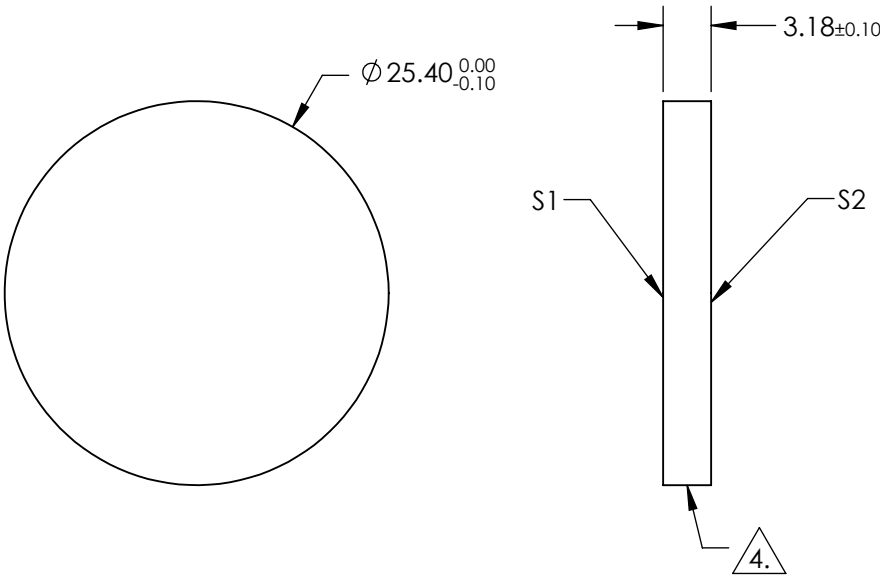
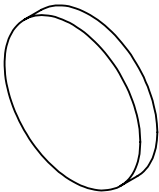


NOTES:

1. SUBSTRATE:  
FUSED SILICA
2. SURFACE S2 TO BE PARALLEL TO S1 TO WITHIN <3 ARCMIN
3. COATING (APPLY ACROSS CLEAR APERTURE)  
S1: R(abs): >99% @ 532nm  
R(abs): >99% @ 1064nm  
T(abs): >70% @ 266nm  
  
S2: R(abs): <1.0% @ 266nm
- DAMAGE THRESHOLD, PULSED:  
S1: 1 J/cm<sup>2</sup> @ 266nm, 20ns, 20Hz  
5 J/cm<sup>2</sup> @ 532nm, 20ns, 20Hz  
7.5 J/cm<sup>2</sup> @ 1064nm, 20ns, 20Hz  
  
S2: 1 J/cm<sup>2</sup> @ 20ns, 20Hz @ 266nm



4. FINE GRIND SURFACE

5. 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			25.4mm Dia., 266nm T, 532 & 1064nm R 45° Thin Harmonic Separator		
SURFACE QUALITY	10 - 5	COMMERCIAL POLISH					
CLEAR APERTURE	Ø22.86	N/A	THIRD ANGLE PROJECTION		TITLE		
SURFACE FLATNESS	λ/10	N/A			DWG NO	29050	SHEET 69 OF 86
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED	ALL DIMS IN	mm			