



SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 10.6 μm
2. FOCAL LENGTH: 15.0mm
3. BACK FOCAL LENGTH: 11.6mm
4. CLEAR APERTURE: >10.16mm
5. SURFACE QUALITY: 60-40 SCRATCH-DIG
6. CENTRATION: <3 arcmin
7. DIAMETER TOLERANCE: +0.0/-0.1mm
8. THICKNESS TOLERANCE: $\pm 0.1\text{mm}$
9. COATING (S1, S2): BBAR 7-12 μm , Ravg <1.0%, Rabs <2.0%, Tavg >97%, Tabs >92%, 0° AOI

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com ZnSe POSITIVE MENISCUS LENS $\varnothing 12.7\text{mm}$, f=15mm, BBAR: 7.0-12.0 μm	
NAME	DATE			
DRAWN	MG	30/OCT/20	MATERIAL	
APPROVAL	DD	04/NOV/20	ZINC SELENIDE	REV A
COPYRIGHT © 2020 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			LE7246-E3	2 g