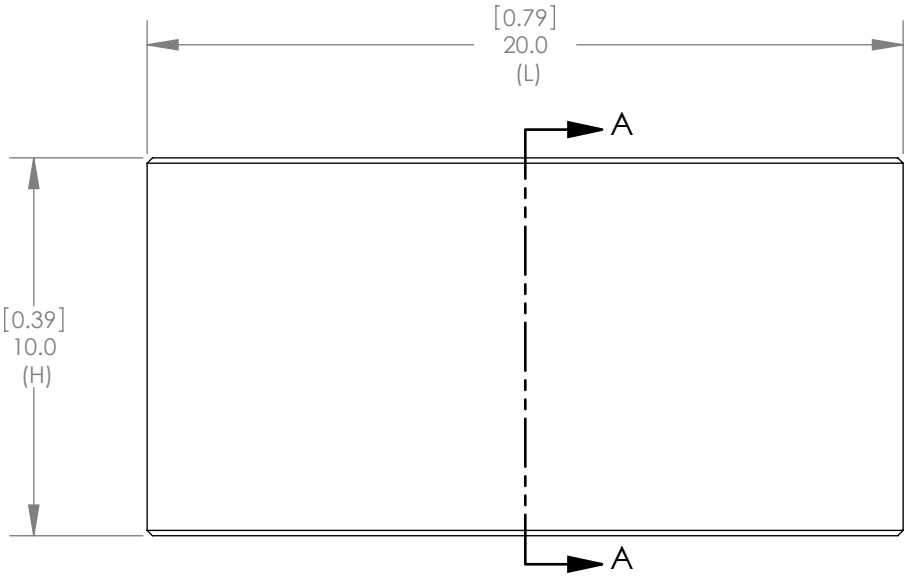
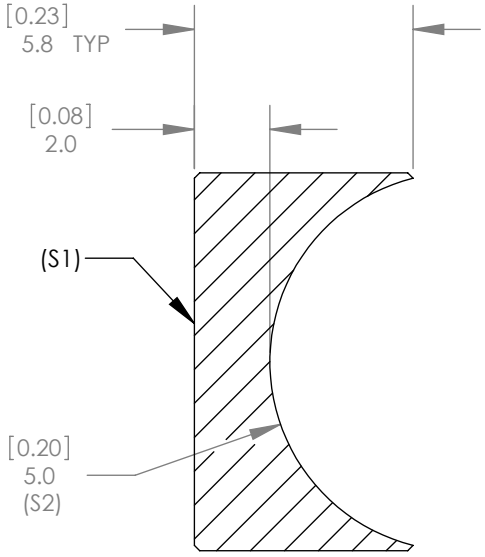


1:1 ISOMETRIC VIEW FOR REFERENCE ONLY





SECTION A-A

NOTES/SPECIFICATIONS:
1. DESIGN WAVELENGTH: 587.6nm
2. FOCAL LENGTH: f=-9.69mm ± 1%
3. BACK FOCAL LENGTH(REF): bf=-11.0mm
4. CLEAR APERTURE: >90% OF SURFACE LENGTH AND HEIGHT
5. SURFACE QUALITY: 60-40 SCRATCH-DIG
6. CENTRATION: ≤ 5arcmin
7. LENGTH AND HEIGHT TOLERANCE: +0.0/-0.1mm
8. THICKNESS TOLERANCE: ±0.1mm
9. SURFACE ACCURACY:
   POWER = 1 FRINGE (S1), 3 FRINGES (S2)
   IRREGULARITY = λ/4 (S1), λ (S2 H), λ/cm (S2 L)

ALL DIMENSIONS ARE IN THE FORM [in] mm.

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

PROPRIETARY AND CONFIDENTIAL

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THORLABS INC. PO BOX 366 NEWTON NJ

TITLE:H=10.0 L=20.0 F=-9.7 CYLINDRICAL N-BK7 PLANO CONCAVE LENS

MATERIAL:	SIZE	REV.
N-BK7	A	B

SCALE: 5:1	SHEET 1 OF 1

DWG. NO.	PART NO.
3963-E01	LK1836L2

5 4 3 2 1