

NOTES:

1. SUBSTRATE MATERIAL:
FUSED SILICA

2. COATING (APPLY ACROSS CLEAR APERTURE)

S1: Ultrafast Laser
R(AVG) >99% @ 1520 - 1580nm

GDD SPECIFICATION: $0 \pm 30\text{fs}^2$ @ 1520-1580nm

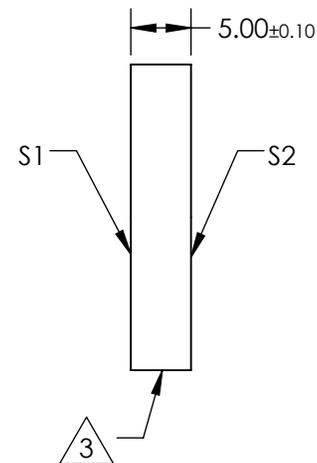
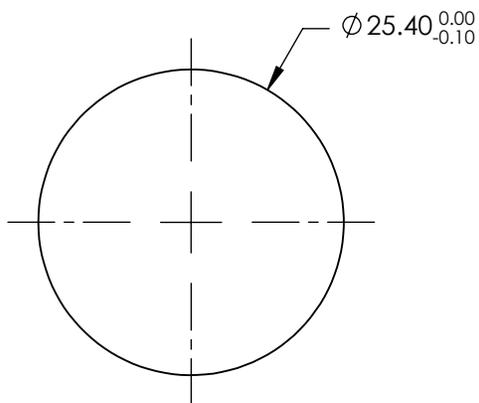
DAMAGE THRESHOLD:
1000-on-1: >0.25 J/cm², 100 fs, 100 Hz, @ 800 nm

S2: NONE

 FINE GROUND SURFACE

4. RoHS COMPLIANT

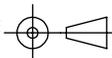
**FOR INFORMATION ONLY:
DO NOT MANUFACTURE
PARTS TO THIS DRAWING**



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	S1	S2
SHAPE	PLANO	PLANO
CLEAR APERTURE (%)	Ø22.86	N/A
SURFACE QUALITY	20-10	COMMERCIAL POLISH
SURFACE FLATNESS	$\lambda/8$	N/A
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE
PROJECTION



ALL DIMS IN

mm

 **Edmund Optics®**

TITLE

1520 - 1580nm, 25.4mm Dia. x 5.00mm
Thickness, Ultrafast Laser Line Mirror

DWG NO

85101

SHEET
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