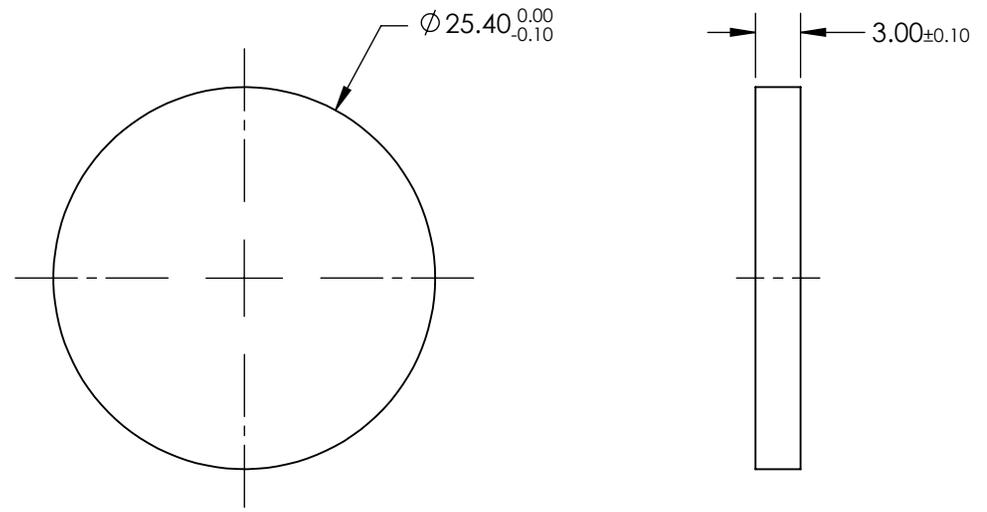


NOTES:

1. SUBSTRATE:  
FUSED SILICA
2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN <3 ARCMIN
3. COATING (APPLY ACROSS COATING APERTURE)  
@ 45° ANGLE OF INCIDENCE

S1. R(AVG) >99% @ 323 - 354nm  
 T(AVG) >98% @ 1000 - 1090nm  
 GDD: ±20fs<sup>2</sup> @ 323 - 354nm  
 S2. R(AVG) <0.8% @ 1000 - 1090nm

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	.125 WAVES	.125 WAVES
SURFACE QUALITY	10-5	10-5
CLEAR APERTURE	Ø20.32	Ø20.32
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED



ALL DIMS IN mm

TITLE	25.4mm Dia., 1030nm T, 343nm R Yb:doped Ultrafast Harmonic Separator
DWG NO	12664
SHEET	1 OF 1