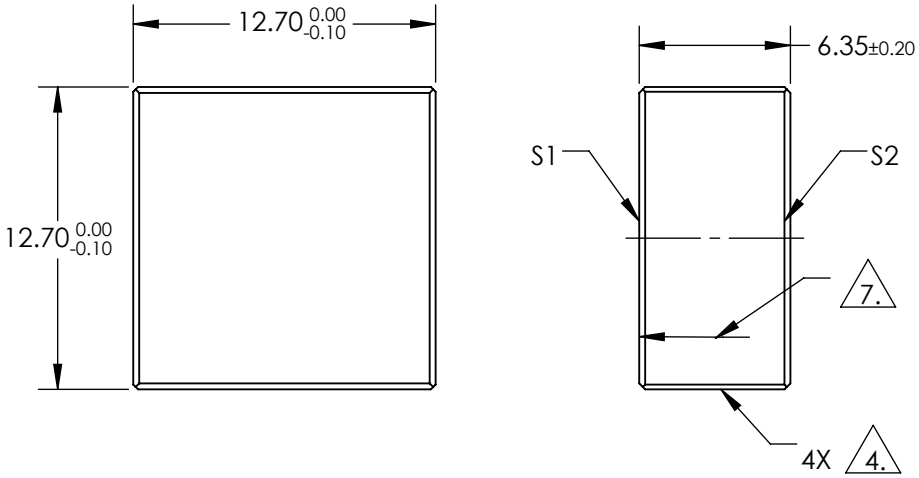
NOTES:

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% @ 343nm
   R(ABS) >99.5% @ 339 - 346nm
   DAMAGE THRESHOLD,
   PULSED: 6 J/cm² @ 343nm, 20ns, 20Hz
   CW: 1 MW/cm² @ 343nm

   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	10.80 x 10.80	N/A
MIN COATNG APERTURE	10.80 x 10.80	N/A
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

Edmund Optics®

THIRD ANGLE PROJECTION

TITLE: 12.7 x 12.7mm 343nm 45°, Yb:YAG Laser Line Mirror

ALL DIMS IN: mm

DWG NO: 39596

SHEET 1 OF 1