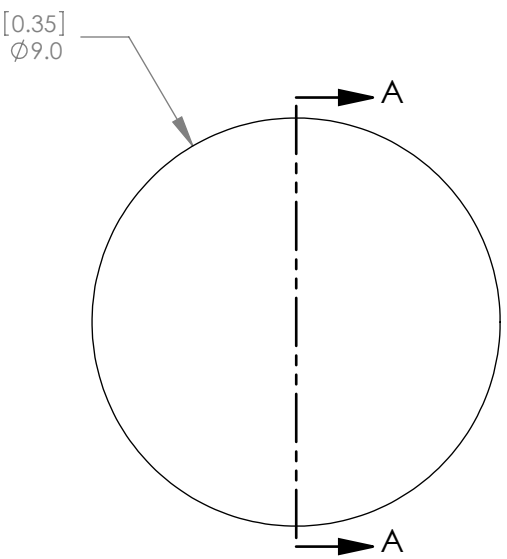
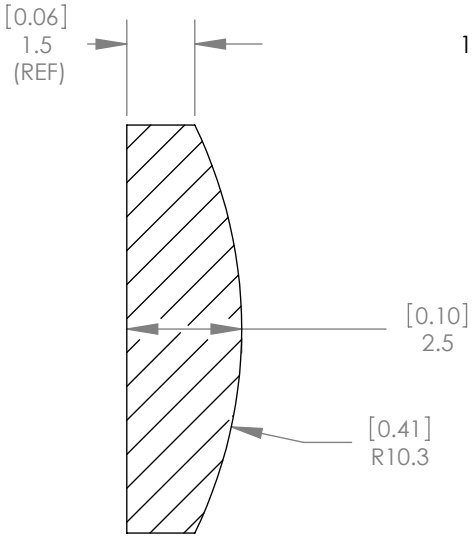




1:1 ISOMETRIC VIEW FOR REFERENCE ONLY

SECTION A-A

NOTES/SPECIFICATIONS:
1. DESIGN WAVELENGTH: 587.6nm
2. FOCAL LENGTH: f=19.9mm ± 1%
3. BACK FOCAL LENGTH(REF): bf=18.3mm
4. CLEAR APERTURE: >90%
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION: <3arcmin
7. DIAMETER TOLERANCE: +0.0/-0.1mm
8. THICKNESS TOLERANCE: ±0.1mm

ALL DIMENSIONS ARE IN THE FORM [in] mm.

THIS DRAWING IS FOR INFORMATION ONLY
NOT INTENDED FOR MANUFACTURING

	NAME	DATE
DRAWN	WD	11/19/2009
ENG APPR.	BW	11/24/2009
MFG APPR.	DD	12/09/2009

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF THORLABS, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF THORLABS, INC. IS PROHIBITED.

THORLABS INC. PO BOX 366 NEWTON NJ

TITLE: D=9.0 F=20.0 N-BK7 PLANO CONVEX LENS

MATERIAL:	SIZE	REV.
N-BK7	A	B

SCALE: 6:1	SHEET 1 OF 1

DWG. NO.	PART NO.
3233-E01	LA1472

5 4 3 2 1