



SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 10.6 μm
2. FOCAL LENGTH: $f=25.4\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf=23.6\text{mm}$
4. CLEAR APERTURE: $>20.32\text{mm}$
5. SURFACE QUALITY: 60-40 SCRATCH-DIG
6. CENTRATION: $<3\text{arcmin}$
7. DIAMETER TOLERANCE: $+0.0/-0.1\text{mm}$
8. THICKNESS TOLERANCE: $\pm 0.1\text{mm}$
9. COATING: BBAR $R_{\text{avg}} < 1\%$ FROM 7.0-12.0 μm , 0° AOI ON BOTH OPTICAL SURFACES

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com ZnSe PLANO-CONVEX LENS, $\varnothing 25.4\text{mm}$, $f=25.4\text{mm}$, BBAR: 7.0-12.0 μm	
NAME	DATE			
DRAWN	CFS	26/MAR/14	MATERIAL	
APPROVAL	MI	21/APR/14	ZnSe	REV A
COPYRIGHT © 2014 BY THORLABS <small>VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS</small>			ITEM #	APPROX WEIGHT
			LA7542-G	8.5g