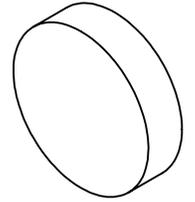


NOTES:

1. SUBSTRATE: FUSED SILICA
2. SURFACE S1 TO BE PARALLEL TO SURFACE S2 TO WITHIN < 10 ARCMIN
3. COATING (APPLY ACROSS COATING APERTURE)
 S1:R(AVG) > 99.8% @ 780 - 830nm @ 5° AOI (P-POLARIZATION)
 R(ABS) > 99.9% @ 800nm @ 5° AOI (TYPICAL, P-POLARIZATION)
 GDD = -1300 fs²

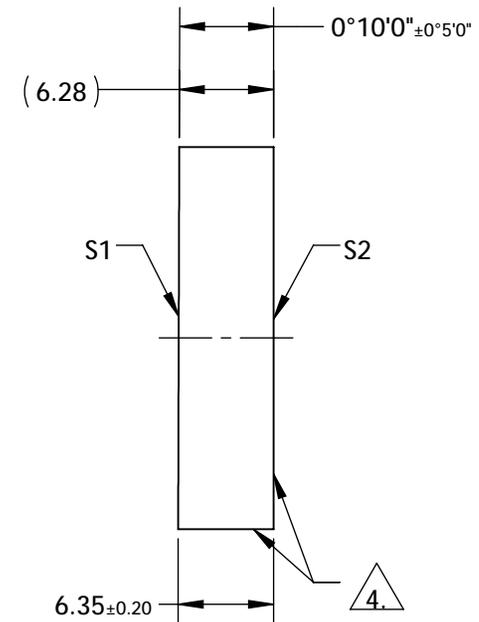
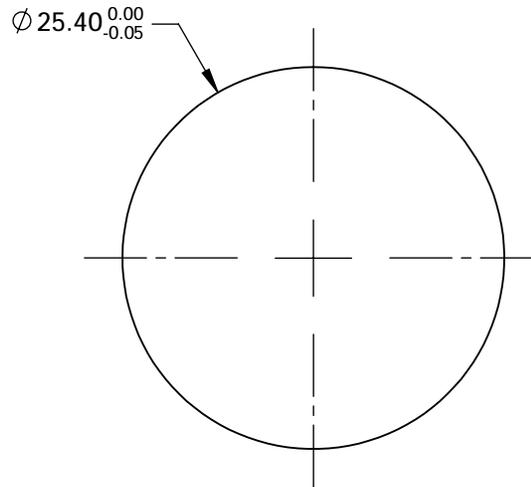
 S2: NONE

 DAMAGE THRESHOLD: 0.3 J/cm² @ 800nm, 50fs, 1kHz, 100µm BEAM DIAMETER



△ COMMERCIAL POLISHED 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
IRREGULARITY	λ/10	λ/10
CLEAR APERTURE	Ø20.32	Ø20.32
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED



ALL DIMS IN

mm

EO® Edmund Optics®

TITLE

25.4mm 5°, 800nm Highly-Dispersive Ultrafast Mirror

DWG NO

12331

SHEET
1 OF 1