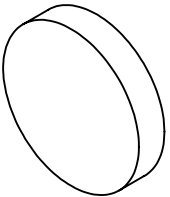


NOTES:

- 1. SUBSTRATE: FUSED SILICA
- 2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 TO WITHIN 5.0 ARCMIN
- 3. COATING (APPLY ACROSS COATING APERTURE)
S1: R(AVG)>99% @ 850-1150 nm @ 0° AOI
Rs>99% @ 800-1150 nm @ 45° AOI
Rp> 98.5 % @ ~850 – 1100 nm @ 45° AOI

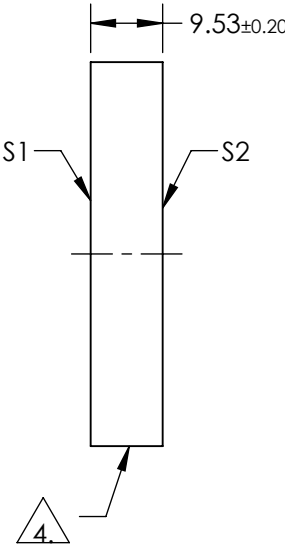
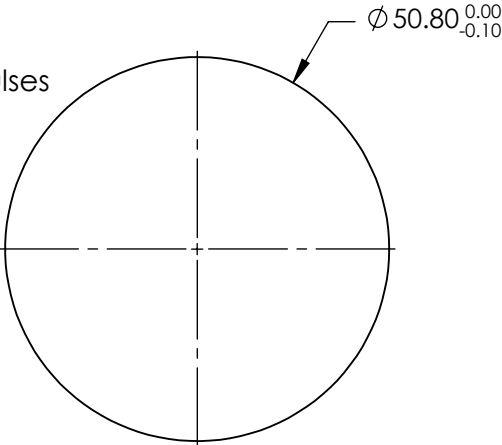
GDD: 0 ±30fs² @ 800 - 1150nm

S2: NONE



4. FINE GRIND SURFACE

- 5. Damage Threshold, Pulsed:
0.4 J/cm² @ 1030nm, 200fs, 1 pulse (typical)
0.18 J/cm² @ 1030nm, 200fs, 100Hz, 1000 pulses (typical)
- 6. 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
SURFACE QUALITY	10-5	COMMERCIAL POLISH
SURFACE FLATNESS	$\lambda/10$	N/A
CLEAR APERTURE	$\varnothing 40.64$	N/A
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED

THIRD ANGLE PROJECTION

ALL DIMS IN mm

 Edmund Optics®			
TITLE	800-1150nm, 50.8mm Dia., Ultrafast-Enhanced Silver Laser Mirror		
DWG NO	17266	SHEET 1 OF 1	