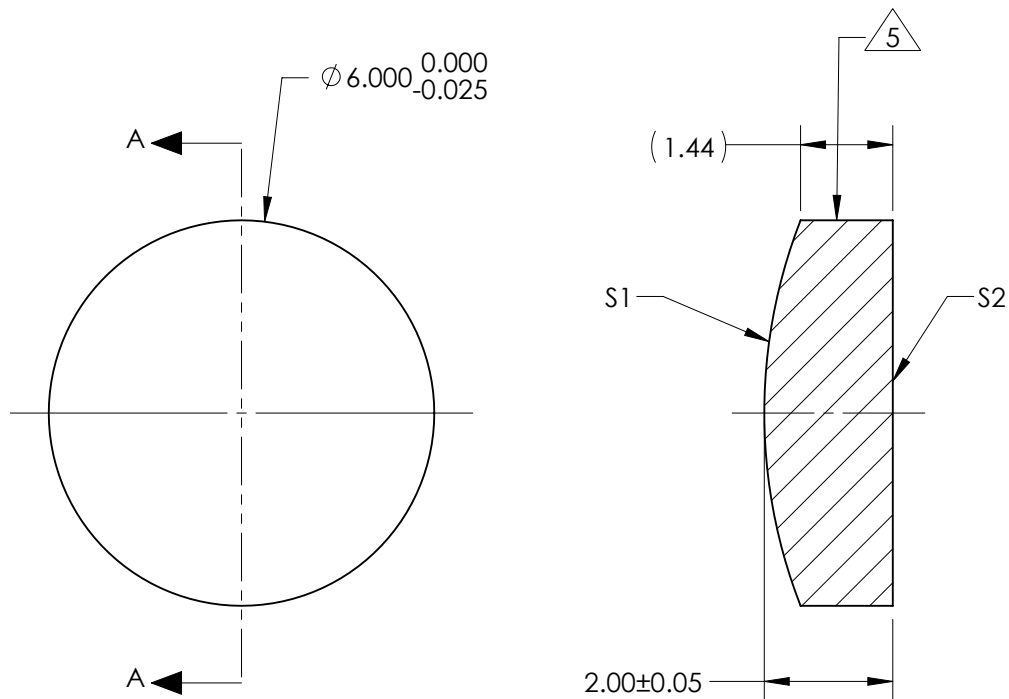


NOTES:

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): 18.00mm±1%
BACK FOCAL LENGTH (BFL): 16.62mm
 8. PROTECTIVE BEVEL AS NEEDED
 9. DESIGN WAVELENGTH: 587.6nm



SECTION A-A

FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

| | S1 | S2 |
|-------------------------|------------|------------|
| SHAPE | CONVEX | PLANO |
| RADIUS | 8.25 | INFINITY |
| SURFACE QUALITY | 40 - 20 | 40 - 20 |
| MIN CLEAR APERTURE | Ø 5.40 | Ø 5.40 |
| 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 |

| | |
|------------------------|----|
| THIRD ANGLE PROJECTION | |
| ALL DIMS IN | mm |

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| | | | |
|--------|--|-----------------|--|
| TITLE | 6mm Dia x 18mm FL, MgF2 Coated, Plano-Convex Lens | | |
| DWG NO | 18019 | SHEET 1 OF 1 | |