

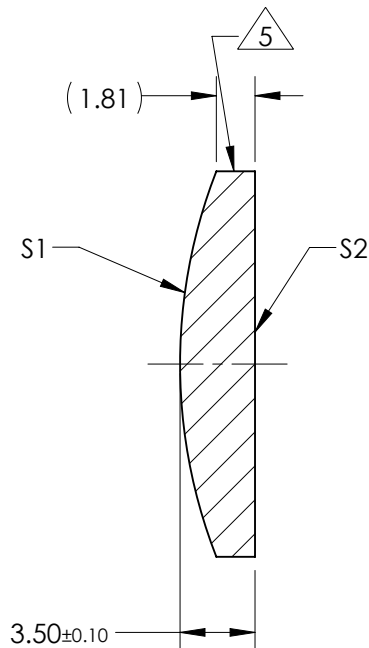
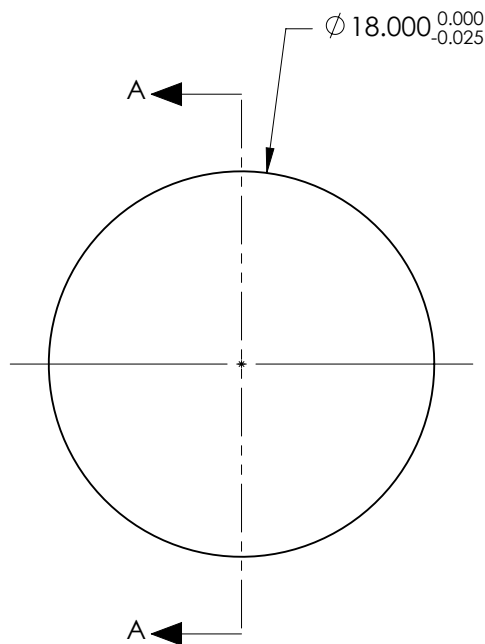
NOTES:

1. SUBSTRATE:  
CORNING: 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: NONE  
S2: NONE

5. FINE GRIND SURFACE

6. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
7. FOCAL LENGTH (EFL): 54.00mm  $\pm$ 1%  
BACK FOCAL LENGTH (BFL): 51.60mm
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                  | 24.76        | INFINITY     |
| SURFACE QUALITY         | 40 - 20      | 40 - 20      |
| MIN CLEAR APERTURE      | $\phi$ 17.00 | $\phi$ 17.00 |
| MIN COATING APERTURE    | N/A          | N/A          |
| 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

**EO**® **Edmund Optics**®



THIRD ANGLE  
PROJECTION

ALL DIMS IN

mm

TITLE

18mm Dia x 54mm FL, Uncoated, UV  
Plano-Convex Lens

DWG NO

36688

SHEET  
1 OF 1