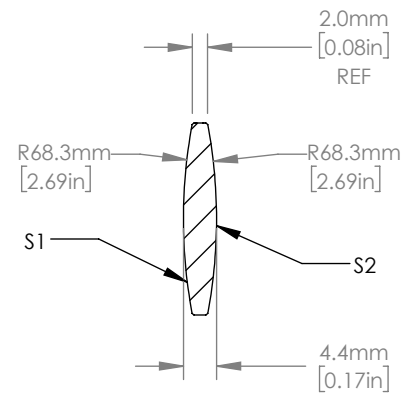
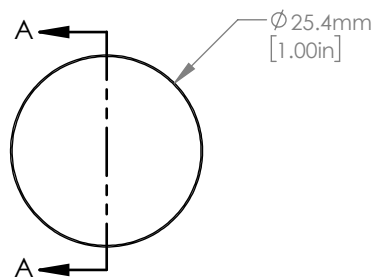




SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6 nm
2. FOCAL LENGTH:  $f=75.3 \text{ mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF):  $bf=73.7 \text{ mm}$
4. CLEAR APERTURE:  $> \text{Ø } 22.86 \text{ mm}$
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 nm
10. SPHERICAL SURFACE POWER:  $\leq 3\lambda/2$ , @633 nm
11. COATING(S1,S2): VAR R<0.25% PER SURFACE FOR 1064 nm, 0° AOI

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

|                                                     |      |           |                                                                                       |          |       |     |
|-----------------------------------------------------|------|-----------|---------------------------------------------------------------------------------------|----------|-------|-----|
| DRAWING PROJECTION                                  |      |           |  |          |       |     |
|                                                     | NAME | DATE      | F=75.0mm, D25.4 UVFS Bi-Convex Lens, 1064nm coating                                   |          |       |     |
| DRAWN                                               | CWD  | 2022/5/18 | EX4254-75-1064                                                                        |          |       |     |
| APPROVAL                                            | ZSE  | 2022/5/18 | MATERIAL                                                                              | WEIGHT   | SCALE | REV |
| FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES |      |           | UV FUSED SILICA                                                                       | 0.0036kg | 1:1   | A   |