NOTES:

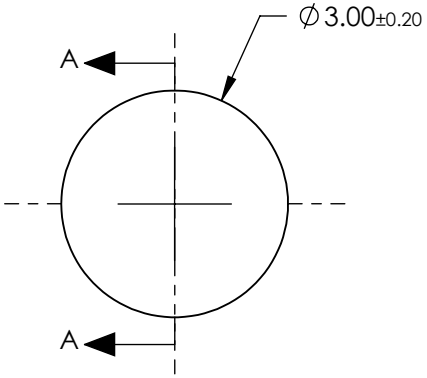
1. SUBSTRATE:
   ACRYLIC V825
2. COATING

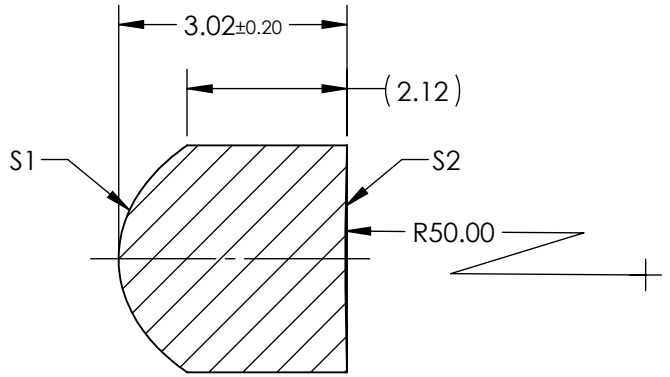
   S1: NONE
   S2: NONE
3. FOCAL LENGTH TOLERANCE: 1.5%
4. DESIGN WAVELENGTH (DWL): 550nm
5. ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE)

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

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	-6.815703E-01
k	-5.127000E-01
D	0.000000E+00
E	-8.838000E-04
F	-1.244200E-04
G	1.496000E-05
H	3.009400E-06
J	6.631350E-07
L	0.000000E+00

	S1	S2
SHAPE	CONVEX	CONCAVE
RADIUS	INFINITY	50.00
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	∅3.00	∅3.00
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

EFL @ 550nm	2.99	Edmund Optics®	
BFL @ 550nm	0.97		
THIRD ANGLE PROJECTION		TITLE	3mm DIA. x 2.99mm FL, SMALL DIAMETER PLASTIC ASPHERE
ALL DIMS IN	mm	DWG NO	15271 — SHEET 1 OF 1