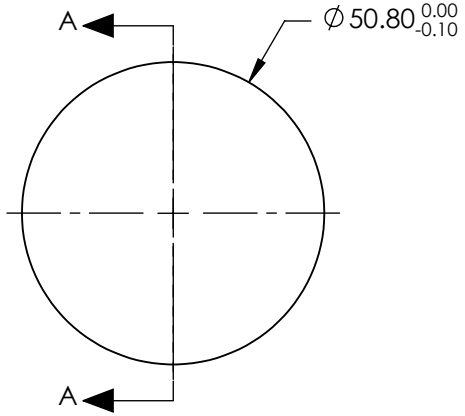
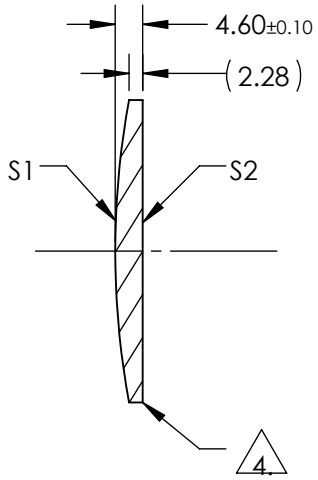
NOTES:

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

	S1	S2
SHAPE	CONVEX	PLANO
RADIUS	140.270	INFINITY
SURFACE QUALITY	40-20	40-20
CLEAR APERTURE	90%	90%
POWER at 10.6µm	λ/10	λ/10
IRREGULARITY at 10.6µm	λ/20	λ/20
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

EFL (AT 10.6 microns)	100.00
BFL (AT 10.6 microns)	98.09
THIRD ANGLE PROJECTION	
ALL DIMS IN	mm

Edmund Optics®

TITLE	50.8mm Dia. x 100mm FL, 8-12µm BBAR Coated, ZnSe Plano-Convex Lens	
DWG NO	11410	SHEET 1 OF 1