

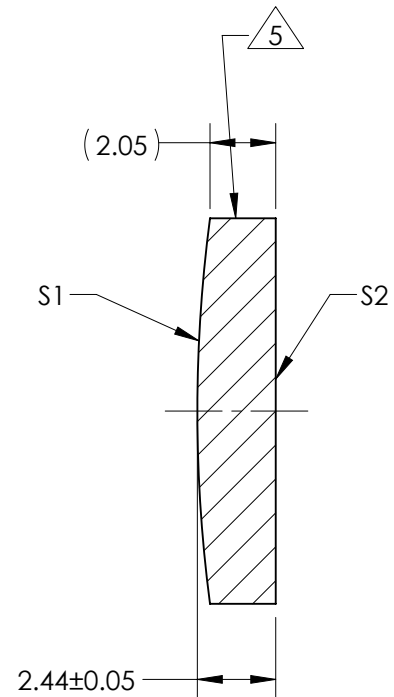
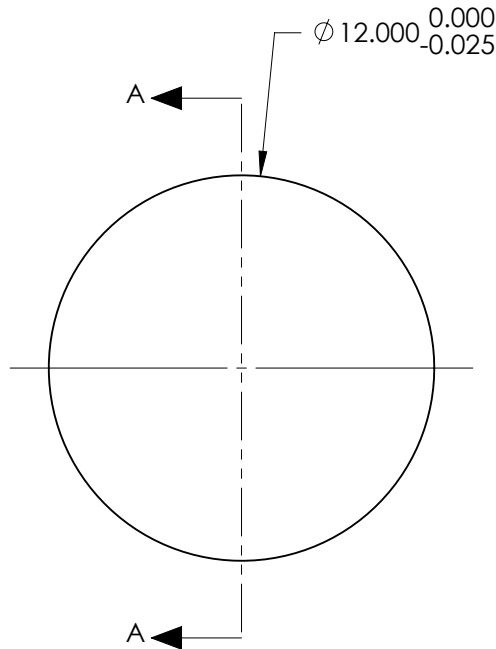
NOTES:

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: 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): 100.00mm±1%
BACK FOCAL LENGTH (BFL): 98.33mm
8. PROTECTIVE BEVEL AS NEEDED
9. DESIGN WAVELENGTH: 587.6nm



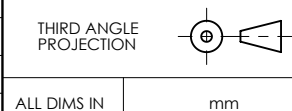
SECTION A-A

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

| | S1 | S2 |
|-------------------------|------------|------------|
| SHAPE | CONVEX | PLANO |
| RADIUS | 45.85 | INFINITY |
| SURFACE QUALITY | 40 - 20 | 40 - 20 |
| MIN CLEAR APERTURE | Ø 11.00 | Ø 11.00 |
| 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**®



| | | | |
|--------|---|-----------------|--|
| TITLE | 12mm Dia x 100mm FL, VIS-EXT Coated, Plano-Convex Lens | | |
| DWG NO | 18062 | SHEET 1 OF 1 | |