

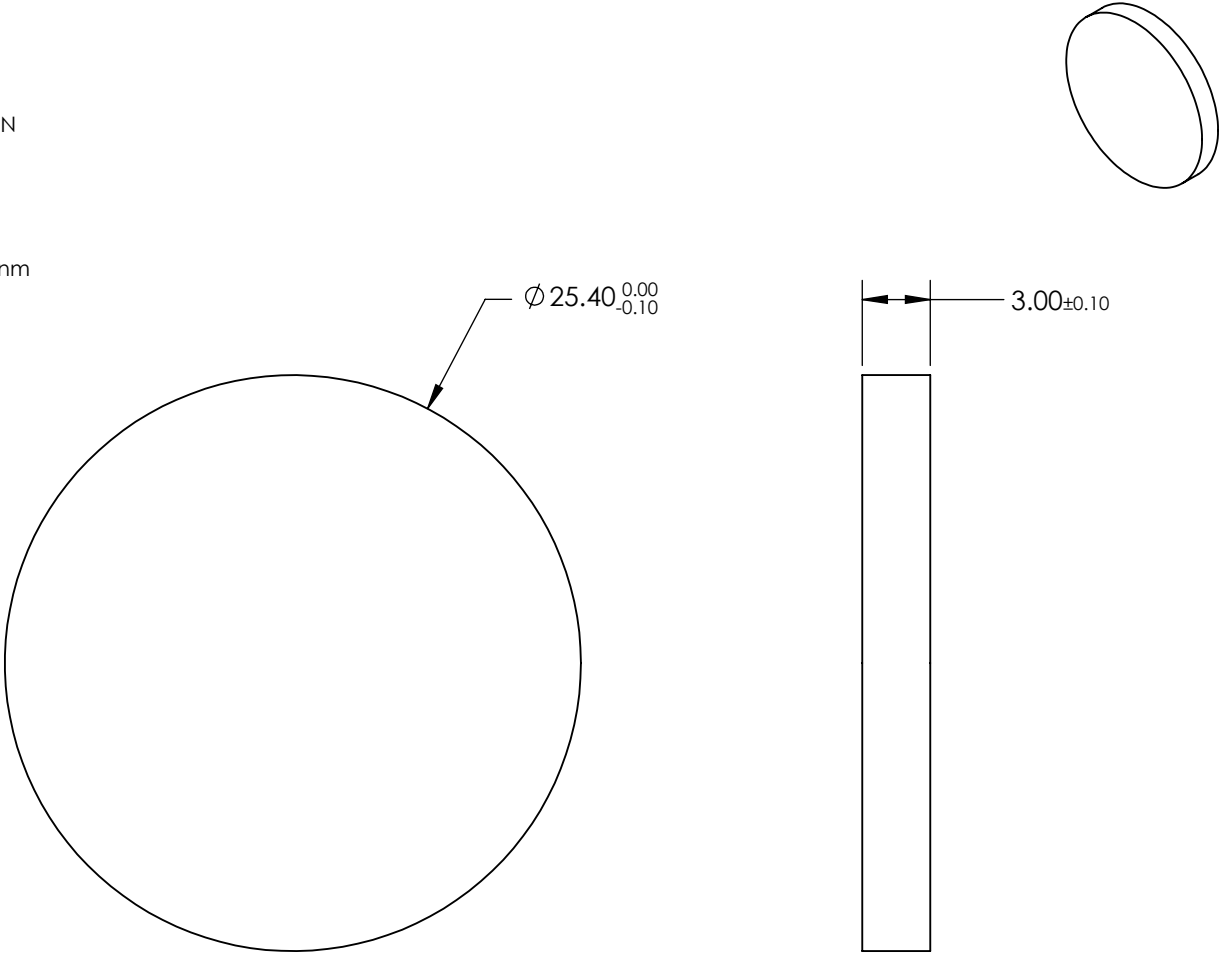
NOTES:

- 1. SUBSTRATE:
FUSED SILICA
- 2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN <3 ARCMIN
- 3. COATING (APPLY ACROSS COATING APERTURE)
@ 0° ANGLE OF INCIDENCE

Surface 1: Ravg >98% @ 258 - 272nm Tavg >98% @ 700 - 900nm
Surface 2: Ravg <1% @ 700 - 900nm

GDD: Surface 1: 0±20fs2 @ 258 - 272nm


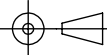
- 4. FINE GRIND SURFACE
- 5. REFLECTION WAVELENGTH: 266nm
TRANSMISSION WAVELENGTH: 800nm
- 6. WAVEFRONT DISTORTION: $\lambda/10$ @ 632.8nm



**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

	S1	S2
SHAPE	PLANO	PLANO
SURFACE FLATNESS	$\lambda/8$	$\lambda/8$
SURFACE QUALITY	10-5	10-5
CLEAR APERTURE	Ø 21.59	Ø 21.59
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED

 Edmund Optics®			
THIRD ANGLE PROJECTION 		TITLE	25.4mm DIA., 800nm T, 266nm R 0DEG Ti:Sapphire Ultrafast Harmonic Separator
ALL DIMS IN	mm	DWG NO	22676
			SHEET 1 OF 4