

NOTES:

1. SUBSTRATE:
N-BK7
2. COATING (APPLY ACROSS CLEAR APERTURE)
- S1 & S2: VIS (425 - 625nm)
Ravg ≤1.5% @ 425 - 675nm
3. EDGES: FINE GROUND
4. CENTERING: ≤5
5. ASPHERE FIGURE ERROR: 1.2λ

6. ROHS COMPLIANT

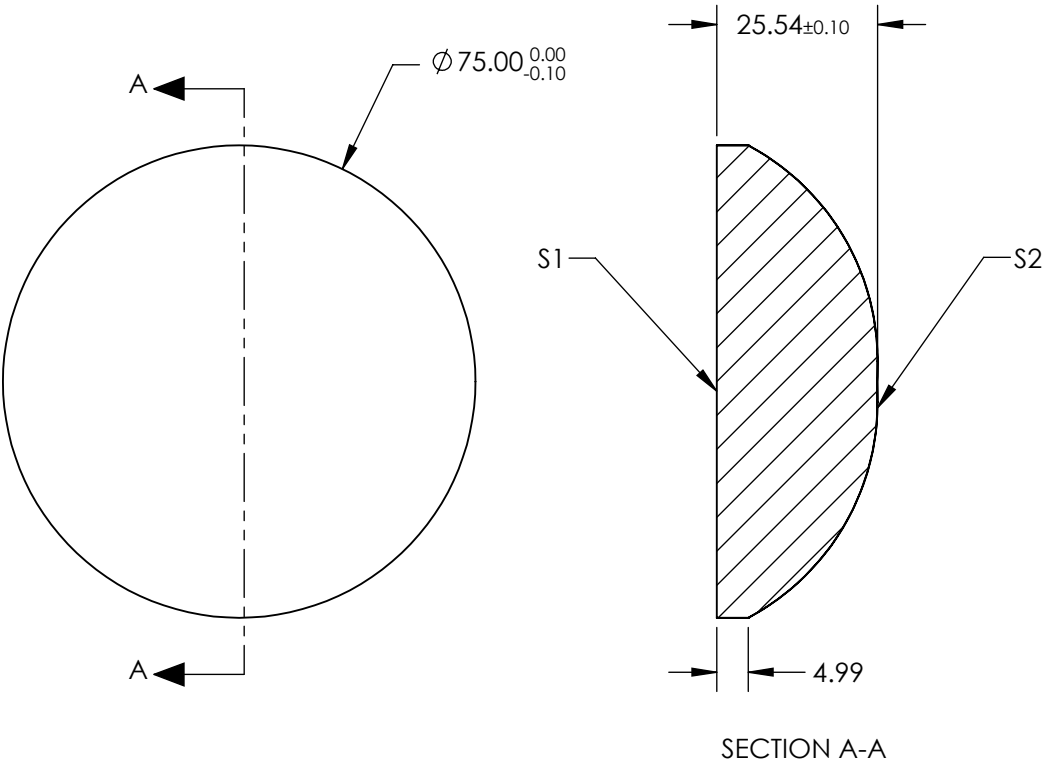
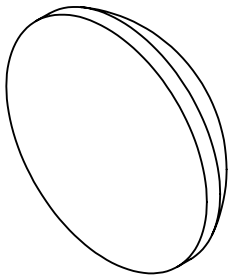
$$Z(Y) = \frac{\left(\frac{1}{\text{RADIUS}}\right)^2 Y^2}{1 + \sqrt{1 - (1+k) \left(\frac{1}{\text{RADIUS}}\right)^2 Y^2}} + D*Y^2 + E*Y^4 + F*Y^6 + G*Y^8 + H*Y^{10} + J*Y^{12} + L*Y^{14} + M*Y^{16}$$

COEFFICIENT TABLE	
COEFFICIENT	S2
RADIUS	38.76
k	-8.470000E-01
D	0.000000E+00
E	6.330000E-07
F	9.690000E-11
G	8.770000E-15
H	2.680000E-18
J	-7.200000E-22
L	0.000000E+00
M	0.000000E+00

	S1	S2
SHAPE	PLANO	CONVEX
RADIUS	INFINITY	38.76
SURFACE QUALITY	60-40	60-40
CLEAR APERTURE	Ø 67.5	Ø 67.5
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED

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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY



Edmund Optics®

75mm Dia., 0.50 Numerical Aperture VIS
Coated, Aspheric Lens

