

NOTES:

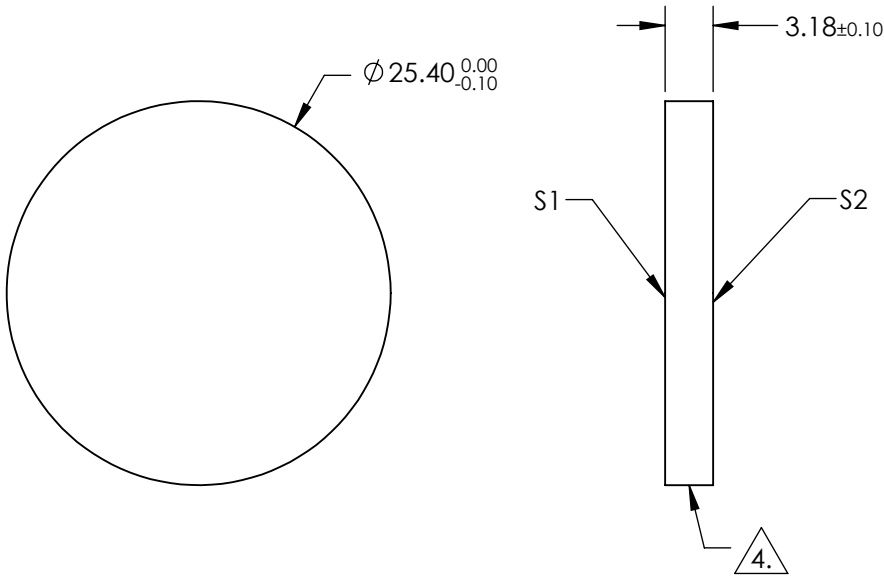
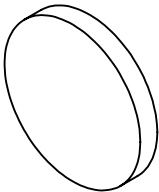
1. SUBSTRATE:
FUSED SILICA
2. SUFRACE S2 TO BE PARALLEL TO S1 TO WITHIN <3 ARCMIN
3. COATING (APPLY ACROSS CLEAR APERTURE)
S1: R(abs): >95% @ 266nm
T(abs): >98% @ 532nm
T(abs): >98% @ 1064nm
- S2: R(abs): <1.0% @ 532nm
R(abs) <1.0% @ 1064nm

DAMAGE THRESHOLD,PULSED:
S1: 1 J/cm² @ 266nm, 20ns, 20Hz
5 J/cm² @ 532nm, 20ns, 20Hz
7.5 J/cm² @ 1064nm, 20ns, 20Hz

S2: 10 J/cm² @ 20ns, 20Hz @ 532nm
15 J/cm² @ 20ns, 20Hz @ 1064nm


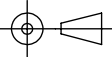
4. FINE GRIND SURFACE

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., 532 & 1064nm T, 266nm R 45° Thin Harmonic Separator	
SURFACE QUALITY	10 - 5	COMMERCIAL POLISH		DWG NO	29039	SHEET 58 OF 86
CLEAR APERTURE	Ø 22.86	N/A				
SURFACE FLATNESS	λ/10	N/A				
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED	ALL DIMS IN mm			