

NOTES:

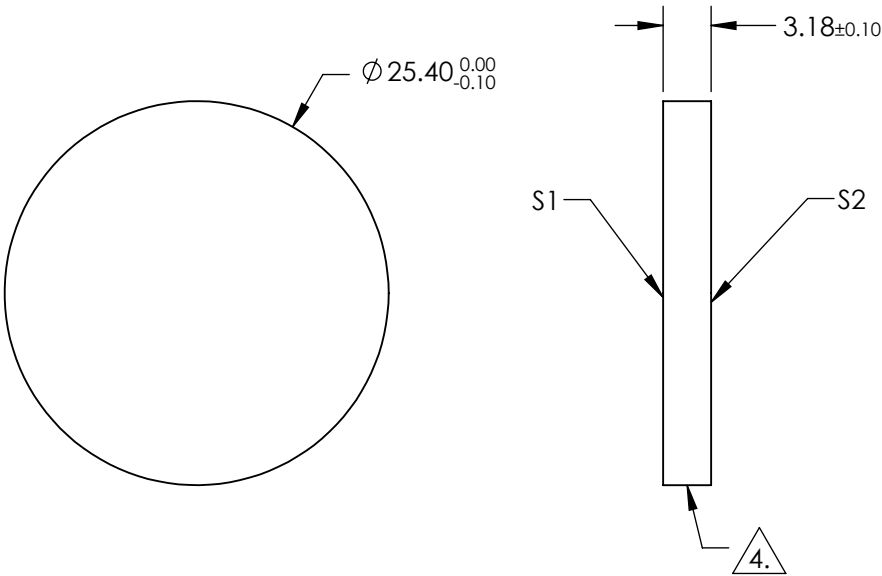
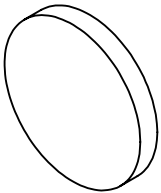
- 1. SUBSTRATE:
FUSED SILICA
- 2. SUFRACE S2 TO BE PARALLEL TO S1 TO WITHIN <3 ARCMIN
- 3. COATING (APPLY ACROSS CLEAR APERTURE)
S1: R(abs): >99% @ 1064nm
T(abs): >95% @ 532nm

S2: R(abs): <0.5% @ 532nm

DAMAGE THRESHOLD,PULSED:
S1: 7.5 J/cm² @ 1064nm, 20ns, 20Hz
7.5 J/cm² @ 532nm, 20ns, 20Hz


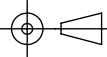
S2: 10 J/cm² @ 532nm, 20ns, 20Hz

- 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		TITLE	25.4mm Dia., 532nm T, 1064nm R 45° Thin Harmonic Separator	
SURFACE QUALITY	10 - 5	COMMERCIAL POLISH				
CLEAR APERTURE	Ø 22.86	N/A	ALL DIMS IN	DWG NO	29055	SHEET 74 OF 86
SURFACE FLATNESS	λ/10	N/A				
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED	mm			