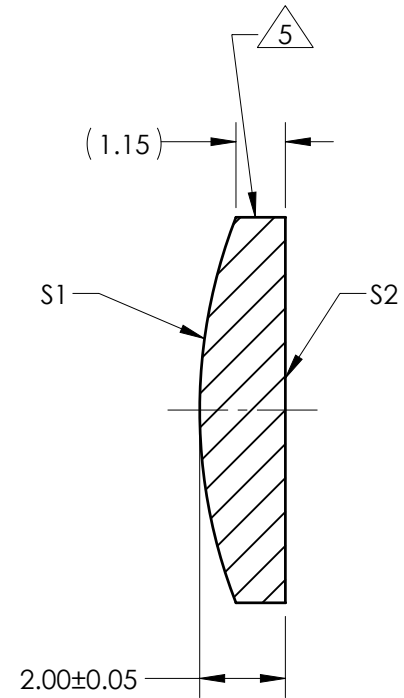
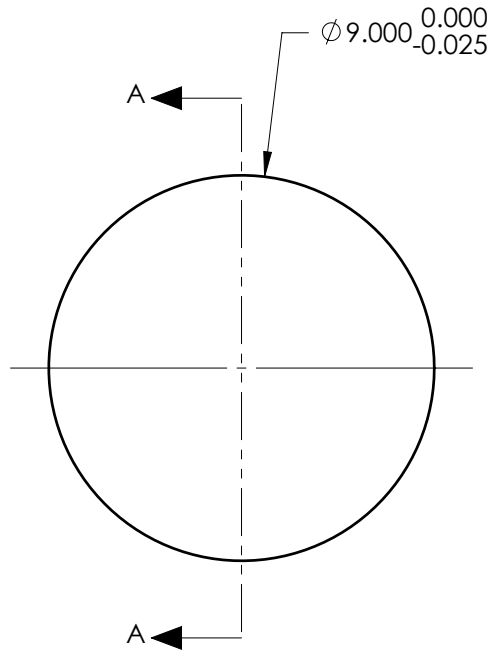


NOTES:

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: 532nm V-COAT  
R(ABS) < 0.25% @ 532nm @ 0° AOI

 FINE GRIND SURFACE

6. POWER, IRREGULARITY, AND SURFACE QUALITY  
SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
7. FOCAL LENGTH (EFL): 27.00mm±1%  
BACK FOCAL LENGTH (BFL): 25.63mm
8. PROTECTIVE BEVEL AS NEEDED
9. DESIGN WAVELENGTH: 587.6nm



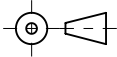
SECTION A-A

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

|                         | S1         | S2         |
|-------------------------|------------|------------|
| SHAPE                   | CONVEX     | PLANO      |
| RADIUS                  | 12.38      | INFINITY   |
| SURFACE QUALITY         | 40 - 20    | 40 - 20    |
| MIN CLEAR APERTURE      | Ø8.10      | Ø8.10      |
| MIN COATING APERTURE    | Ø8.00      | Ø8.00      |
| POWER AT 632.8nm        | 3.00 RINGS | 3.00 RINGS |
| IRREGULARITY AT 632.8nm | 0.50 RINGS | 0.50 RINGS |

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

 **Edmund Optics®**

|                           |                                                                                       |        |                                                              |                 |
|---------------------------|---------------------------------------------------------------------------------------|--------|--------------------------------------------------------------|-----------------|
| THIRD ANGLE<br>PROJECTION |  | TITLE  | 9mm Dia x 27mm FL, 532NM V-COAT<br>Coated, Plano-Convex Lens |                 |
| ALL DIMS IN               | mm                                                                                    | DWG NO | 25869                                                        | SHEET<br>1 OF 1 |