1:1 ISOMETRIC VIEW FOR
REFERENCE ONLY

[0.87]
22.0
(L)

A

A

[0.79]
20.0
(H)

[0.22]
5.5 TYP

[0.08]
2.0

(S1)

[0.61]
15.5
(S2)
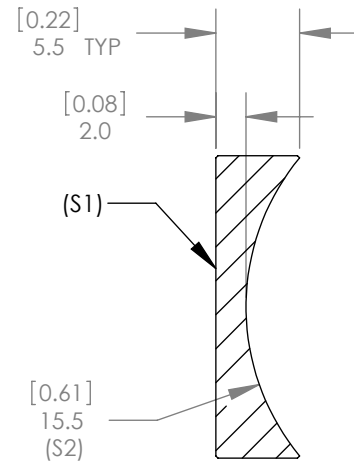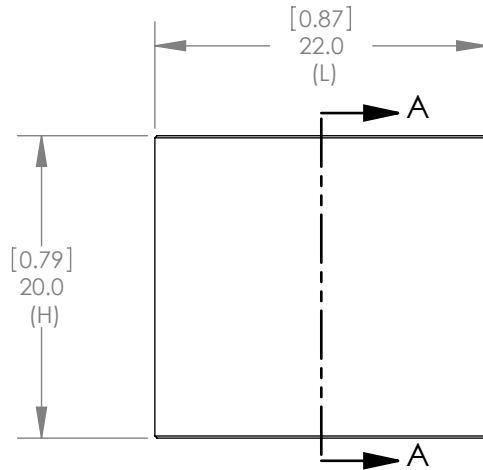
SECTION A-A

NOTES/SPECIFICATIONS:
1.   DESIGN WAVELENGTH: 587.6nm
2.   FOCAL LENGTH: f=-29.99mm ± 1%
3.   BACK FOCAL LENGTH(REF): bf=-31.3mm
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.

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

TITLE:H=20.0 L=22.0 F=-30.0 CYLINDRICAL
N-BK7 PLANO CONCAVE LENS

MATERIAL:
N-BK7

SIZE: A   REV. B

SCALE: 2:1   SHEET 1 OF 1

DWG. NO.
4016-E01

PART NO.
LK1982L1