



1. DESIGN WAVELENGTH: 4μm
2. FOCAL LENGTH: f=500.0mm±1%
3. BACK FOCAL LENGTH(REF): bf=499.4mm
4. CLEAR APERTURE: >22.86mm
5. SURFACE QUALITY: 60-40 SCRATCH-DIG
6. CENTRATION: <3arcmin
7. DIAMETER TOLERANCE: +0.0/-0.1mm
8. THICKNESS TOLERANCE: ±0.1mm
9. COATING: BBAR Ravg<1.25% FROM 2.0-5.0μm, 0° AOI  
ON BOTH OPTICAL SURFACES

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 <b>THORLABS</b> <a href="http://www.thorlabs.com">www.thorlabs.com</a>	
	NAME	DATE	SILICON PLANO-CONVEX LENS, $\varnothing$ 25.4mm, f=500mm, BBAR: 2.0-5.0 $\mu$ m	
DRAWN	EMT	26/MAR/14		
APPROVAL	MI	08/APR/14		
COPYRIGHT © 2014 BY THORLABS			MATERIAL <b>SILICON</b>	
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM # <b>LA8023-E</b>	REV <b>B</b>
			APPROX WEIGHT	<b>2.4g</b>