

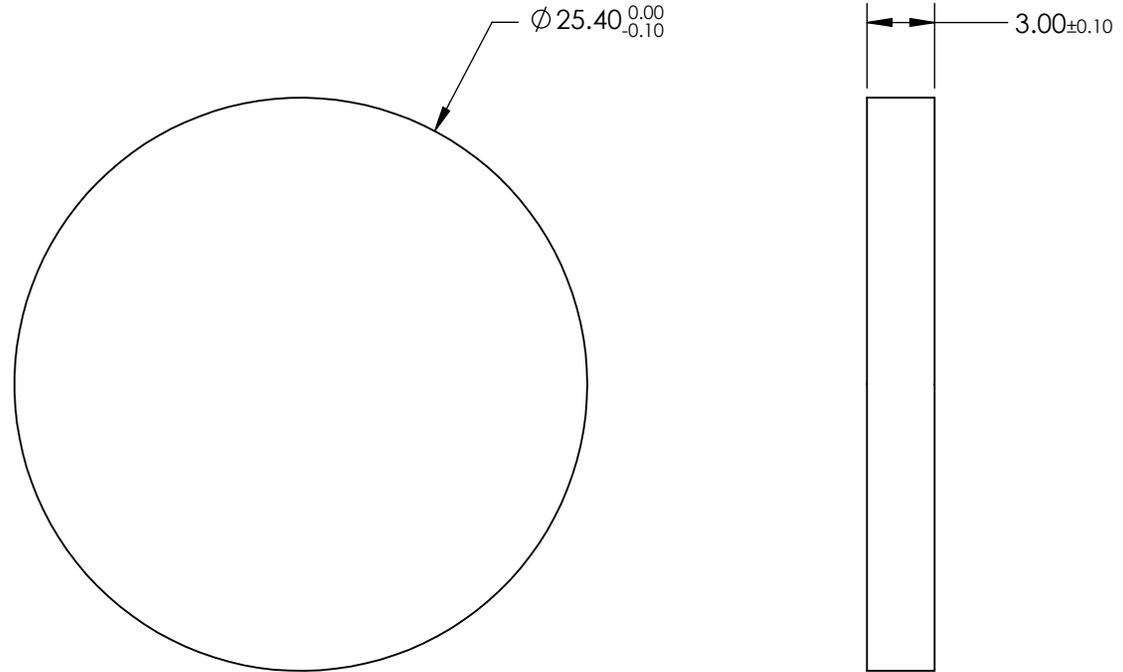
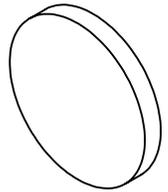
NOTES:

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 >99% @ 323 - 354nm Tavg >98% @ 1000 - 1090nm
 Surface 2: Ravg <0.8% @ 1000 - 1090nm

GDD: Surface 1: 0±20fs2 @ 323 - 354nm

4. FINE GRIND SURFACE
5. REFLECTION WAVELENGTH: 343nm
TRANSMISSION WAVELENGTH: 1030nm
6. WAVEFRONT DISTORTION: λ/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	λ/8	λ/8
SURFACE QUALITY	10-5	10-5
CLEAR APERTURE	Ø 21.59	Ø 21.59
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED



ALL DIMS IN mm

EO® Edmund Optics®

TITLE	25.4mm DIA., 1030nm T, 343nm R 0DEG Yb:Doped Ultrafast Harmonic Separator
DWG NO	22677
SHEET 2 OF 4	