



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 4 $\mu$ m
2. FOCAL LENGTH: f=40.0mm  $\pm$  1%
3. BACK FOCAL LENGTH(REF): bf=39.4mm
4. CLEAR APERTURE: >11.43mm
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 $\mu$ m, 0° AOI ON BOTH OPTICAL SURFACES

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 <a href="http://www.thorlabs.com">www.thorlabs.com</a> SILICON PLANO-CONVEX LENS, $\phi$ 12.7mm, f=40mm, BBAR: 2.0-5.0 $\mu$ m	
NAME	DATE			
DRAWN	EMT	26/MAR/14	MATERIAL <b>SILICON</b>	
APPROVAL	MI	08/APR/14		
COPYRIGHT © 2014 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			LA8943-E	0.6g
			REV	B