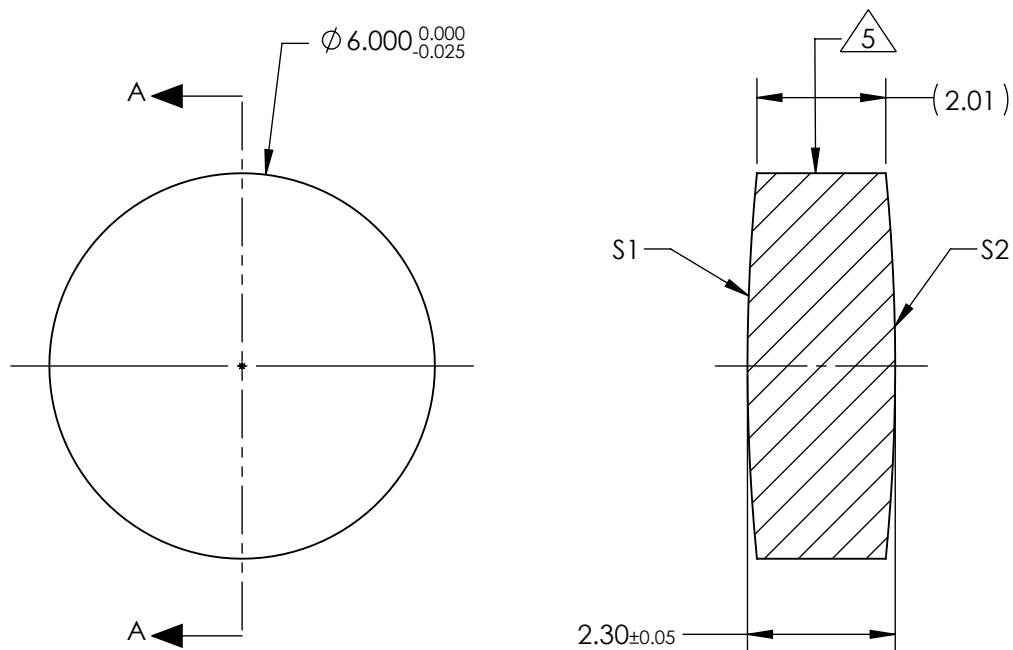


NOTES:

1. SUBSTRATE:
GRADE A FINE ANNEALED
SCHOTT: N-BK7 517/642
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
5. FINE GRIND SURFACE
6. POWER, IRREGULARITY, AND SURFACE QUALITY
SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
7. FOCAL LENGTH (EFL): 30.00mm±1%
BACK FOCAL LENGTH (BFL): 29.23mm
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	CONVEX
RADIUS	30.61	30.61
SURFACE QUALITY	40 - 20	40 - 20
MIN CLEAR APERTURE	Ø 5.40	Ø 5.40
MIN COATING APERTURE	Ø 5.00	Ø 5.00
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

6mm Dia. x 30mm FL YAG-BBAR Coated,
Double-Convex Lens

DWG NO

89221

SHEET
1 OF 1