					Edmund Optics®	
			TITLE		20mm Dia., 0.56 Numerical Aperture Uncoated, NIR Aspheric Lens	
					SHEET	1 OF 1