NOTES:
1. SUBSTRATE:
   Acrylic V825

2. COATING

   S1: NONE
   S2: NONE

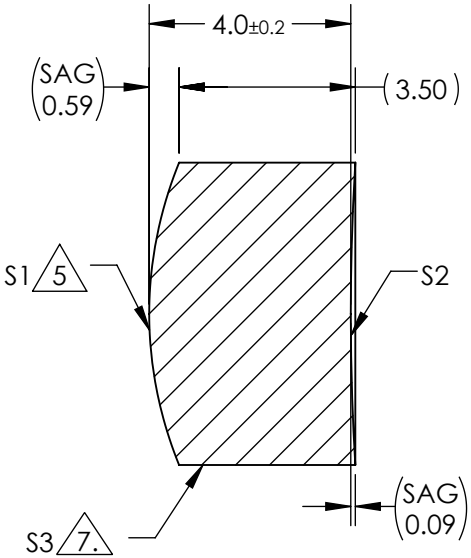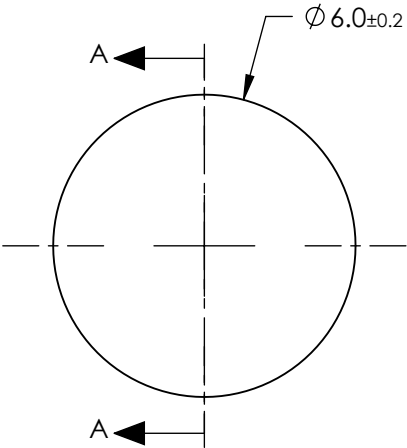3. FOCAL LENGTH TOLERANCE: ±1.5%

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.

$\varnothing$ 6.0±0.2

A

A

4.0±0.2

(SAG 0.59)

(3.50)

S1 △5

S2

S3 △7.

(SAG 0.09)

SECTION A-A

COEFFIECIENT TABLE △5

COEFFIECIENT	S1
C	1.2909722E-01
k	-0.4812
D	0
E	0
F	0
G	0
H	0
J	0
L	0

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

	REV. A	S1	S2	EFL @ 550nm	18.0
SHAPE		CONVEX	CONCAVE	BFL @ 550nm	14.934
RADIUS		7.7461	50.0		
SURFACE QUALITY		60 - 40	60 - 40		
CLEAR APERTURE		$\varnothing$ 5	$\varnothing$ 5		
BEVEL MAX		PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED		

Edmund Optics®

THIRD ANGLE PROJECTION

TITLE: 6mm Dia. x 15mm FL, SMALL DIAMETER PLASTIC ASPHERIC LENS

ALL DIMS IN: mm

DWG NO: 36629

SHEET 1 OF 1