NOTES:

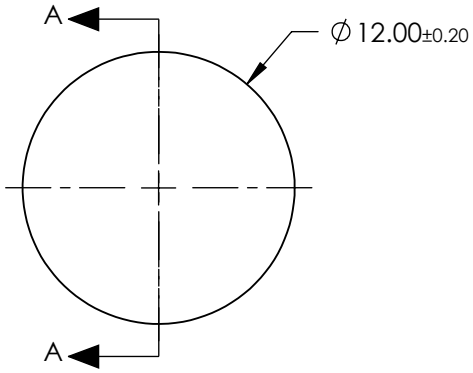
1. SUBSTRATE:
   Acrylic V825
2. COATING

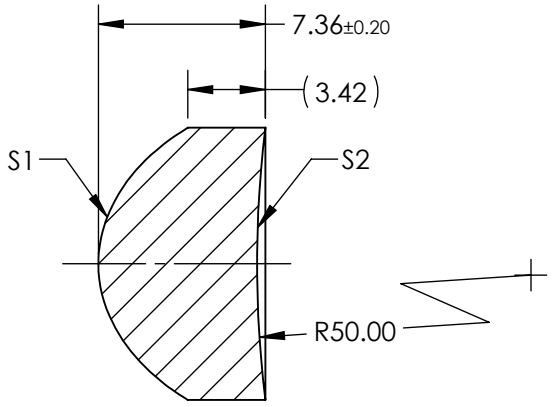
   S1: NONE
   S2: NONE
3. FOCAL LENGTH TOLERANCE: 1.5%
4. DESIGN WAVELENGTH (DWL): 550nm
5. ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE)

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

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

COEFFIECIENT TABLE 5

COEFFIECIENT	S1
C	-1.804264E-01
k	-5.159000E-01
D	0.000000E+00
E	-1.628300E-05
F	-1.307200E-07
G	-1.131900E-10
H	1.849700E-11
J	1.563300E-13
L	1.563300E-14

	S1	S2
SHAPE	CONVEX	CONCAVE
RADIUS	-5.54	50.00
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	∅12.00	∅12.00
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

EFL @ 550nm	12.00	Edmund Optics®	
BFL @ 550nm	6.99		
THIRD ANGLE PROJECTION		TITLE	12mm DIA. x 12mm FL, SMALL DIAMETER PLASTIC ASPHERE
ALL DIMS IN	mm	DWG NO	15275 — SHEET 1 OF 1