



SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 10.6 μ m
2. FOCAL LENGTH: f=15.0mm \pm 1%
3. BACK FOCAL LENGTH(REF): bf=14.4mm
4. CLEAR APERTURE: >10.16mm
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 (S1,S2): BBAR 7.0-12.0 μ m, Ravg: <1.0%, Rabs: <2.0%, Tav: >97%, Tabs: >92%, 0° AOI ON BOTH OPTICAL SURFACES

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com ZnSe BI-CONVEX LENS, ϕ 12.7mm, f=15mm, BBAR: 7.0-12.0 μ m	
NAME	DATE			
DRAWN	CFS	01/AUG/16	MATERIAL CVD LASER GRADE ZnSe	
APPROVAL	MZ	01/AUG/16		
COPYRIGHT © 2017 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			LB7436-E3	1.7g