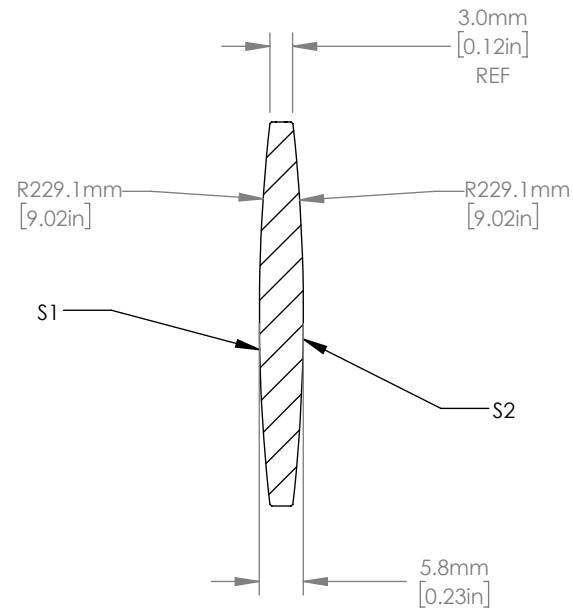
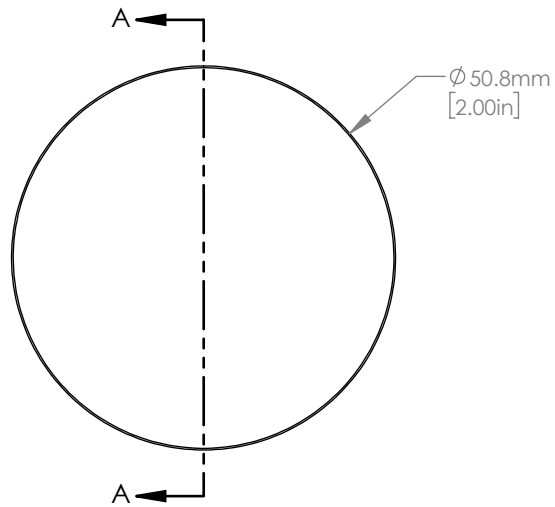




SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6 nm
2. FOCAL LENGTH:  $f=250.9 \text{ mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF):  $bf=248.9 \text{ mm}$
4. CLEAR APERTURE:  $> \varnothing 45.72 \text{ mm}$
5. SURFACE QUALITY: 20-10 SCRATCH-DIG
6. CENTRATION:  $\leq 3 \text{ arcmin}$
7. DIAMETER TOLERANCE:  $+0.0/-0.1 \text{ mm}$
8. THICKNESS TOLERANCE:  $\pm 0.1 \text{ mm}$
9. SURFACE IRREGULARITY:  $\leq \lambda/4, @633 \text{ nm}$
10. SPHERICAL SURFACE POWER:  $\leq 3\lambda/2, @633 \text{ nm}$
11. COATING(S1,S2): VAR R<0.25% PER SURFACE FOR 1550 nm,  $0^\circ$  AOI

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

|                                                        |      |                                                                                       |                                                     |                                                                                       |       |     |  |
|--------------------------------------------------------|------|---------------------------------------------------------------------------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------|-------|-----|--|
| DRAWING<br>PROJECTION                                  |      |  |                                                     |  |       |     |  |
|                                                        | NAME | DATE                                                                                  | F=250.0mm, D50.8UVFS Bi-Convex Lens, 1550nm coating |                                                                                       |       |     |  |
| DRAWN                                                  | CWD  | 2022/5/18                                                                             | EX4508-250-1550                                     |                                                                                       |       |     |  |
| APPROVAL                                               | ZSB  | 2022/5/18                                                                             | MATERIAL                                            | WEIGHT                                                                                | SCALE | REV |  |
| FOR INFORMATION ONLY<br>NOT FOR MANUFACTURING PURPOSES |      |                                                                                       | UV FUSED SILICA                                     | 0.0197kg                                                                              | 1:1   | A   |  |