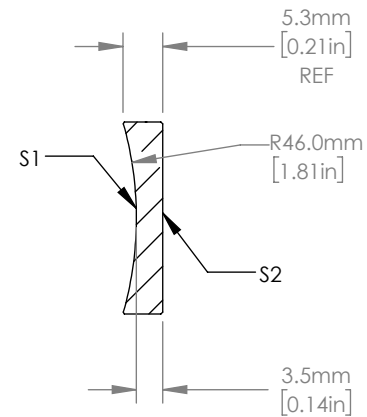
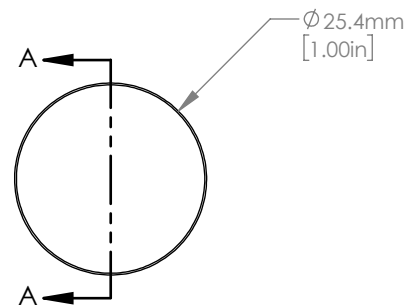




SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6 nm
2. FOCAL LENGTH:  $f = -100.3 \text{ mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF):  $bf = -102.7 \text{ mm}$
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:  $\leq \lambda/4, @633 \text{ nm}$
10. PLANO SURFACE FLATNESS:  $\leq \lambda/2, @633 \text{ nm}$
11. SPHERICAL SURFACE POWER:  $\leq 3\lambda/2, @633 \text{ nm}$
12. COATING(S1,S2): VAR R<0.25% PER SURFACE FOR 532 nm, 0° AOI

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

|                                                       |      |                                                                                       |                                                   |                                                                                       |       |     |
|-------------------------------------------------------|------|---------------------------------------------------------------------------------------|---------------------------------------------------|---------------------------------------------------------------------------------------|-------|-----|
| DRAWING<br>PROJECTION                                 |      |  |                                                   |  |       |     |
|                                                       | NAME | DATE                                                                                  | UVFS PCC Lens, D25.4, F=-100 mm, 532 nm V-Coating |                                                                                       |       |     |
| DRAWN                                                 | CWD  | 2022/5/18                                                                             | PC4254--100-532                                   |                                                                                       |       |     |
| APPROVAL                                              | ZSB  | 2022/5/18                                                                             | MATERIAL                                          | WEIGHT                                                                                | SCALE | REV |
| FOR INFORMATION ONLYNOT FOR<br>MANUFACTURING PURPOSES |      |                                                                                       | UV FUSED SILICA                                   | 0.0049kg                                                                              |       | A   |