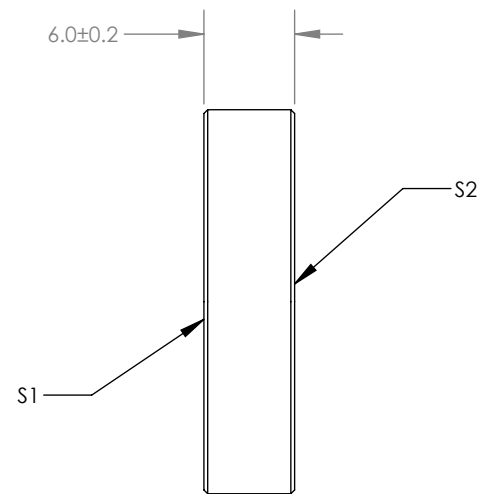
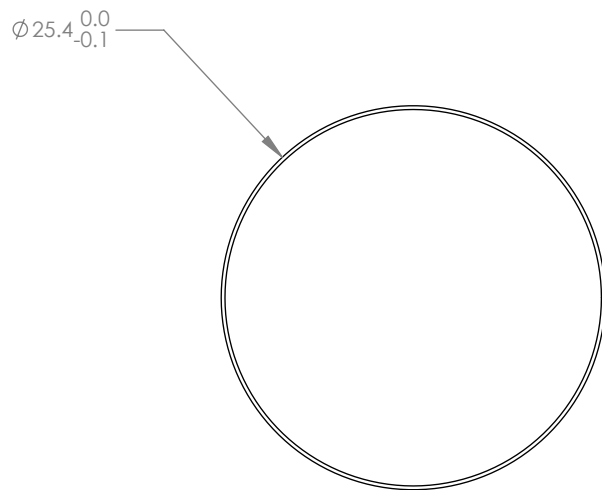




NOTES/SPECIFICATIONS:

1. MATERIAL: CORNING FUSED SILICA, SUBSTRATE GRADE, 2G OR JGS1 OR EQUIVALENT PER MIL-G-174B
Nd: 1.458±0.001 Vd: 67.821±1.0%
2. MANUFACTURE PER MIL-PRF-13830B EXCEPT:
MINIMUM ILLUMINATION SHALL BE 100 WATT BULB
MINIMUM MAGNIFICATION SHALL BE 6X
3. CHAMFER EDGES TO 0.25 x 0.25 mm +0.25/-0.05 mm
4. CLEAR APERTURE: ≥ Ø22.86 mm
5. SURFACE QUALITY (S1): 10-5 SCRATCH-DIG
6. SURFACE FLATNESS (S1): <λ/10 AT 633nm
(S2): UNIFORM FINE GRIND #12-20 GRIT
7. PARALLELISM: <3 arcmin
8. NO DEFECTS > Ø0.3 mm OUTSIDE OF THE CLEAR APERTURE

DRAWING PROJECTION						
	NAME	DATE	D25.4mm Fused Silica Blank Polish			
DRAWN	CWD	2022/5/18	BEM4254-1			
APPROVAL	ZSB	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			SEE NOTE		2:1	A