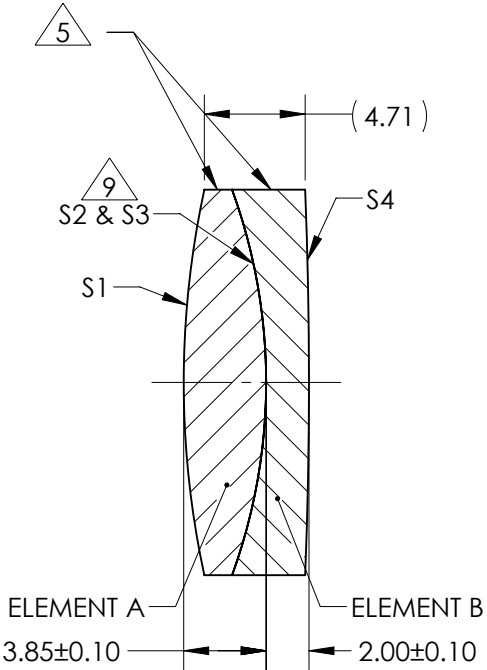
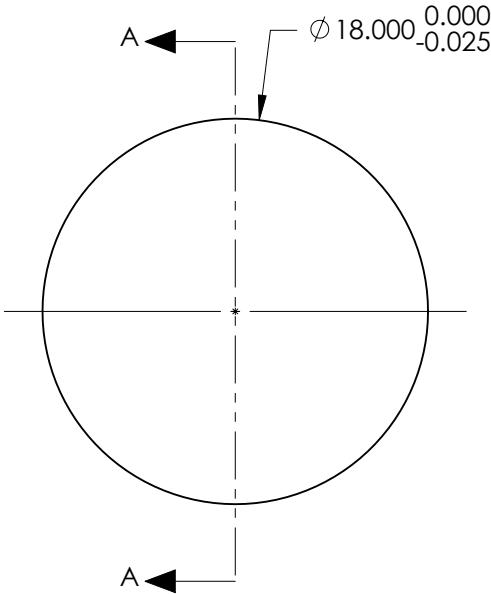


NOTES:

- SUBSTRATE:  
ELEMENT A: N-BAF10 670/472  
ELEMENT B: N-SF10 728/284
- ROHS COMPLIANT
- CENTERING TOLERANCE (AT 587.6nm):  
BEAM DEVIATION (HALF ANGLE): <1 ARCMIN
- COATING (APPLY ACROSS COATING APERTURE)  
  
S1 & S4: VIS-NIR  
R(ABS) ≤ 0.25% @ 880nm @ 0° AOI  
R(AVG) ≤ 1.25% FROM 400 - 870nm @ 0° AOI  
R(AVG) ≤ 1.25% FROM 890 - 1000nm @ 0° AOI

S2 & S3: NONE

- 5 FINE GRIND SURFACE
- POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
  - FOCAL LENGTH (EFL): 60.00mm±1%  
BACK FOCAL LENGTH (BFL): 56.79mm
  - PROTECTIVE BEVEL AS NEEDED
  - DESIGN WAVELENGTH: 587.6nm
  - ELEMENTS TO BE CEMENTED WITH NORLAND OPTICAL ADHESIVE NOA61



SECTION A-A

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

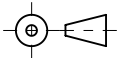
| ELEMENT TITLE           | SPECIFICATIONS AFTER CEMENTING |            |            |            |
|-------------------------|--------------------------------|------------|------------|------------|
|                         | ELEMENT A                      |            | ELEMENT B  |            |
| SURFACE                 | S1                             | S2         | S3         | S4         |
| SHAPE                   | CONVEX                         | CONVEX     | CONCAVE    | CONVEX     |
| RADIUS                  | 42.51                          | 26.24      | 26.24      | 226.77     |
| SURFACE QUALITY         | 40 - 20                        | 40 - 20    | 40 - 20    | 40 - 20    |
| MIN CLEAR APERTURE      | Ø 17.00                        | Ø 17.00    | Ø 17.00    | Ø 17.00    |
| MIN COATING APERTURE    | Ø 17.00                        | N/A        | N/A        | Ø 17.00    |
| POWER AT 632.8nm        | 3.00 RINGS                     | 3.00 RINGS | 3.00 RINGS | 3.00 RINGS |
| IRREGULARITY AT 632.8nm | 0.50 RINGS                     | 0.50 RINGS | 0.50 RINGS | 0.50 RINGS |

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

**EO**® **Edmund Optics**®

|        |                                                      |              |  |
|--------|------------------------------------------------------|--------------|--|
| TITLE  | 18mm Dia. x 60mm FL, VIS-NIR Coated, Achromatic Lens |              |  |
| DWG NO | 49344                                                | SHEET 1 OF 1 |  |

THIRD ANGLE  
PROJECTION



ALL DIMS IN

mm