NOTES:

1. SUBSTRATE:
   FUSED SILICA

2. CENTERING TOLERANCE:
   WEDGE: 10±5 ARCMIN

3. COATING (APPLY ACROSS COATING APERTURE)
   S1: ULTRAFAST (1000-1060nm)
   R(AVG) >99.8% @ 1000 - 1060nm (p-polarization)
   R(ABS) >99.9% @ 1030nm (typical, p-polarization)
   AT 5° AOI

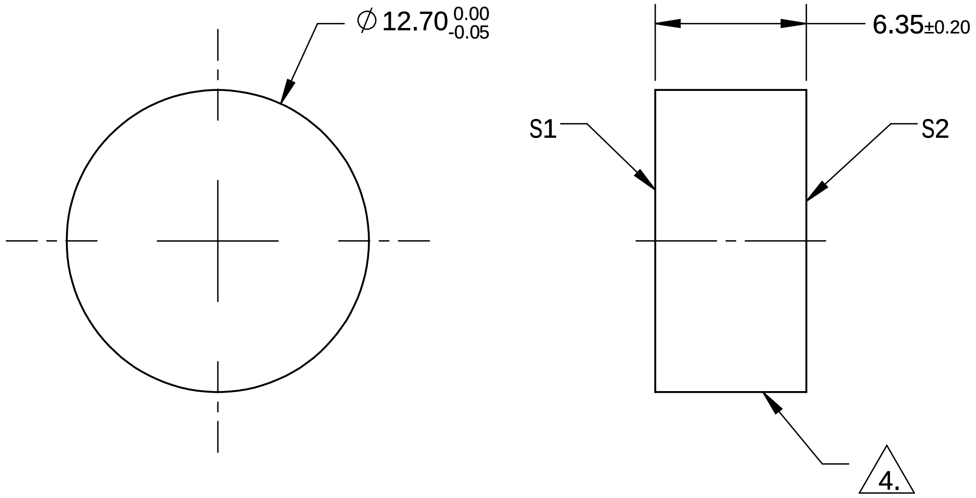
   S2: NONE

   GROUP DELAY DISPERSION: -500fs²@ 1000 -1060nm

   DAMAGE THRESHOLD: 0.3 J/cm² @ 1030nm, 50fs, 1kHz, 100µm BEAM DIAMETER

4. FINE GROUND SURFACE

5. RoHS COMPLIANT



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
CLEAR APERTURE	80%	N/A
IRREGULARITY (P-V) @ 632.8nm	λ/10	N/A
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

Edmund Optics®

THIRD ANGLE PROJECTION
TITLE: 12.7mm 5°, 1030nm HIGHLY-DISPERSIVE ULTRAFAST MIRROR
ALL DIMS IN: mm
DWG NO: 12332
SHEET: 1 OF 1