NOTES:

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

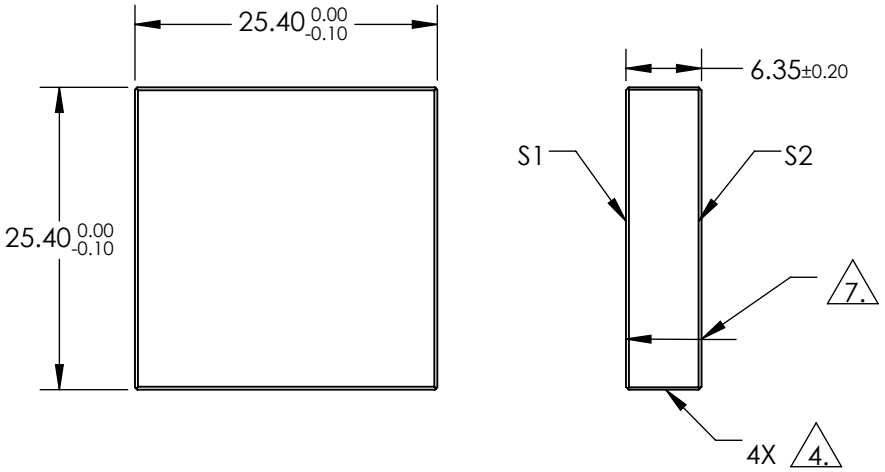
   S1: R(ABS) >99.5% @ 266nm
   R(ABS) >99.5% @ 263 - 268nm
   DAMAGE THRESHOLD,
   PULSED: 2.5 J/cm² @ 266nm, 20ns, 20Hz
   CW: 1 MW/cm² @ 266nm

   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

	S1	S2
SHAPE	PLANO	PLANO
SURFACE QUALITY	10-5	COMMERCIAL POLISH
SURFACE FLATNESS	0.10 WAVE	N/A
MIN CLEAR APERTURE	21.59 x 21.59	N/A
MIN COATNG APERTURE	21.59 x 21.59	N/A
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

Edmund Optics®

THIRD ANGLE PROJECTION		TITLE	25.4 x 25.4mm 266nm 45°, Nd:YAG Laser Line Mirror	
ALL DIMS IN	mm	DWG NO	39583	SHEET 1 OF 1