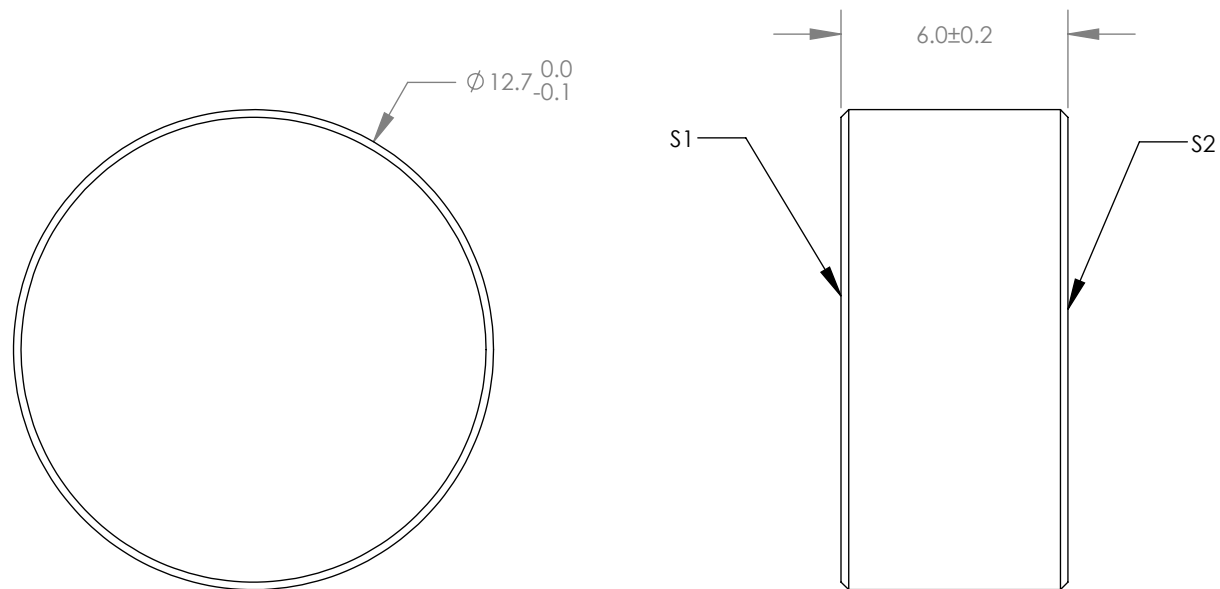




NOTES/SPECIFICATIONS:

1. MATERIAL: CORNING FUSED SILICA, SUBSTRATE GRADE, 2G OR EQUIVALENT PER MIL-G-174B
Nd: 1.458 ± 0.001 Vd: $67.821 \pm 1.0\%$
2. MANUFACTURE PER MIL-PRF-13830B EXCEPT
MINIMUM ILLUMINATION SHALL BE 100 WATT BULB
MINIMUM MAGNIFICATION SHALL BE 6X
CHAMFER EDGES TO $0.20 \times 0.20 +0.20/-0.05$
3. CLEAR APERTURE: $> \phi 11.4\text{mm}$
4. SURFACE QUALITY (S1): 10-5 SCRATCH-DIG
5. SURFACE FLATNESS (S1): $< \lambda/10$ AT 633nm
(S2): UNIFORM FINE GRIND #12-20 GRIT
6. PARALLELISM: $< 3\text{arcmin}$
7. NO CHIPS
8. EACH LOT OF OPTICS PRODUCED REQUIRES TEST DATA
VERIFYING COMPLIANCE TO SPECIFICATIONS

DRAWING PROJECTION						
	NAME	DATE	D12.7mm Fused Silica Blank pol			
DRAWN	CWD	2022/5/18	BBM4127-1			
APPROVAL	ZSB	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			SEE NOTE		4 : 1	A