



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 4 μ m
2. FOCAL LENGTH: f=50.0mm \pm 1%
3. BACK FOCAL LENGTH(REF): bf=48.8mm
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: \pm 0.1mm
9. COATING: BBAR Ravg<1.25% FROM 2.0-5.0 μ m, 0 $^\circ$ AOI ON BOTH OPTICAL SURFACES

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 www.thorlabs.com SILICON PLANO-CONVEX LENS, \varnothing 25.4mm, f=50mm, BBAR: 2.0-5.0 μ m	
NAME	DATE			
DRAWN	EMT	26/MAR/14	MATERIAL SILICON	
APPROVAL	MI	08/APR/14		
COPYRIGHT © 2014 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			LA8862-E	4.3g
			REV B	