

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: 355 HR Coating
R (ABS) > 99.8% @ 355nm @ 0-45° AOI

DAMAGE THRESHOLD,
PULSED: 5.0 J/cm² @ 355nm, 20ns, 20Hz
CW: 1MW/cm² @ 355nm

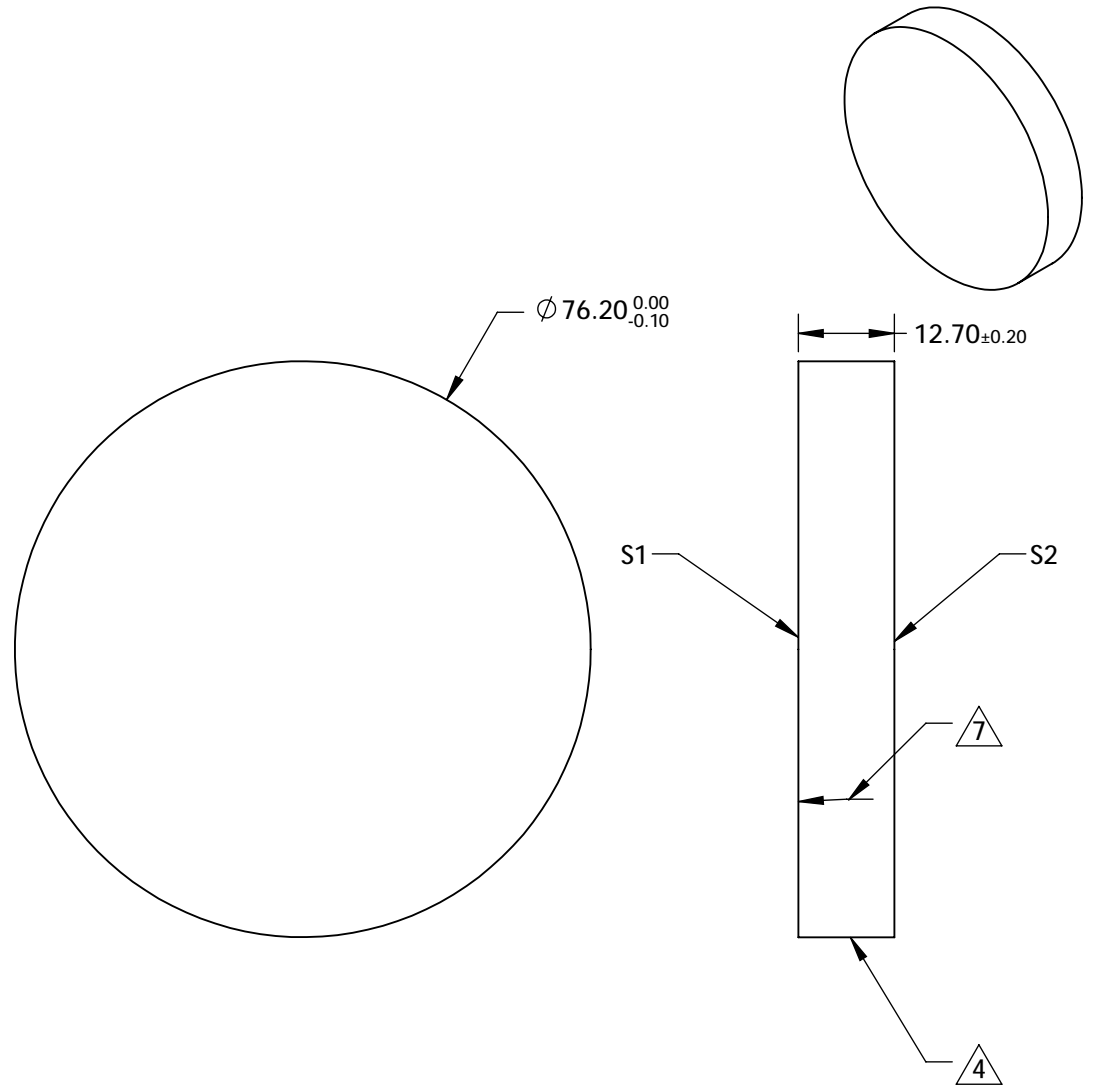
S2: NONE

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**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

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



ALL DIMS IN

mm

EO® Edmund Optics®

TITLE

76.2mm Dia. 355nm 0-45°, Nd:YAG Laser Line
Mirror

DWG NO

20420

SHEET
2 OF 4