## NOTES:

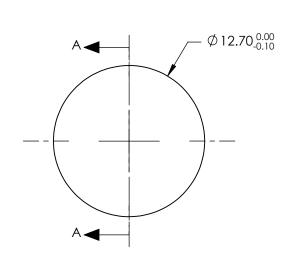
- 1. SUBSTRATE:
  II-VI Infrared ZnSe
- 2. CENTERING TOLERANCE:
  EDGE THICKNESS VARIATION MEASURED AT THE CLEAR APERTURE OF \$1
  NOT TO EXCEED 50.8µm
- 3. COATING (APPLY ACROSS COATING APERTURE)

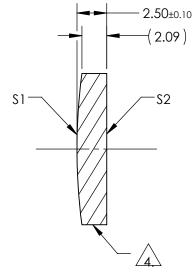
\$1 & \$2: NONE

4. FINE GROUND SURFACE

- 5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
- 6. WAVELENGTH RANGE: 600 18000nm
- 7. SURFACE ROUGHNESS: <50 Å
- 8. ROHS: COMPLIANT







**SECTION A-A** 

|                 | \$1    | \$2      |                          |
|-----------------|--------|----------|--------------------------|
| SHAPE           | CONVEX | PLANO    |                          |
| RADIUS          | 49.10  | INFINITY | EFL (AT 10.6<br>microns) |
| SURFACE QUALITY | 40-20  | 40-20    | BFL (AT 10.6 microns)    |

 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

| FL (AT 10.6<br>nicrons)<br>FL (AT 10.6<br>nicrons) | 35.00<br>33.96 | 8 |    | Edmun          | d  | Optic      | ;S® |
|----------------------------------------------------|----------------|---|----|----------------|----|------------|-----|
| iiCrorisj                                          | 1              |   | 10 | 7mm Dia v 25mm | ЕІ | Upposted 7 |     |

THIRD ANGLE PROJECTION 112.7mm Dia. x 35mm FL, Uncoated, ZnSe Plano-Convex Lens

ALL DIMS IN mm DWG NO 39525 SHEET 1 OF 1