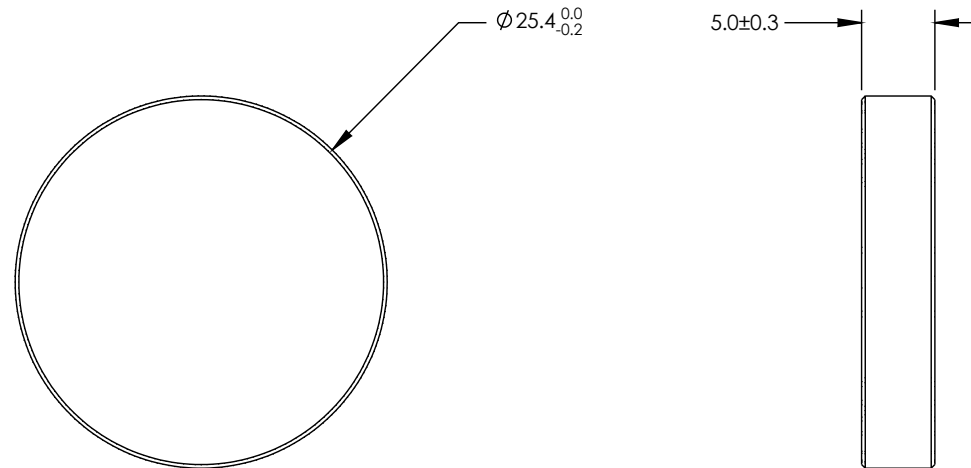




NOTES/SPECIFICATIONS:

- MATERIAL: UV GRADE FUSED SILICA PER MIL-G-174B
Nd: 1.458 ± 0.001 Vd: $67.8 \pm 1.0\%$
- MANUFACTURE PER MIL-PRF-13830B
- CHAMFER EDGES TO $0.25 \times 0.25 +0.25/-0.05$
- CLEAR APERTURE: >22.86 mm
- SURFACE QUALITY: 10-5 SCRATCH-DIG
- TRANSMITTED WAVEFRONT ERROR: $<\lambda/4$ AT 633nm
- SURFACE FLATNESS AT 633nm:
 $<\lambda/20$ OVER CENTRAL $\varnothing 10$ mm
 $<\lambda/10$ OVER CLEAR APERTURE
- PARALLELISM: ≤ 5 arcsec
- NO DEFECTS $> \varnothing 0.3$ mm OUTSIDE THE CLEAR APERTURE
- EACH LOT OF OPTICS PRODUCED REQUIRES TEST DATA
VERIFYING COMPLIANCE TO SPECIFICATIONS

DRAWING PROJECTION						
	NAME	DATE	D25.4mm, UVFS Polished Laser Window Blank, 5mm			
DRAWN	CWD	2022/5/18	WL4254-5-1			
APPROVAL	ZSB	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			UV GRADE FUSED SILICA		2:1	A