

NOTES:

1. SUBSTRATE : FUSED SILICA

2. COATING (APPLY ACROSS CLEAR APERTURE)

S1: ALUMINIZED

R(avg) >85% @ 400 - 700nm W/BLACK OVERPAINT

0.3 J/cm² @ 532 & 1064nm, 10ns

S2: UV-VIS

R(avg) ≤1.5% @ 250 - 700nm

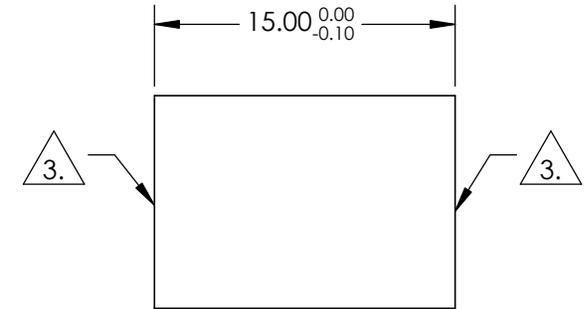
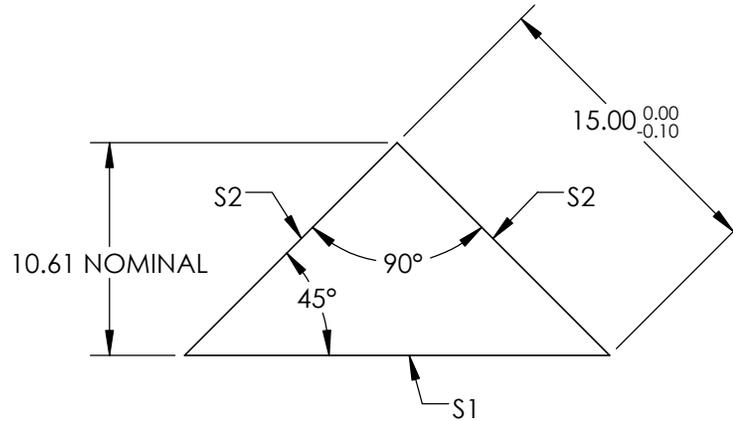
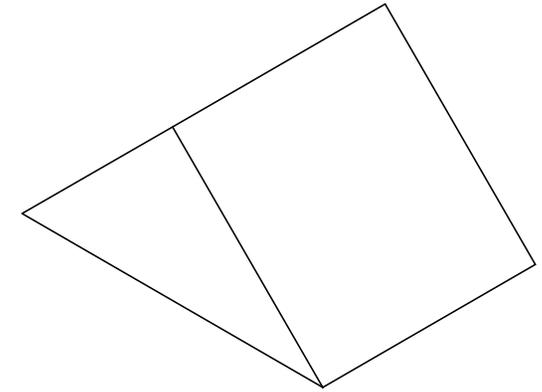
R(abs) ≤1.0% @ 350 - 450nm

3 J/cm² @ 355nm, 10ns

5 J/cm² @ 532nm, 10ns

3. FINE GRIND SURFACE

4. RoHS COMPLIANT

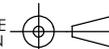


**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	S1	S2
SHAPE	PLANO	PLANO
ANGLE TOLERANCE (arcsec)	±40	±40
PYRAMID TOLERANCE (arcmin)	±1	±1
SURFACE QUALITY	20-10	20-10
SURFACE FLATNESS	λ/10	λ/10
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION



ALL DIMS IN

mm



TITLE	DWG NO	SHEET 1 OF 1
15mm ALUMINUM & UV-VIS, FUSED SILICA HIGH TOLERANCE RA PRISM	47803	