

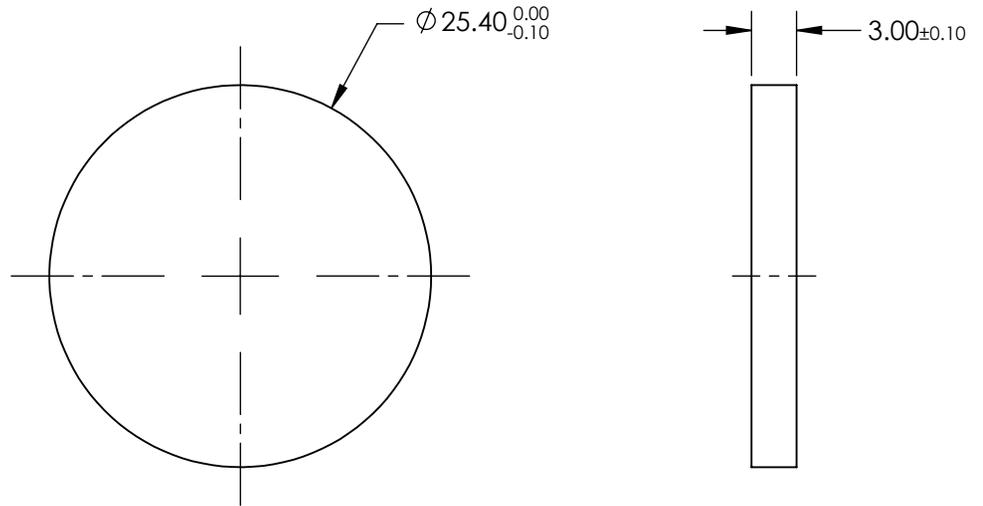
NOTES:

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) >99.5% @ 505 - 535nm
 T(AVG) >98% @ 1000 - 1090nm
 GDD: ±20fs² @ 505 - 535nm
 S2. R(AVG) <0.8% @ 1000 - 1090nm

4. FINE GRIND SURFACE

5. REFLECTION WAVELENGTH: 515nm
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

EO® **Edmund Optics**®

TITLE

25.4mm Dia., 1030nm T, 515nm R Yb:doped
 Ultrafast Harmonic Separator

DWG NO

12663

SHEET
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