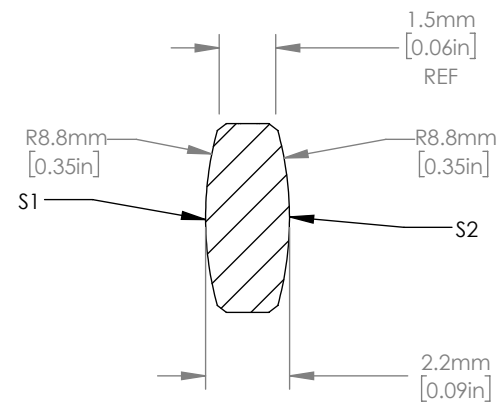
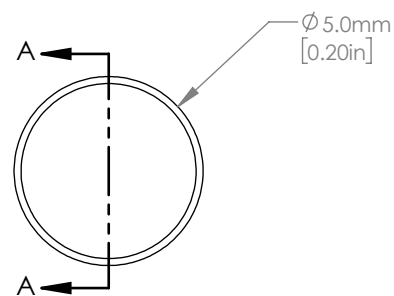




SECTION A-A

NOTES/SPECIFICATIONS:

- DESIGN WAVELENGTH: 587.6 nm
- FOCAL LENGTH: $f=10.0\text{ mm} \pm 1\%$
- BACK FOCAL LENGTH(REF): $bf=9.2\text{ mm}$
- CLEAR APERTURE: $> \varnothing 4.50\text{ mm}$
- SURFACE QUALITY: 20-10 SCRATCH-DIG
- CENTRATION: $\leq 3\text{ arcmin}$
- DIAMETER TOLERANCE: $+0.0/-0.1\text{ mm}$
- THICKNESS TOLERANCE: $\pm 0.1\text{ mm}$
- SURFACE IRREGULARITY: $\leq \lambda/4$, @633 nm
- SPHERICAL SURFACE POWER: $\leq 3\lambda/2$, @633 nm
- COATING(S1,S2): VAR R<0.25% PER SURFACE FOR 1550 nm, 0° AOI

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION							
	NAME	DATE	F=10.0mm, D5mm UVFS Bi-Convex Lens, 1550nm coating				
DRAWN	CWD	2022/5/18	BX4005-10-1550				
APPROVAL	ZSE	2022/5/18	MATERIAL	WEIGHT	SCALE	REV	
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			UV GRADE FUSED SILICA	0.0001kg	5:1	A	