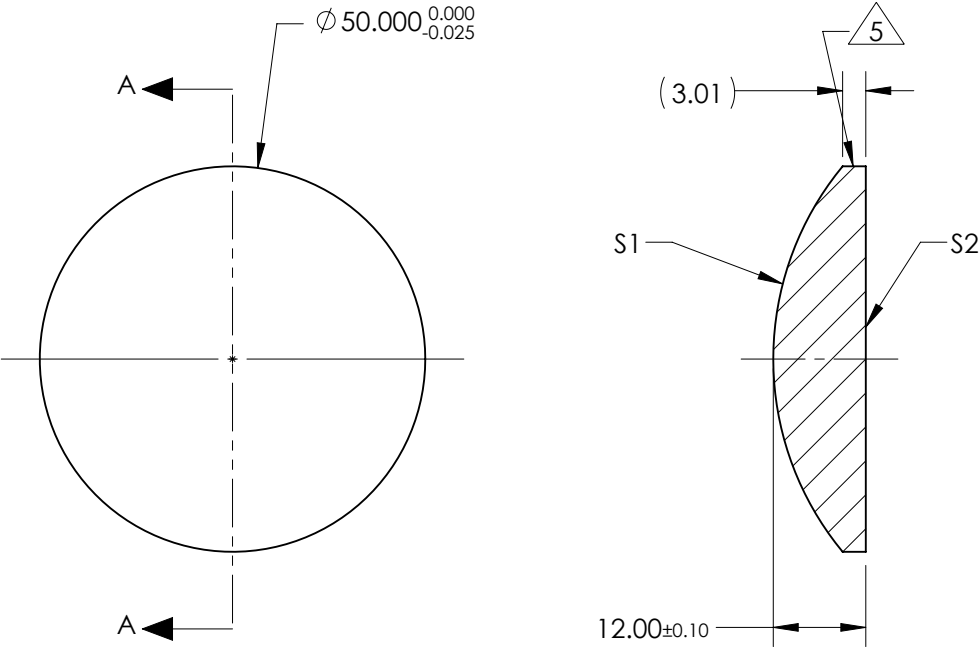


NOTES:

- 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-EXT  
R(AVG) ≤ 0.5% FROM 350-700nm @ 0° AOI
- 5. FINE GRIND SURFACE
- 6. POWER, IRREGULARITY, AND SURFACE QUALITY  
SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- 7. FOCAL LENGTH (EFL): 50.00mm ±1%  
BACK FOCAL LENGTH (BFL): 43.28mm
- 8. PROTECTIVE BEVEL AS NEEDED
- 9. DESIGN WAVELENGTH: 587.6nm



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

|                         | S1         | S2         |
|-------------------------|------------|------------|
| SHAPE                   | CONVEX     | PLANO      |
| RADIUS                  | 39.24      | INFINITY   |
| SURFACE QUALITY         | 40 - 20    | 40 - 20    |
| MIN CLEAR APERTURE      | Ø 49.00    | Ø 49.00    |
| MIN COATING APERTURE    | Ø 49.00    | Ø 49.00    |
| 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

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|                           |    |        |                                                              |                 |
|---------------------------|----|--------|--------------------------------------------------------------|-----------------|
| THIRD ANGLE<br>PROJECTION |    | TITLE  | 50.0mm Dia. x 50.0mm FL, VIS-EXT<br>Coated Plano-Convex Lens |                 |
| ALL DIMS IN               | mm | DWG NO | 88760                                                        | SHEET<br>1 OF 1 |