



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 (3000-12000nm)
S1 & S2: R(AVG) ≤3.0% @ 3 - 12µm

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
6. WAVELENGTH RANGE: 600 - 1800nm
7. SURFACE ROUGHNESS: <50 Å
8. ROHS: COMPLIANT



**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 | 210.400 | INFINITY | EFL (AT 10.6 microns) | 150.00 | | | | |
| SURFACE QUALITY | 40-20 | 40-20 | BFL (AT 10.6 microns) | 148.34 |  | | | |
| 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 | ALL DIMS IN | mm | DWG NO | 11433 | SHEET 1 OF 1 | |

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