

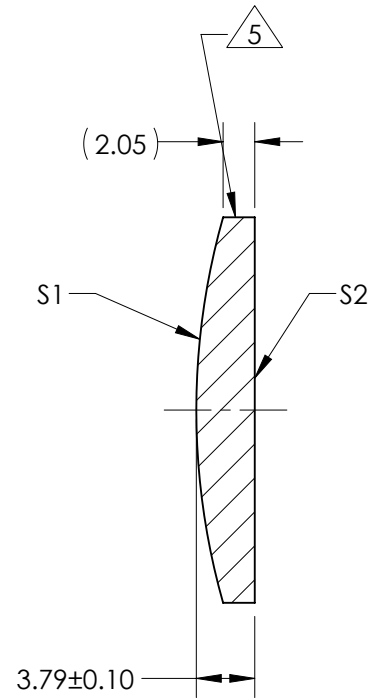
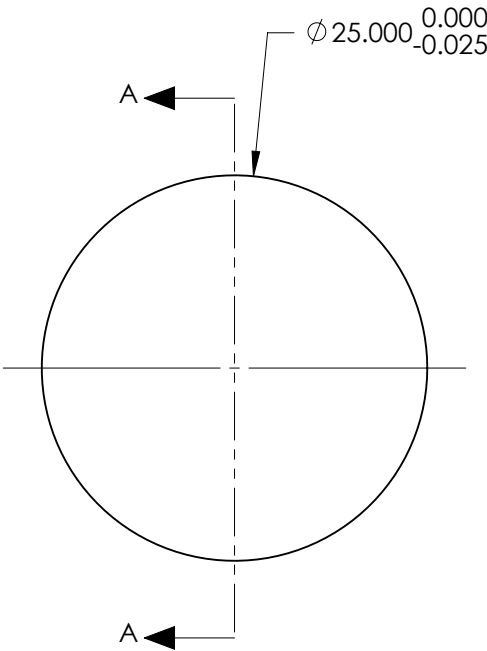
NOTES:

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: YAG-BBAR  
R(ABS) < 0.25% @ 532nm @ 0° AOI  
R(ABS) < 0.25% @ 1064nm @ 0° AOI  
R(AVG) < 1.0% FROM 500-1100nm @ 0° AOI

△ 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): 97.40mm
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 24.00    | Ø 24.00    |
| 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

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|                           |    |        |                                                            |                 |
|---------------------------|----|--------|------------------------------------------------------------|-----------------|
| THIRD ANGLE<br>PROJECTION |    | TITLE  | 25mm Dia x 100mm FL, YAG-BBAR<br>Coated, Plano-Convex Lens |                 |
| ALL DIMS IN               | mm | DWG NO | 18083                                                      | SHEET<br>1 OF 1 |