

NOTES:
1. SUBSTRATE:
POLYCARBONATE

2. COATING

S1: NONE
S2: NONE

3. FOCAL LENGTH TOLERANCE: 1.5%

4. DESIGN WAVELENGTH (DWL): 550nm

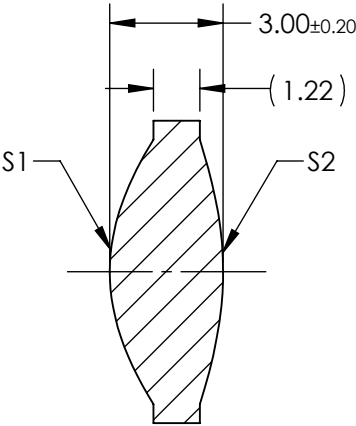
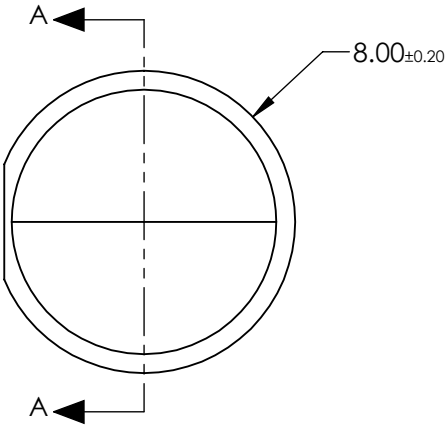
5. ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE)

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

6. RoHS COMPLIANT

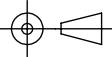
7. RADIUS IS NOT CONTINUOUS DUE TO GATE ON S3 USED DURING MANUFACTURING.

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



SECTION A-A

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2	EFL @ 550nm	5.90	 Edmund Optics®		
SHAPE	CONVEX	CONVEX	BFL @ 550nm	4.7			
RADIUS	5.000	-8.573			TITLE	8mm DIA. x 5.9mm FL, SMALL DIAMETER PLASTIC ASPHERE	
SURFACE QUALITY	60-40	60-40					
CLEAR APERTURE	Ø 7.00	Ø 7.00			DWG NO	15273	
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm			
							SHEET 1 OF 1