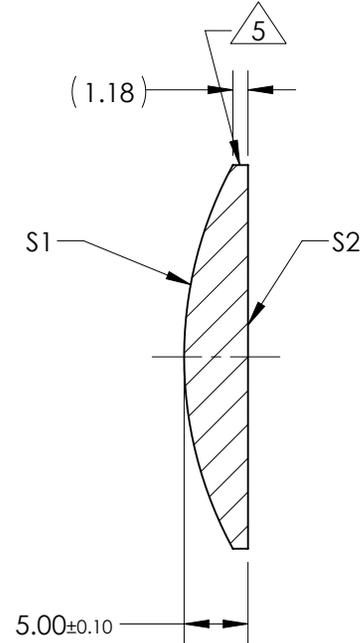
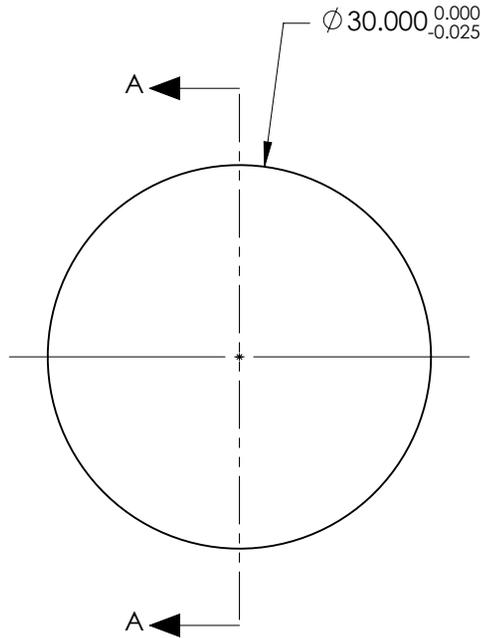


NOTES:

1. SUBSTRATE:  
GRADE A FINE ANNEALED  
SCHOTT: N-SF11 785/258
2. ROHS COMPLIANT
3. CENTERING TOLERANCE (AT 587.6nm):  
BEAM DEVIATION (HALF ANGLE): <1 ARCMIN
4. COATING (APPLY ACROSS COATING APERTURE)  
S1 & S2: VIS-NIR  
R(ABS) ≤ 0.25% AT 880nm @ 0° AOI  
R(AVG) ≤ 1.25% FROM 400-870nm @ 0° AOI  
R(AVG) ≤ 1.25% FROM 890-1000nm @ 0° AOI
5. FINE GRIND SURFACE
6. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
7. FOCAL LENGTH (EFL): 40.00mm ±1%  
BACK FOCAL LENGTH (BFL): 37.20mm
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                  | 31.39      | INFINITY   |
| SURFACE QUALITY         | 40 - 20    | 40 - 20    |
| MIN CLEAR APERTURE      | ∅ 29.00    | ∅ 29.00    |
| MIN COATING APERTURE    | ∅ 29.00    | ∅ 29.00    |
| 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

**EO**® Edmund Optics®

|                        |    |        |                                                               |                 |
|------------------------|----|--------|---------------------------------------------------------------|-----------------|
| THIRD ANGLE PROJECTION |    | TITLE  | 30.0mm Dia. x 40.0mm FL, VIS-NIR<br>Coated, Plano-Convex Lens |                 |
| ALL DIMS IN            | mm | DWG NO | 67184                                                         | SHEET<br>1 OF 1 |