

NOTES:

- 1. SUBSTRATE:  
ZERODUR®
- 2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN 30 ARCSEC
- 3. COATING (APPLY ACROSS CLEAR APERTURE)  
S1: R(abs) > 99.80% @ 1030nm @ 45° AOI  
R(avg) > 99.5% @ 1020 - 1040nm @ 45° AOI

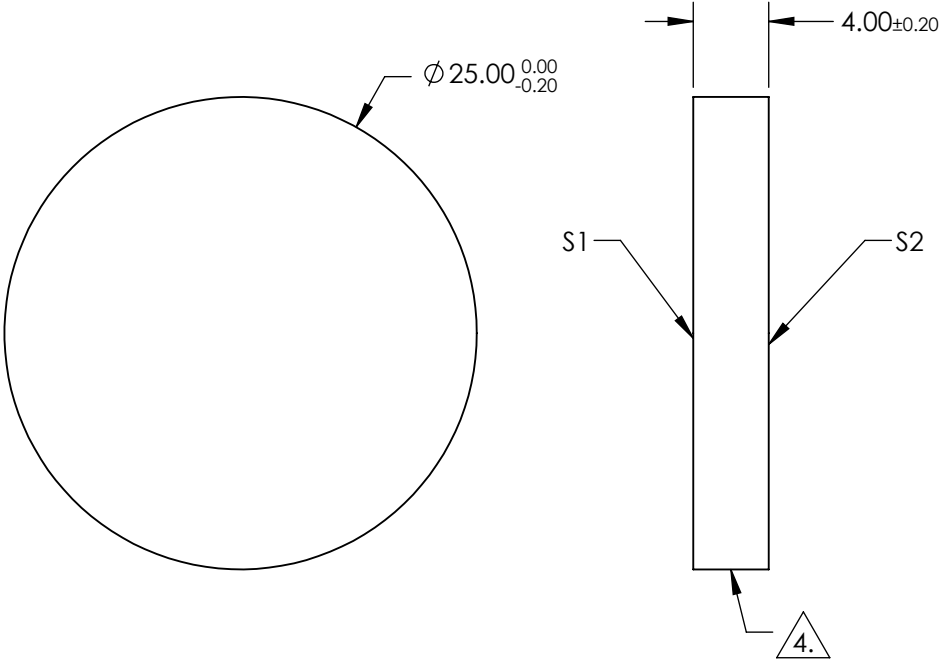
DAMAGE THRESHOLD, BY DESIGN:  
20 J/cm² @ 1030nm, 20ns, 20Hz

S2: NONE


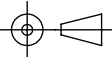
4. FINE GRIND SURFACE

- 5. POWER, IRREGULARITY, AND SURFACE QUALITY SPECIFICATIONS APPLY  
ACROSS CLEAR APERTURE
- 6. CLEAR APERTURE AND COATING APERTURE ARE CENTERED ON SURFACES

**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		TITLE	25mm Dia. 1030nm 45°, Yb:YAG Laser Line Mirror	
SURFACE QUALITY	20-10	COMMERCIAL POLISH				
CLEAR APERTURE	Ø 22.50	N/A	ALL DIMS IN	DWG NO	26897	SHEET 28 OF 86
COATING APERTURE	Ø 22.50	N/A				
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED	mm			