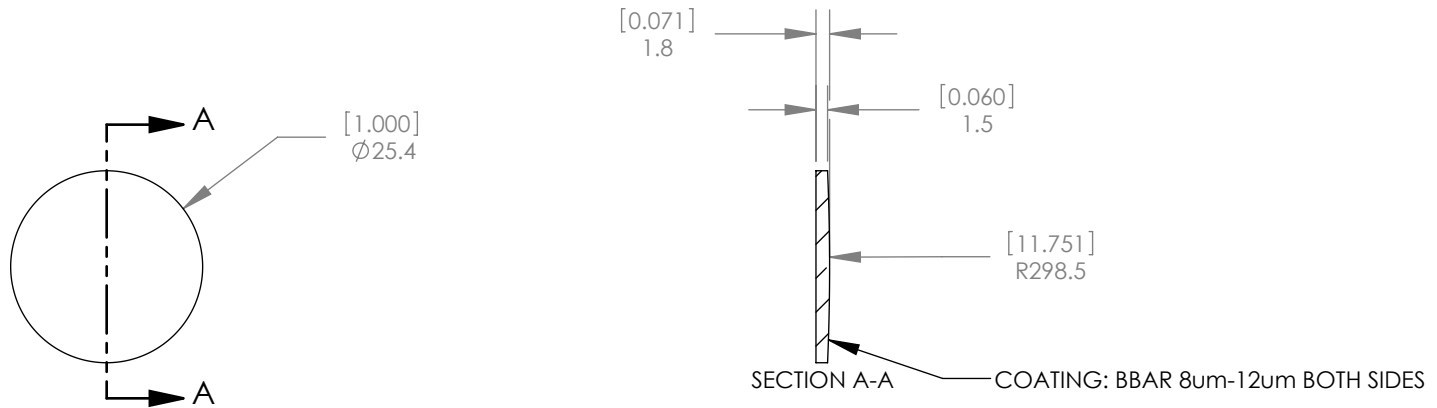


REV. #	DESCRIPTION:	NAME/DATE:



ALL DIMENSIONS IN
MILLIMETERS AND INCHES

FOR INFORMATION ONLY
NOT FOR MANUFACTURE

FOCAL LENGTH: $f=100.0\text{mm}$
 BACK FOCAL LENGTH: 98.76mm
 INDEX: $n= 3.46222$
 DESIGN WAVELENGTH: $10.0\mu\text{m}$
 SCRATCH/DIG: 40/20
 DIMAETER TOLERANCE: $+0.00\text{mm}/-0.10\text{mm}$
 CLEAR APERTURE: $>90\%$
 CENTRATION: 3 arcmin
 CENTER THICKNESS TOLERANCE: $\pm 0.2\text{mm}$

THORLABS INC. PO BOX 366
NEWTON NJ

TOLERANCES		NAME	DATE
UNLESS OTHERWISE SPECIFIED:		DRAWN	TO 4/26/2006
DIMENSIONS ARE IN INCHES		ENG APPR.	TO 4/26/2006
LINEAR TOLERANCES:		MFG APPR.	TO 4/26/2006
TWO PLACE DECIMAL: ± 0.010		PROPRIETARY AND CONFIDENTIAL	
THREE PLACE DECIMAL: ± 0.005		THE INFORMATION CONTAINED IN THIS	
ANGULAR: $\pm 30'$		DRAWING IS THE SOLE PROPERTY OF	
SURFACE FINISH: 32 MICROINCHES		THORLABS, INC. ANY REPRODUCTION	
PARALLELISM: 0.002		IN PART OR AS A WHOLE WITHOUT	
FLATNESS: 0.002		THE WRITTEN PERMISSION OF	
STRAIGHTNESS: 0.002		THORLABS, INC. IS PROHIBITED.	
CONCENTRICITY: 0.002			
PERPENDICULARITY: 0.002			
THREAD: CLASS 2 FIT			

TITLE: PLANO CONVEX LENS $f=100.0\text{mm}$ $d=25.4\text{mm}$			
MATERIAL: Germanium		SIZE A	REV. A
SCALE: 1:1		SHEET 1 OF 1	
DWG. NO. 13589-E01	PART NO. LA9100		