

NOTES:

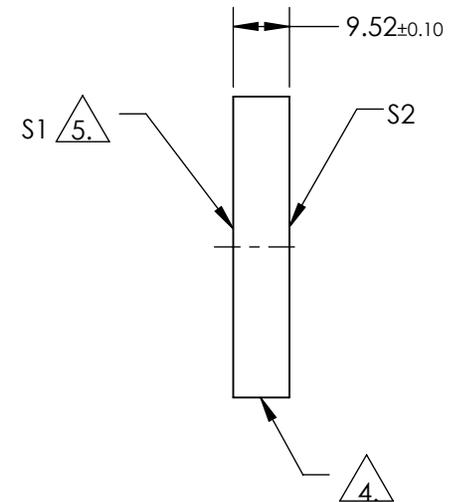
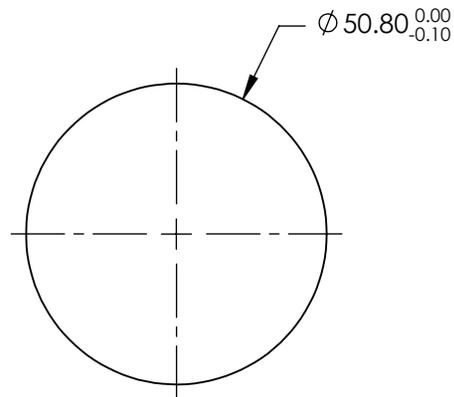
1. SUBSTRATE MATERIAL:
FUSED SILICA
2. SURFACE S2 TO BE PARALLEL TO SURFACE S1 <10 ARCSEC
3. COATING (APPLY ACROSS COATING APERTURE)
S1: ULTRAFAST LASER
Rs >99.95% @ 1000 - 1060nm
Rp >99.9% @ 1000 - 1060nm AT 45° AOI

DAMAGE THRESHOLD,
>0.1 J/cm2 @ 1030nm, 100fs

S2: STRESS COMPENSATING COATING

GROUP DELAY DISPERSION:
0 ±20fs2 @ 1000 - 1060nm

- 4. FINE GROUND SURFACE
- 5. SURFACE ROUGHNESS: RMS
- 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 FLATNESS	$\lambda/8$	N/A
SURFACE QUALITY	10-5	COMMERCIAL POLISH
CLEAR APERTURE (%)	>80	N/A
BEVEL	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED



ALL DIMS IN mm

EO® Edmund Optics®

TITLE	1000 - 1060nm, 50.8mm Dia., Ultrafast Mirror	
DWG NO	14847	SHEET 1 OF 1