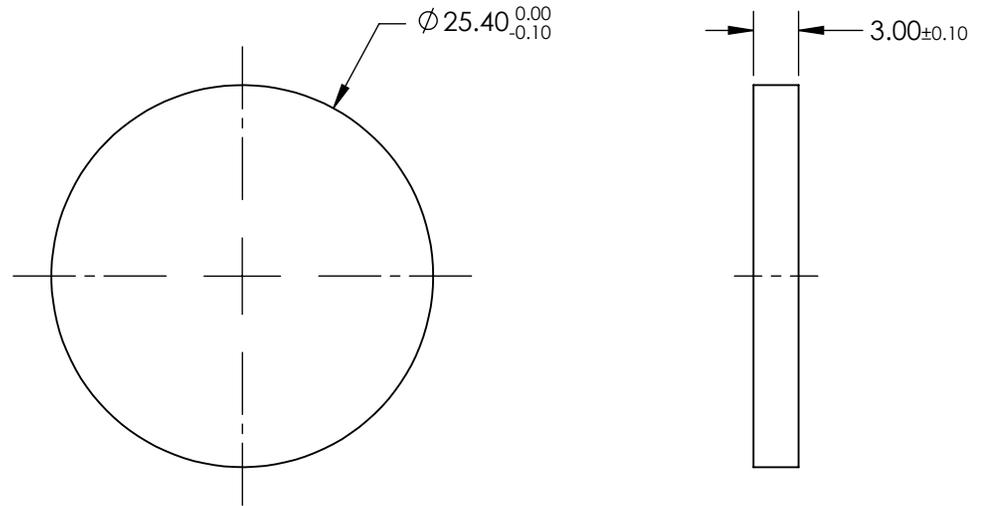


NOTES:

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) >98% @ 258 - 272nm  
 T(AVG) >98% @ 700 - 900nm  
 GDD: ±20fs<sup>2</sup> @ 258 - 272nm  
 S2. R(AVG) <1% @ 700 - 900nm

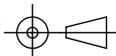
4. FINE GRIND SURFACE
5. REFLECTION WAVELENGTH: 266nm  
TRANSMISSION WAVELENGTH: 800nm
6. WAVEFRONT DISTORTION: λ/10 @ 632.8nm



**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

THIRD ANGLE PROJECTION 

ALL DIMS IN mm

 **Edmund Optics®**

TITLE: 25.4mm Dia., 800nm T, 266nm R Ti:sapphire Ultrafast Harmonic Separator

DWG NO: 12662

SHEET 1 OF 1