



SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 10.6 $\mu$ m
2. FOCAL LENGTH: f=200.0mm  $\pm$  1%
3. BACK FOCAL LENGTH(REF): bf=199.5mm
4. CLEAR APERTURE: >20.32mm
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 $\mu$ m, Ravg: <1.0%, Rabs: <2.0%, Tavg: >97%, Tabs: >92%, 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>	
	NAME	DATE		
DRAWN	CFS	01/AUG/16	ZnSe BI-CONVEX LENS, $\varnothing$ 25.4mm, f=200mm, BBAR: 7.0-12.0 $\mu$ m	
APPROVAL	MZ	01/AUG/16	MATERIAL	REV
COPYRIGHT © 2017 BY THORLABS			CVD LASER GRADE ZnSe	A
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			LB7887-E3	5.7g