

NOTES:

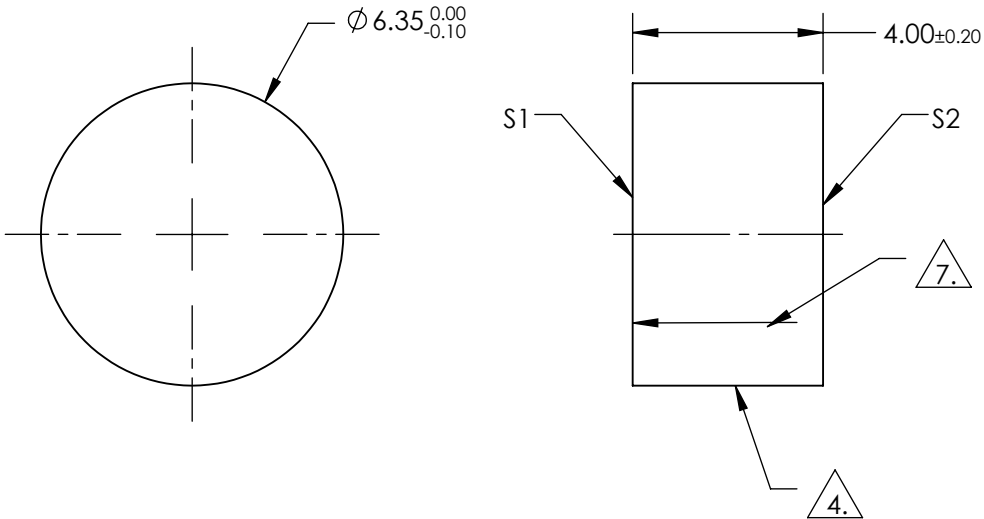
1. SUBSTRATE
FUSED SILICA
2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN <3 ARCMIN
3. COATING (APPLY ACROSS COATING APERTURE):

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


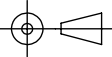
S2: NONE

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	Ø6.35mm x 4mm, 1064nm, NdYAG MIRROR 45° AOI	
MIN CLEAR APERTURE	Ø5.40	N/A				
MIN COATING APERTURE	Ø5.72	N/A				
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED	ALL DIMS IN	mm	DWG NO	38898
					SHEET 1 OF 1	