



NOTES/SPECIFICATIONS

1. DESIGN WAVELENGTH: 633nm
2. FOCAL LENGTH:  $f=50.0 \pm 2\%$
3. BACK FOCAL LENGTH (REF):  $bf=45.0\text{mm}$
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			 <a href="http://www.thorlabs.com">www.thorlabs.com</a>	
NAME	DATE	MgF2 PLANO CONVEX LENS $f=50.0\text{mm}$ $d=25.4\text{mm}$		
DRAWN	DS	06/19/13	MATERIAL	
APPROVAL	DD	06/20/13	MgF2	REV B
COPYRIGHT © 2013 BY THORLABS			ITEM #	APPROX WEIGHT
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			LA6002	0.0057 kg