



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: $4\mu\text{m}$
2. FOCAL LENGTH: $f=40.0\text{mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF): $bf=37.9\text{mm}$
4. CLEAR APERTURE: $>11.43\text{mm}$
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. CENTRATION: $<3\text{arcmin}$
7. DIAMETER TOLERANCE: $+0.0/-0.1\text{mm}$
8. THICKNESS TOLERANCE: $\pm 0.1\text{mm}$
9. COATING: BBAR $R_{\text{avg}} < 1.25\%$ FROM 2.0-5.0 μm , 0° AOI ON BOTH OPTICAL SURFACES

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com BaF2 PLANO-CONVEX LENS, $\phi 12.7\text{mm}$, $f=40\text{mm}$, BBAR: 2.0-5.0 μm	
DRAWN	NAME	DATE		
APPROVAL	MI	08/APR/14	MATERIAL	
COPYRIGHT © 2014 BY THORLABS <small>VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS</small>			BARIUM FLUORIDE	
ITEM #			LA0259-E	APPROX WEIGHT
				1.6g
				REV B