

1. SUBSTRATE:
II-VI Infrared ZnSe
2. CENTERING TOLERANCE:
EDGE THICKNESS VARIATION MEASURED AT THE CLEAR APERTURE OF S1
NOT TO EXCEED 12.7µm
3. COATING (APPLY ACROSS COATING APERTURE)
BBAR (8000-12000nm)
S1 & S2: R(AVG) <0.5% @ 8 - 12µm

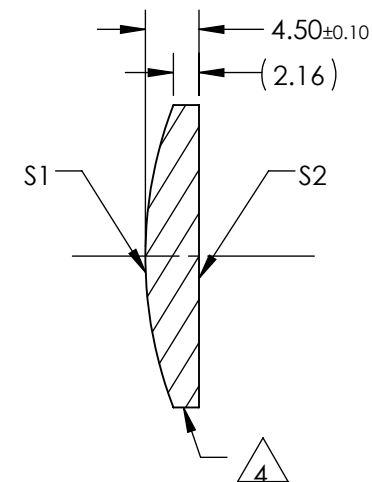
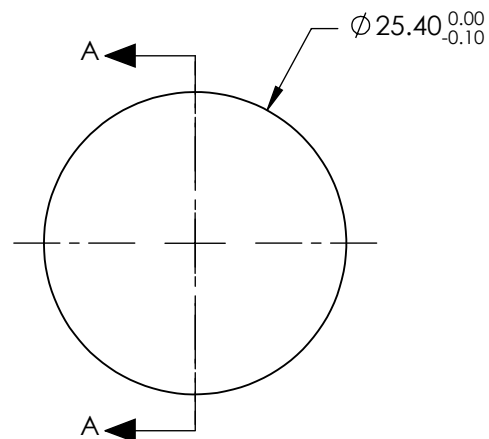
4. FINE GROUND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE

6. WAVELENGTH RANGE: 8000 - 12000nm

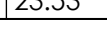
7. SURFACE ROUGHNESS: $<50 \text{ \AA}$

8. ROHS: COMPLIANT



SECTION A-A

**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**

	S1	S2	SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY				
SHAPE	CONVEX	PLANO			 Edmund Optics®		
RADIUS	35.628	INFINITY	EFL (AT 10.6 microns)	25.40			
SURFACE QUALITY	40-20	40-20	BFL (AT 10.6 microns)	23.53			
CLEAR APERTURE	90%	90%					
POWER at 10.6µm	λ/10	λ/10					
IRREGULARITY at 10.6µm	λ/20	λ/20			TITLE 25.4mm Dia. x 25.4mm FL, 8-12µm BBAR Coated, ZnSe Plano-Convex Lens		
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	39547	SHEET 1 OF 1

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