



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: $> \varnothing 20.3 \text{ mm}$
5. SURFACE QUALITY (S1, S2): 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 (S1, S2): BBAR 4.5-7.5 μm , R_{avg} : $< 1.0\%$, R_{abs} : $< 2.0\%$, T_{avg} : $> 97\%$, T_{abs} : $> 94\%$, 0° AOI

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: 4.5-7.5 μm	
	NAME	DATE		
DRAWN	GG	30/MAY/19	MATERIAL ZINC SELENIDE	
APPROVAL	DD	30/MAY/19		
COPYRIGHT © 2019 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			LA7542-E2	9 g
			REV	A