

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% @ 355nm
T(abs): >95% @ 532nm

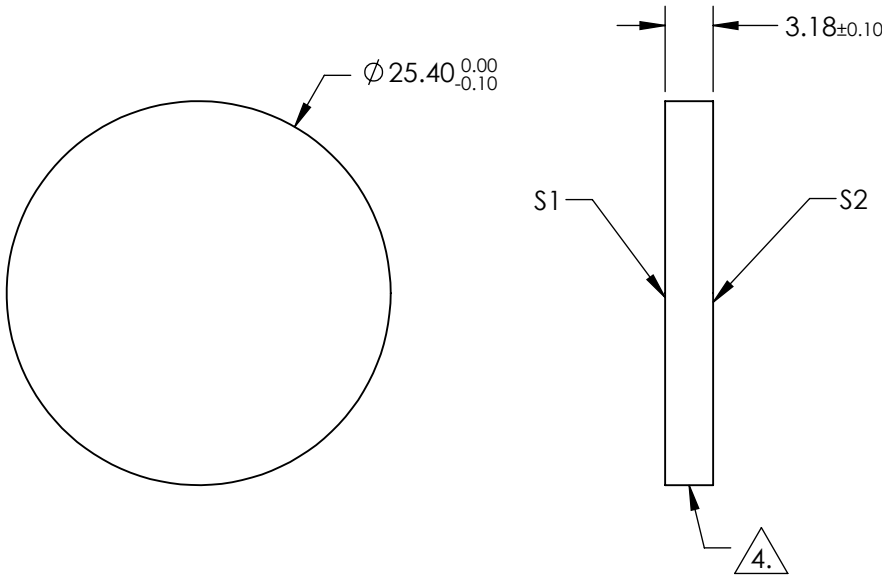
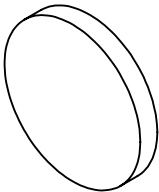
S2: R(abs): <0.5% @ 532nm

DAMAGE THRESHOLD,PULSED:
S1: 2.5 J/cm² @ 355nm, 20ns, 20Hz
5 J/cm² @ 532nm, 20ns, 20Hz
7.5 J/cm² @ 1064nm, 20ns, 20Hz

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


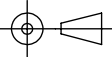
4. FINE GRIND SURFACE

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., 532 & 1064nm T, 355nm R 45° Thin Harmonic Separator	
SURFACE QUALITY	10 - 5	COMMERCIAL POLISH		DWG NO	29045	
CLEAR APERTURE	$\phi 22.86$	N/A				
SURFACE FLATNESS	$\lambda/10$	N/A				
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED	ALL DIMS IN	mm	SHEET 64 OF 86	