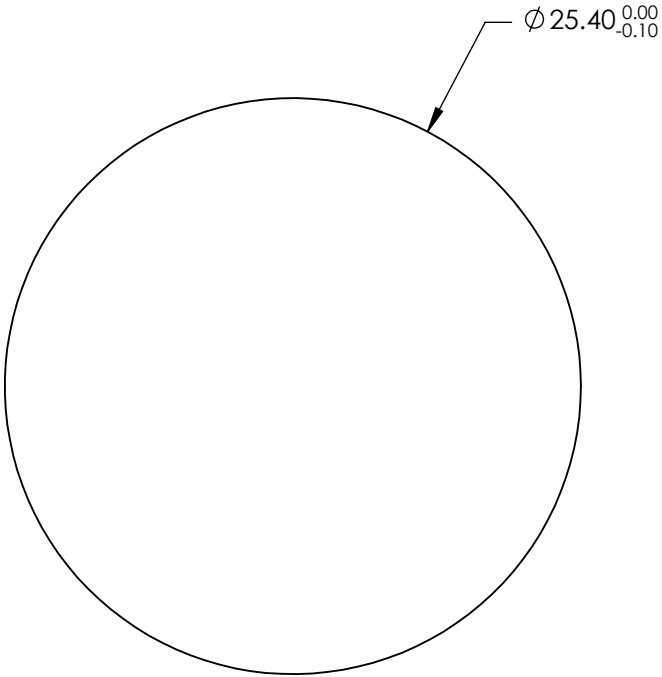
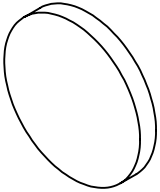


NOTES:

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: $\lambda/10$ @ 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	$\varnothing 21.59$	$\varnothing 21.59$
BEVEL	PROTECTED AS NEEDED	PROTECTED AS NEEDED

EO® Edmund Optics®



ALL DIMS IN

mm

TITLE

25.4mm DIA., 1030nm T, 343nm R 0DEG
Yb:Doped Ultrafast Harmonic Separator

DWG NO

22677

SHEET
2 OF 4