

**NOTES:**

1. SUBSTRATE:  
Acrylic V825
2. COATING  
S1: NONE  
S2: NONE
3. FOCAL LENGTH TOLERANCE: ±1.5%
4. DESIGN WAVELENGTH (DWL): 550nm

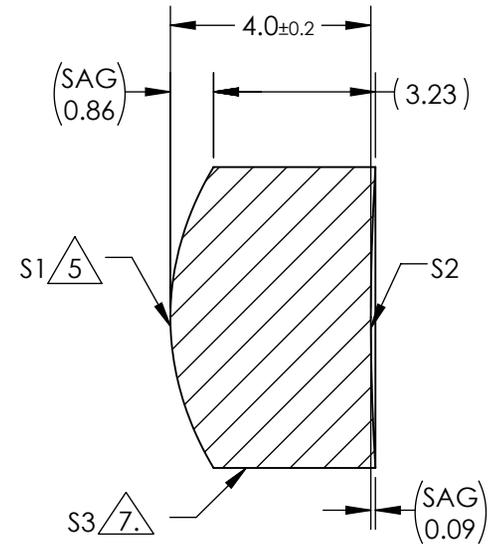
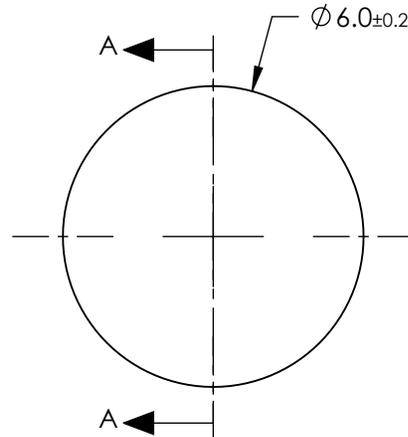
5. ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE)

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

6. RoHS COMPLIANT

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

FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING



SECTION A-A

COEFFICIENT TABLE 5

COEFFICIENT	S1
C	-1.8390466E-01
k	-0.5008
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	12.0	Edmund Optics®		
SHAPE	CONVEX	CONCAVE	BFL @ 550nm	9.1			
RADIUS	5.4376	50.0	THIRD ANGLE PROJECTION		TITLE 6mm Dia. x 12mm FL, SMALL DIAMETER PLASTIC ASPHERIC LENS		
SURFACE QUALITY	60 - 40	60 - 40					
CLEAR APERTURE	Ø 5	Ø 5	ALL DIMS IN	mm	DWG NO	36628	SHEET 1 OF 1
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED					