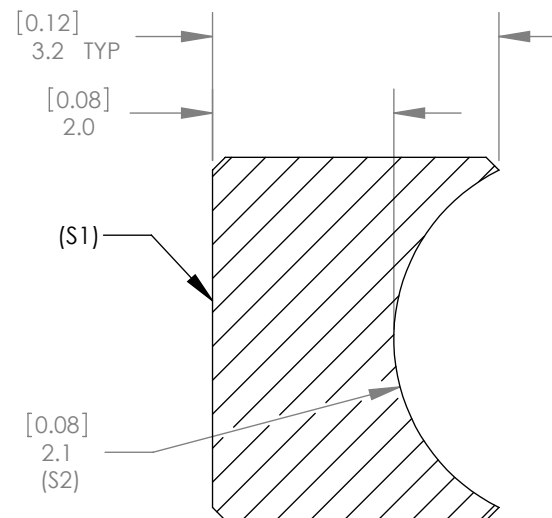
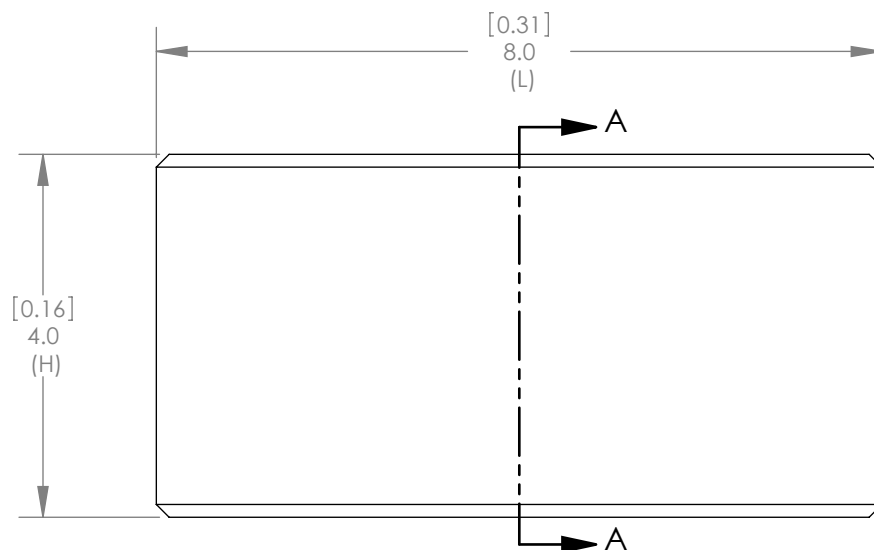


1:1 ISOMETRIC VIEW FOR
REFERENCE ONLY



SECTION A-A

NOTES/SPECIFICATIONS:

- DESIGN WAVELENGTH: 587.6nm
- FOCAL LENGTH: $f = -4.01 \text{ mm} \pm 1\%$
- BACK FOCAL LENGTH(REF): $bf = -5.3 \text{ mm}$
- CLEAR APERTURE: >90% OF SURFACE LENGTH AND HEIGHT
- SURFACE QUALITY: 60-40 SCRATCH-DIG
- CENTRATION: $\leq 5 \text{ arcmin}$
- LENGTH AND HEIGHT TOLERANCE: $+0.0/-0.1 \text{ mm}$
- THICKNESS TOLERANCE: $\pm 0.1 \text{ mm}$
- SURFACE ACCURACY:
POWER = 1 FRINGE (S1), 3 FRINGES (S2)
IRREGULARITY = $\lambda/4$ (S1), λ (S2 H), λ/cm (S2 L)
- COATING(S1 & S2): BBAR $R_{\text{avg}} < 0.5\%$ FROM 350nm-700nm, 0 DEG AOI
0° AOI, ON OUTER OPTICAL SURFACES

ALL DIMENSIONS ARE IN THE FORM $\frac{\text{[in]}}{\text{mm}}$

THORLABS INC. PO BOX 366
NEWTON NJ

	NAME	DATE
DRAWN	BAG	03/22/2010
ENG APPR.	SG	04/07/2010
MFG APPR.	DD	04/21/2010

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TITLE: H=4.0 L=8.0 F=-4.0 CYLINDRICAL
N-BK7 PLANO CONCAVE LENS

MATERIAL: N-BK7 SIZE A REV. B

SCALE: 12:1 SHEET 1 OF 1

DWG. NO. 5790-E01 PART NO. LK1597L2-A