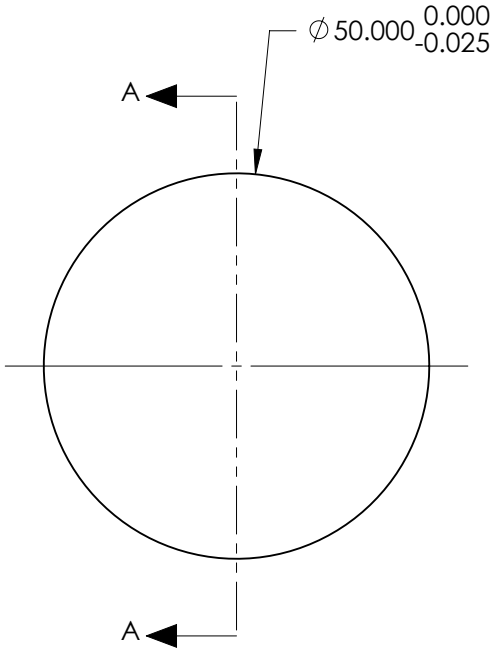
NOTES:

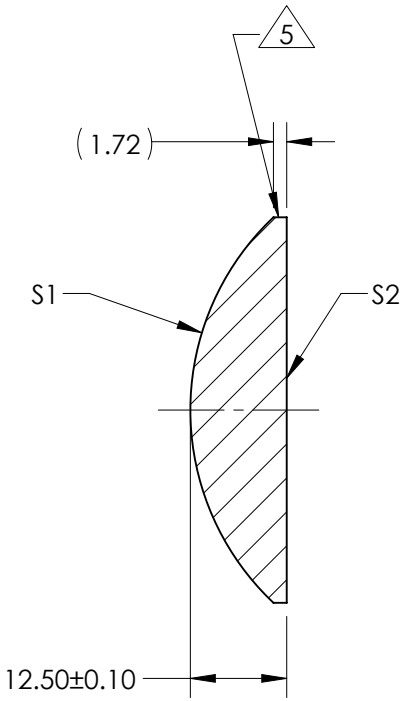
1. SUBSTRATE:
   #REF!
2. ROHS COMPLIANT
3. CENTERING TOLERANCE (AT 587.6nm):
   BEAM DEVIATION (HALF ANGLE): <1 ARCMIN
4. COATING (APPLY ACROSS COATING APERTURE)

   S1 & S2:
   ¼ WAVE MgF2 @ 550nm
   R(AVG) < 1.75% FROM 400-700nm (N-BK7)

△5 FINE GRIND SURFACE

6. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
7. FOCAL LENGTH (EFL): 75.00mm±1%
   BACK FOCAL LENGTH (BFL): 66.43mm
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 | 34.39 | INFINITY |
| SURFACE QUALITY | 40 - 20 | 40 - 20 |
| MIN CLEAR APERTURE | ∅49.00 | ∅49.00 |
| 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

Edmund Optics®

THIRD ANGLE PROJECTION

ALL DIMS IN mm

TITLE: 50mm Dia x 75mm FL, MgF2 Coated, Plano-Convex Lens

DWG NO: 18179

SHEET 1 OF 1