

NOTES:

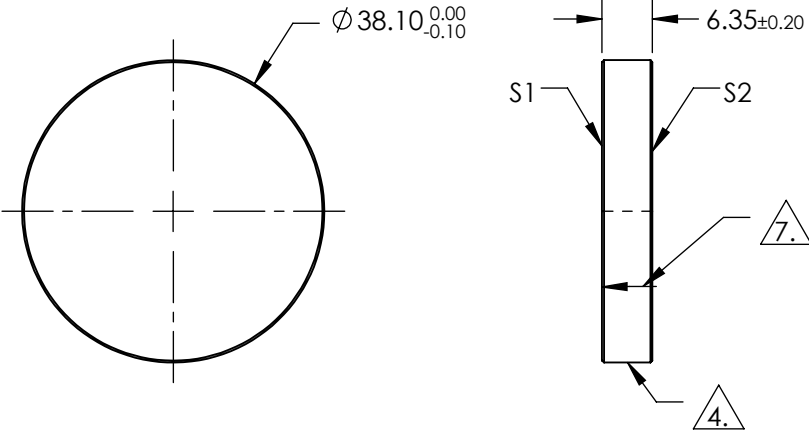
1. SUBSTRATE
FUSED SILICA
2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN <3 ARCMIN
3. COATING (APPLY ACROSS COATING APERTURE):

S1: 1064 HR Coating
R (ABS) > 99.80% @ 1064nm @ 45° AOI
R (AVG) > 99.5% @ 1046 - 1074nm @ 45° AOI

DAMAGE THRESHOLD,
PULSED: 20 J/cm², 20ns, 20Hz @ 1064nm
CW: 1MW/cm² @ 1064nm


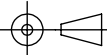
S2: NONE

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	 Edmund Optics®			
SURFACE QUALITY	10-5	COMMERCIAL POLISH				
SURFACE FLATNESS	0.10 WAVE	N/A		TITLE		
MIN CLEAR APERTURE	Ø34.29	N/A		Ø38.1mm x 6.35mm, 1064nm, NdYAG MIRROR 45° AOI		
MIN COATING APERTURE	Ø34.29	N/A				
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	34831
						SHEET 1 OF 1