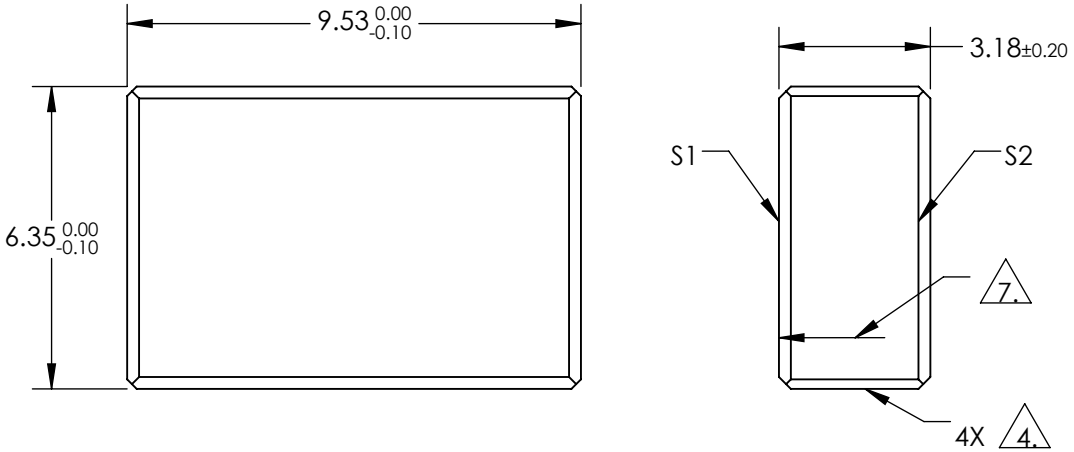
NOTES:

1. SUBSTRATE:
   Fused Silica
2. SURFACE S1 TO BE PARALLEL TO SURFACE S2 TO WITHIN <3 ARCMINS
3. COATING (APPLY ACROSS COATING APERTURE)

   S1: R(ABS) >99.8% @ 355nm
   R(ABS) >99.5% @ 351 - 358nm
   DAMAGE THRESHOLD,
   PULSED: 6 J/cm² @ 355nm, 20ns, 20Hz
   CW: 1 MW/cm² @ 355nm

   S2: NONE

4. FINE GROUND SURFACE
5. CLEAR APERTURE AND COATING APERTURE ARE CENTERED ON SURFACE
6. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE
7. ARROW ON EDGE WITH LASER ETCH, PENCIL, OR PERMANENT INK POINTS TOWARDS SURFACE S1



FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	10-5	COMMERCIAL POLISH
SURFACE FLATNESS	0.10 WAVE	N/A
MIN CLEAR APERTURE	5.40 x 8.10	N/A
MIN COATNG APERTURE	5.40 x 8.10	N/A
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION

ALL DIMS IN mm

Edmund Optics®

TITLE: 6.35 x 9.53mm 355nm 45°, Nd:YAG Laser Line Mirror

DWG NO: 39615

SHEET 1 OF 1