



SECTION A-A

NOTES/SPECIFICATIONS

1. DESIGN WAVELENGTH: 633nm
2. FOCAL LENGTH: $f=500.0 \pm 2\%$
3. BACK FOCAL LENGTH (REF): $bf=498.1\text{mm}$
4. CLEAR APERTURE: $>90\%$
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION: $<3\text{arcmin}$
7. DIAMETER TOLERANCE: $+0.0/-0.1\text{mm}$
8. THICKNESS TOLERANCE: $\pm 0.2\text{mm}$

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 www.thorlabs.com	
	NAME	DATE		
DRAWN	DS	06/19/13	MgF2 PLANO CONVEX LENS $f=500.0\text{mm}$ $d=25.4\text{mm}$	
APPROVAL	DD	06/20/13	MATERIAL	REV B
COPYRIGHT © 2013 BY THORLABS			MgF2	
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			LA6009	0.0022 kg