

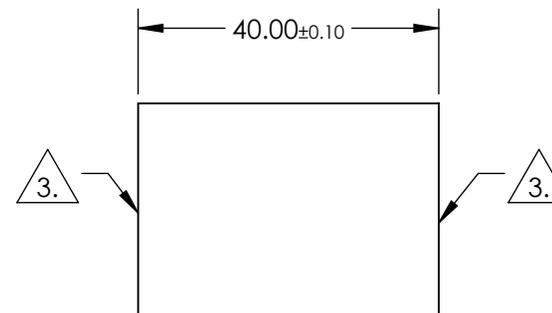
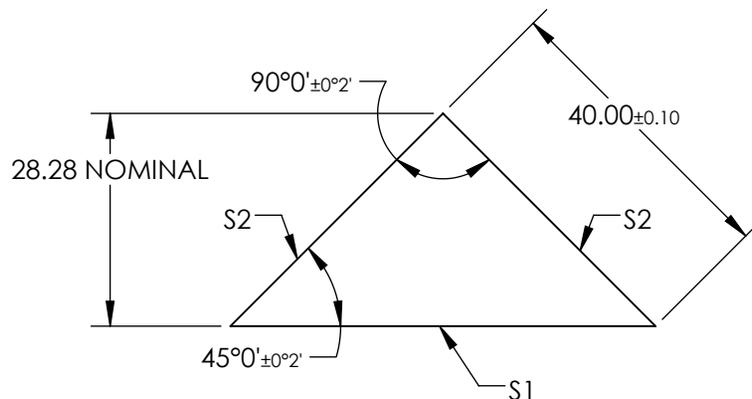
NOTES:

1. SUBSTRATE:  
N-BK7
2. COATING (APPLY ACROSS COATING APERTURE)  
S1: ALUMINUM WITH PROTECTIVE OVERCOAT W/ BLACK OVERPAINT  
R(AVG) > 85% FROM 400-700nm @ 45° AOI  
R(AVG) > 90% FROM 400-2,000nm @ 45° AOI  
  
S2: ¼ WAVE MgF2 @ 550nm  
R(AVG) < 1.75% FROM 400-700nm (N-BK7)

3. FINE GRIND SURFACE

4. RoHS COMPLIANT

5. TYPICAL ENERGY DENSITY: 0.3 J/cm<sup>2</sup> @ 532nm & 1064nm, 10ns



**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	60-40	60-40
CLEAR APERTURE	50.94 x 36.00	36.00 x 36.00
COATING APERTURE	50.94 x 36.00	36.00 x 36.00
SURFACE FLATNESS	λ/4	λ/4
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE  
PROJECTION



ALL DIMS IN

mm

**EO**® Edmund Optics®

TITLE

40mm, ALUMINUM MgF2 COATED, N-BK7  
RIGHT ANGLE PRISM

DWG NO

45395

SHEET  
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