

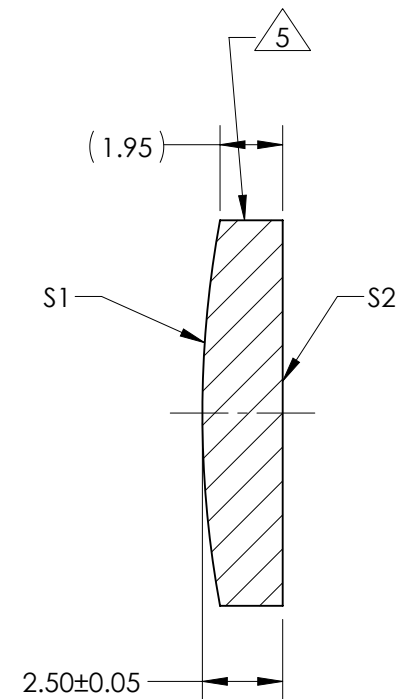
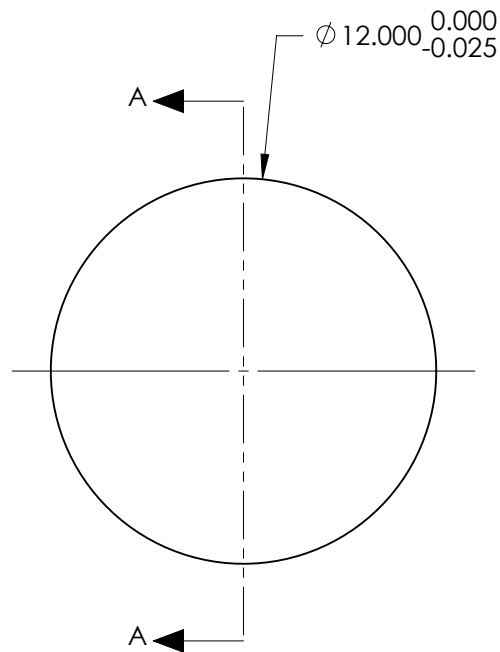
NOTES:

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)

△ FINE GRIND SURFACE

6. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
7. FOCAL LENGTH (EFL): 72.00mm±1%
BACK FOCAL LENGTH (BFL): 70.29mm
8. PROTECTIVE BEVEL AS NEEDED
9. DESIGN WAVELENGTH: 587.6nm



SECTION A-A

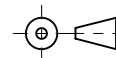
***FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING***

| | S1 | S2 |
|-------------------------|------------|------------|
| SHAPE | CONVEX | PLANO |
| RADIUS | 33.01 | 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**®

THIRD ANGLE PROJECTION



ALL DIMS IN mm

TITLE 12mm Dia x 72mm FL, MgF2 Coated,
Plano-Convex Lens

DWG NO 17974

SHEET
1 OF 1