NOTES:

1. SUBSTRATE
   UV GRADE FUSED SILICA

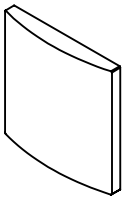
2. CENTERING TOLERANCE:
   PLANO AXIS WEDGE: <3 ARCMIN
   POWER AXIS WEDGE: <5 ARCMIN
   AXIAL TWIST: <3 ARCMIN

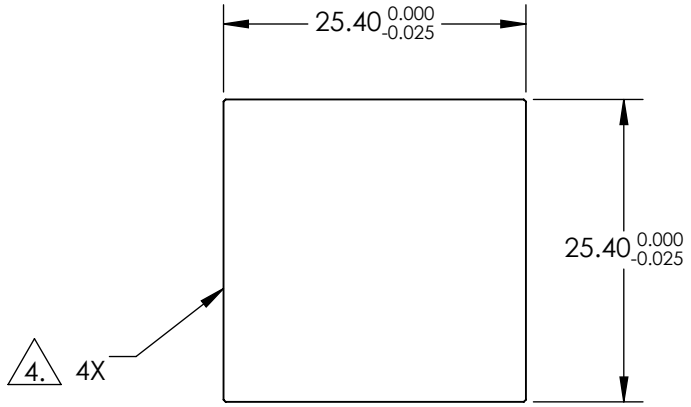
3. COATING (APPLY ACROSS COATING APERTURE)
   S1 & S2: 261.4nm AR Coated
   R(ABS) < 0.25% @ 261.4nm @ 0° AOI

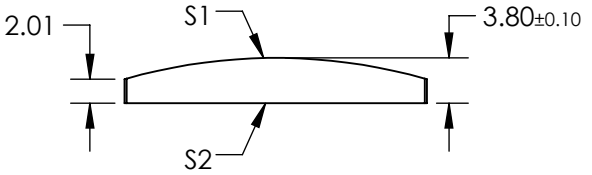
   DAMAGE THRESHOLD
   PULSED:3 J/cm² , 20ns, 20 Hz @ 266nm

△4. FINE GROUND SURFACE

5. RoHS COMPLIANT






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

| | S1 | S2 |
|---|---|---|
| SHAPE | CONVEX | PLANO |
| RADIUS | 45.85 | INFINITY |
| SURFACE QUALITY | 20 - 10 | 20 - 10 |
| CLEAR APERTURE | 22.86 x 22.86 | 22.86 x 22.86 |
| COATING APERTURE | 24.40 x 24.40 | 24.40 x 24.40 |
| POWER AT 632.8nm | 1.50 WAVES | 1.50 WAVES |
| IRREGULAITY AT 632.8nm | 0.25 WAVES | 0.25 WAVES |
| BEVEL | PROTECTIVE AS NEEDED | PROTECTIVE AS NEEDED |

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

| | | | | |
|---|---|---|---|---|
| EFL | 100.00 | Edmund Optics® | | |
| BFL | 97.39 | | | |
| THIRD ANGLE PROJECTION | | TITLE | 25.4mm Square x 100 FL, 261.4nm AR Coated, Laser Grade PCX Cylinder Lens | |
| ALL DIMS IN | mm | DWG NO | 19744 | SHEET 1 OF 1 |