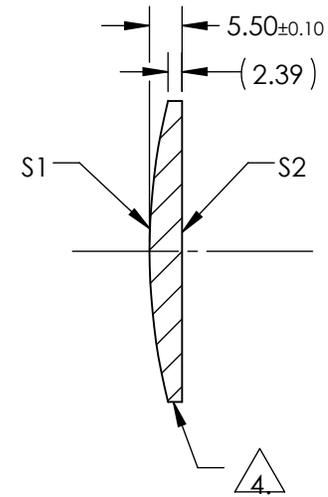
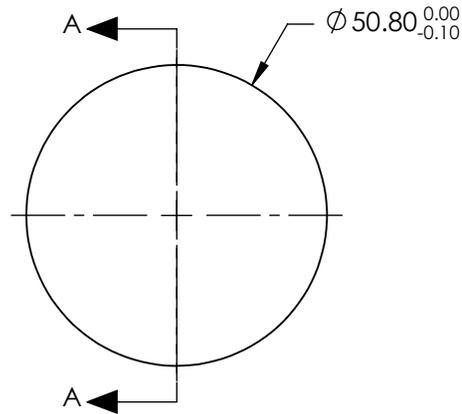


NOTES:

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: 3000 - 12000nm
7. SURFACE ROUGHNESS: <50 Å
8. ROHS: COMPLIANT



SECTION A-A

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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2			 <b>Edmund Optics®</b>		
SHAPE	CONVEX	PLANO					
RADIUS	105.200	INFINITY	EFL (AT 10.6 microns)	75.00	TITLE 50.8mm Dia. x 75mm FL, 8-12µm BBAR Coated, ZnSe Plano-Convex Lens		
SURFACE QUALITY	40-20	40-20	BFL (AT 10.6 microns)	72.71			DWG NO 11409
CLEAR APERTURE	90%	90%			SHEET 1 OF 1		
POWER at 10.6µm	λ/10	λ/10					
IRREGULARITY at 10.6µm	λ/20	λ/20					
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm			