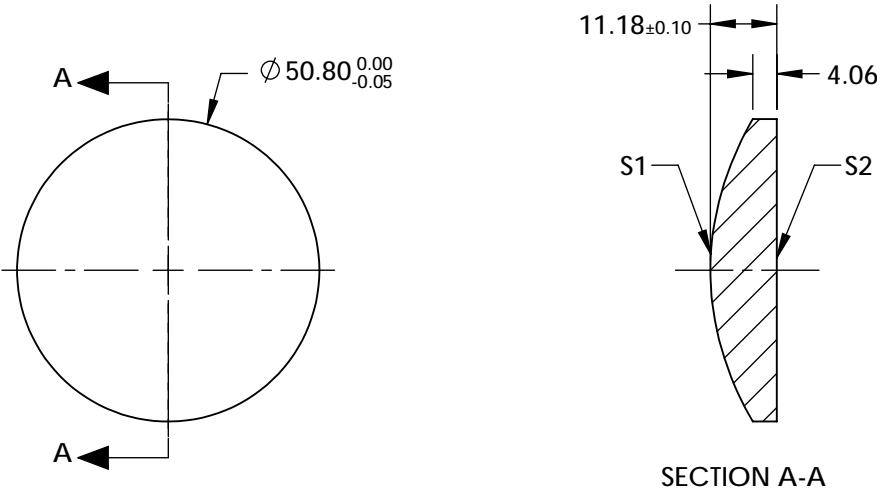


NOTES:

FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING

- 1. SUBSTRATE: FUSED SILICA
- 2. COATING:  
  
S1 & LASER V-COAT (532nm)  
R(ABS) <0.25% @ 532nm  
  
DAMAGE THRESHOLD, PULSED:  
10 J/cm2 @ 532nm, 20ns, 20Hz
- 3. CENTERING: <1 ARCMIN
- 4. RoHS: COMPLIANT
- 5. ASPHERIC SURFACE DESCRIBED BY THE FOLLOWING  
EQUATION AND COEFFICIENTS SHOWN IN TABLE  
BELOW


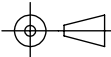
$$Z_{ASPH}(Y) = \frac{(\frac{1}{RADIUS}) * Y^2}{1 + \sqrt{1 - (1+k) * (\frac{1}{RADIUS})^2 * Y^2}} + D * Y^2 + E * Y^4 + F * Y^6 + G * Y^8 + H * Y^{10} + J * Y^{12} + L * Y^{14}$$



COEFFICIENT TABLE	
COEFFICIENT	S1
SEMI-DIAMETER	2.540000E+01
(1/RADIUS)	2.136341E-02
k	-8.891025E-01
D	0.000000E+00
E	3.852006E-07
F	3.822413E-11
G	3.204085E-15
H	0.000000E+00
J	0.000000E+00
L	0.000000E+00

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	CONVEX	PLANO
SURFACE QUALITY	10-5	10-5
CLEAR APERTURE	Ø46.80	Ø46.80
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

EFL: 101.6mm		<div> Edmund Optics®</div>	
BFL: 93.95mm			
<div>THIRD ANGLE PROJECTION</div> 		TITLE	50.8mm Dia x 101.6mm FL, 532nm V-Coat, High Precision Laser Grade Aspheric Lens
ALL DIMS IN	mm	DWG NO	39565
			SHEET 1 OF 1