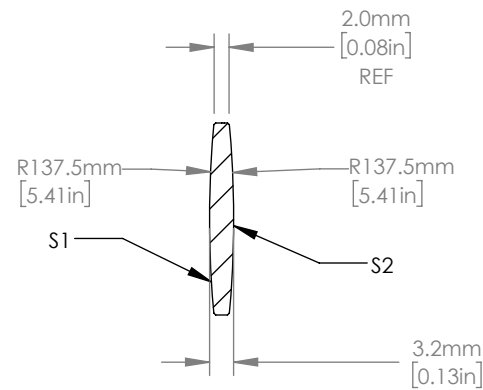
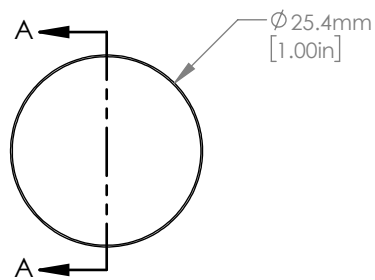




SECTION A-A

NOTES/SPECIFICATIONS:

- DESIGN WAVELENGTH: 587.6 nm
- FOCAL LENGTH:  $f=150.5 \text{ mm} \pm 1\%$
- BACK FOCAL LENGTH(REF):  $bf=149.4 \text{ mm}$
- CLEAR APERTURE:  $> \varnothing 22.86 \text{ mm}$
- 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:  $\leq \lambda/4, @633 \text{ nm}$
- SPHERICAL SURFACE POWER:  $\leq 3\lambda/2, @633 \text{ nm}$
- COATING(S1,S2): VAR R<0.25% PER SURFACE FOR 532 nm, 0° AOI

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

|                                                     |      |                                                                                       |                                                                                       |          |       |     |
|-----------------------------------------------------|------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|-------|-----|
| DRAWING PROJECTION                                  |      |  |  |          |       |     |
|                                                     | NAME | DATE                                                                                  | F=150.0mm, D25.4 UVFS Bi-Convex Lens, 532nm coating                                   |          |       |     |
| DRAWN                                               | CWD  | 2022/5/18                                                                             | EX4254-150-532                                                                        |          |       |     |
| APPROVAL                                            | ZSE  | 2022/5/18                                                                             | MATERIAL                                                                              | WEIGHT   | SCALE | REV |
| FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES |      |                                                                                       | UV FUSED SILICA                                                                       | 0.0029kg | 1:1   | A   |