



SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 10.6 $\mu$ m
2. FOCAL LENGTH: f=25.4mm  $\pm$  1%
3. BACK FOCAL LENGTH(REF): bf=24.6mm
4. CLEAR APERTURE: >  $\phi$  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: BBAR 7.0-12.0 $\mu$ m, Ravg<1%, Rabs<2%, Tavg>94%, Tabs>90%, 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	30/MAR/16	GERMANIUM PLANO-CONVEX LENS, $\phi$ 25.4mm, f=25mm, BBAR: 7.0-12.0 $\mu$ m	
APPROVAL	MZ	18/JUL/16	MATERIAL	REV
COPYRIGHT © 2016 BY THORLABS <small>VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS</small>			GERMANIUM	A
			ITEM #	APPROX WEIGHT
			LA9509-E3	6.8 g