

NOTES:

1. SUBSTRATE:  
N-BK7

2. COATING (APPLY ACROSS COATING APERTURE)  
S1: Protected Aluminum (400-2000nm)  
R(AVG) >85% @ 400 - 700nm  
R(AVG) >90% @ 400 - 2000nm

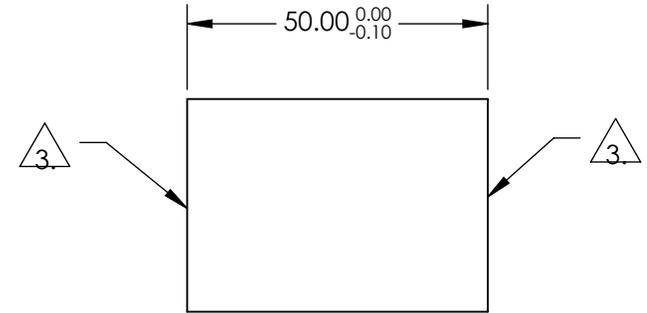
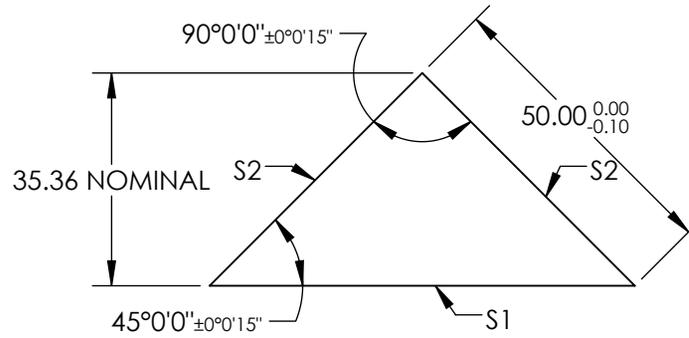
DAMAGE THRESHOLD,  
TYPICAL: 0.3 J/cm<sup>2</sup> @ 10ns @ 532nm & 1064nm

S2: VIS 0°  
R(AVG) ≤0.4% @ 425 - 675nm

DAMAGE THRESHOLD,  
TYPICAL: 5 J/cm<sup>2</sup> @ 10ns @ 532nm

3. FINE GRIND SURFACE

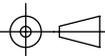
4. RoHS COMPLIANT



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

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

| REV. A           | S1                   | S2                   |
|------------------|----------------------|----------------------|
| SHAPE            | PLANO                | PLANO                |
| SURFACE QUALITY  | 40-20                | 40-20                |
| CLEAR APERTURE   | 63.64 x 45.00        | 45.00 x 45.00        |
| COATING APERTURE | 63.64 x 45.00        | 45.00 x 45.00        |
| SURFACE FLATNESS | λ/8                  | λ/8                  |
| BEVEL            | PROTECTIVE AS NEEDED | PROTECTIVE AS NEEDED |

THIRD ANGLE PROJECTION 

ALL DIMS IN mm

**EO**® Edmund Optics®

|        |   |       |        |
|--------|---|-------|--------|
| TITLE  | 50mm, AL & VIS 0° Coated, N-BK7 High Tolerance RA Prism |       |        |
| DWG NO | 65932   | SHEET | 1 OF 1 |