

NOTES:

1. SUBSTRATE:

FUSED SILICA

2. S1 TO BE PARALLEL TO S2 TO WITHIN <3 ARMINIS

3. COATING (APPLY ACROSS CLEAR APERTURE)

S1: R(ABS) >99.8% @ 1030nm

DAMAGE THRESHOLD, BY DESIGN

15 J/cm<sup>2</sup> @ 1030nm, 20ns, 20Hz

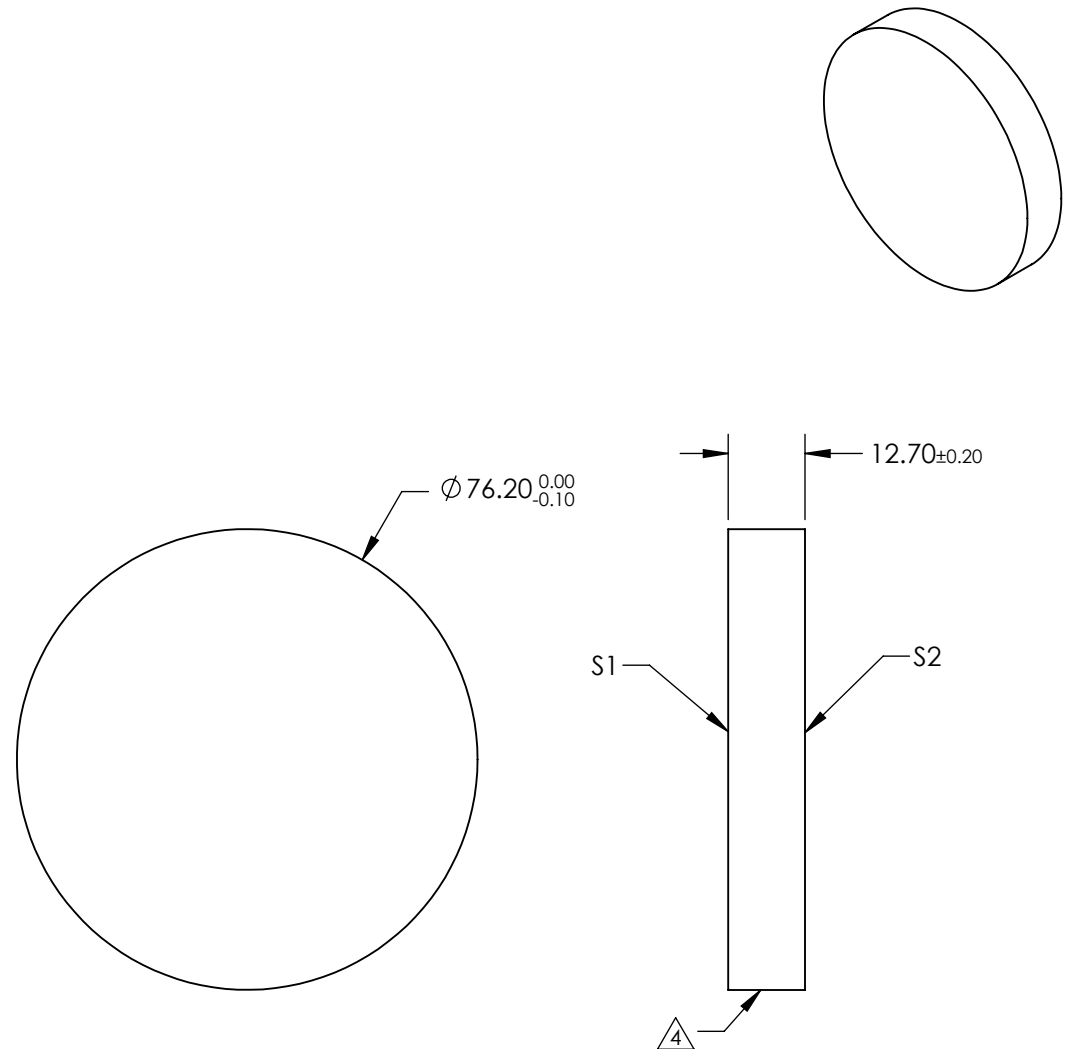
S2: NONE

4. FINE GRIND SURFACE

5. CLEAR APERTURE AND COATING APERTURE ARE CENTERED ON SURFACE

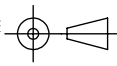
6. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY ACROSS CLEAR APERTURE

7. ROHS COMPLIANT



**FOR INFORMATION ONLY:  
DO NOT MANUFACTURE  
PARTS TO THIS DRAWING**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE  
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2	Edmund Optics®			
SHAPE	PLANO	PLANO				
SURFACE QUALITY	10 - 5	COMMERCIAL POLISH				
SURFACE FLATNESS	$\lambda/10$	N/A	TITLE 76.2mm Dia. 1030nm 0-45°, Yb:YAG Laser Line Mirror			
CLEAR APERTURE	$\varnothing 68.58$	N/A				
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED	ALL DIMS IN	mm	DWG NO 27036	SHEET 6 OF 9