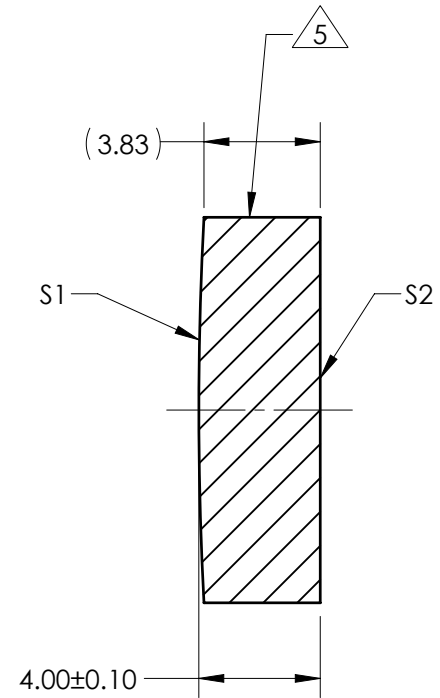


NOTES:

1. SUBSTRATE:  
Fused Silica 458/678
2. ROHS COMPLIANT
3. CENTERING TOLERANCE (AT 587.6nm):  
BEAM DEVIATION (HALF ANGLE): <1 ARCMIN
4. COATING (APPLY ACROSS COATING APERTURE)  
  
S1 & S2: 266nm Laser AR Coating  
R(ABS) < 0.25% @ 266nm @ 0° AOI  
  
DAMAGE THRESHOLD  
PULSED: 3J/cm² @ 20ns, 20Hz @ 266nm

 FINE GRIND SURFACE

6. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
7. FOCAL LENGTH (EFL): 250.00mm±1%  
BACK FOCAL LENGTH (BFL): 247.36mm
8. PROTECTIVE BEVEL AS NEEDED
9. DESIGN WAVELENGTH: 355nm



SECTION A-A

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

|                         | S1         | S2         |
|-------------------------|------------|------------|
| SHAPE                   | CONVEX     | PLANO      |
| RADIUS                  | 119.02     | INFINITY   |
| SURFACE QUALITY         | 10 - 5     | 10 - 5     |
| MIN CLEAR APERTURE      | Ø 11.70    | Ø 11.70    |
| MIN COATING APERTURE    | Ø 11.70    | Ø 11.70    |
| POWER AT 632.8nm        | 2.00 RINGS | 2.00 RINGS |
| IRREGULARITY AT 632.8nm | 0.20 RINGS | 0.20 RINGS |

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

 **Edmund Optics®**

|  |        |   |                 |
|--|--------|---|-----------------|
| THIRD ANGLE<br>PROJECTION<br> | TITLE  | 12.7mm Dia x 250mm FL, 266nm Laser AR Coating, 3J Coated, Plano-Convex Lens |                 |
|  | DWG NO | 38667   | SHEET<br>1 OF 1 |