NOTES:
1. SUBSTRATE
FUSED SILICA (CORNING 7980)

2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN <3 ARCMIN

3. COATING (APPLY ACROSS COATING APERTURE):
S1: 266 HR Coating
R (ABS) > 99.8% @ 266nm @ 0-45° AOI

DAMAGE THRESHOLD,
PULSED: 2.0 J/cm² @ 266nm, 20ns, 20Hz
CW: 1MW/cm² @ 266nm

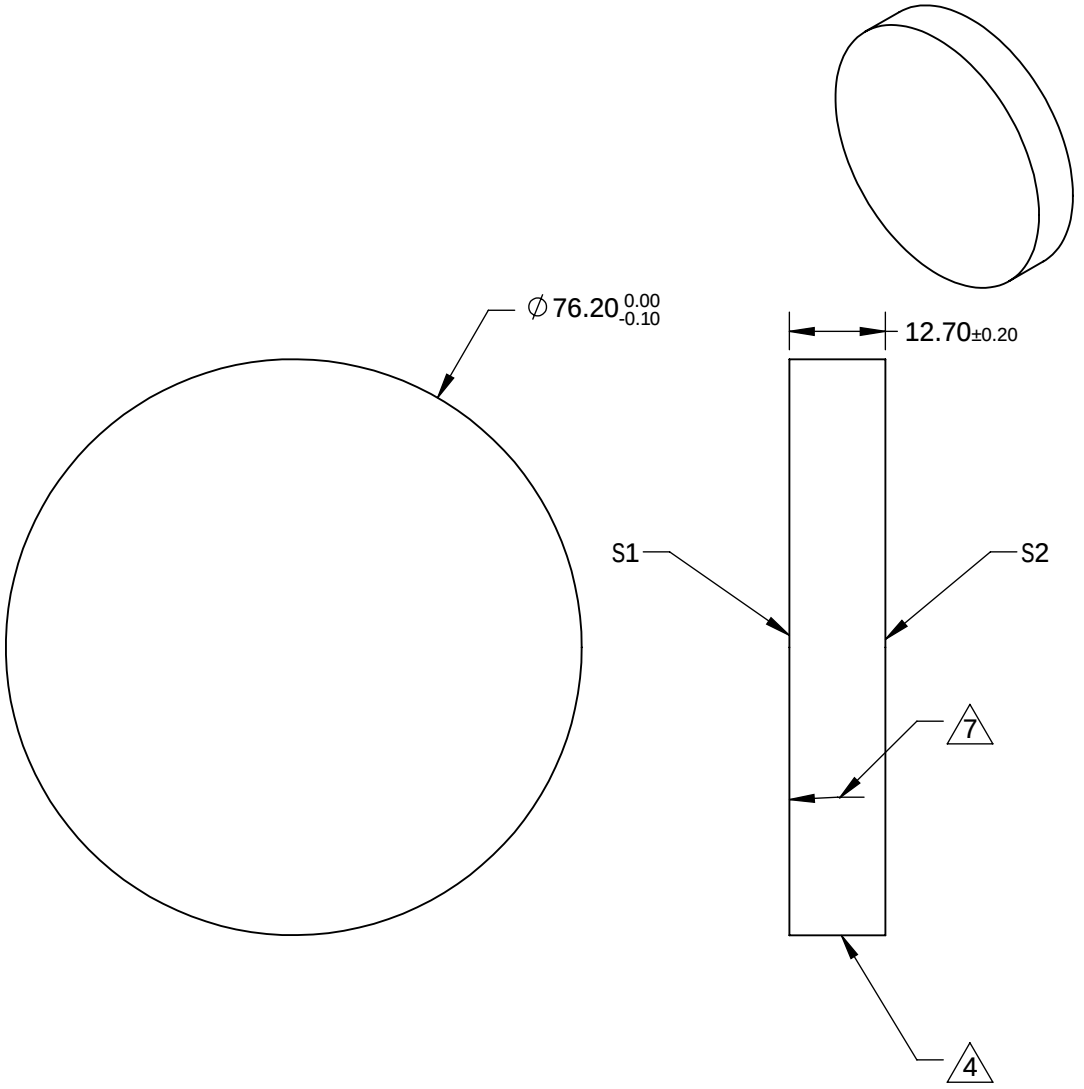
S2: NONE

4. FINE GRIND SURFACE

5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE

6. CLEAR APERTURE AND COATING APERTURE ARE CENTERED ON SURFACES

7. APPLY ARROW ON EDGE WITH LASER ETCH, PENCIL, OR PERMANENT INK POINTING TOWARDS SURFACE S1



FOR INFORMATION ONLY:
DO NOT MANUFACTURE PARTS TO THIS DRAWING

	S1	S2
SHAPE	PLANO	PLANO
SURFACE FLATNESS	λ/10	N/A
SURFACE QUALITY	10-5	COMMERCIAL POLISH
MINI CLEAR APERTURE	∅68.58	N/A
MINI COATING APERTURE	∅68.58	N/A
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

Edmund Optics®

THIRD ANGLE PROJECTION

TITLE: 76.2mm Dia. 266nm 0-45°, Nd:YAG Laser Line Mirror

ALL DIMS IN: mm

DWG NO: 20418

SHEET 1 OF 4