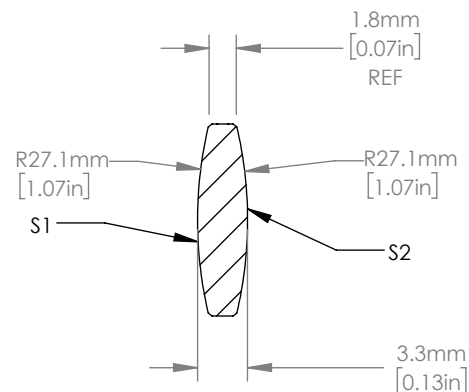
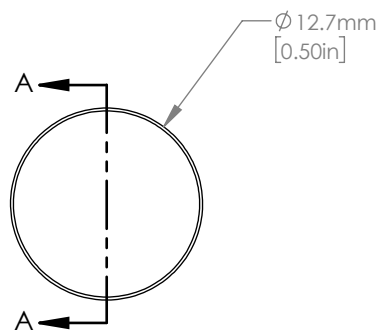




SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 587.6 nm
2. FOCAL LENGTH:  $f=30.1 \text{ mm} \pm 1\%$
3. BACK FOCAL LENGTH(REF):  $bf=28.9 \text{ mm}$
4. CLEAR APERTURE:  $> \text{Ø } 11.43 \text{ mm}$
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<br>PROJECTION                                 |      |           |                                                   |          |       |     |  |
|                                                       | NAME | DATE      | F=30.0mm,D12.7 UVFS Bi-Convex Lens,1064nm coating |          |       |     |  |
| DRAWN                                                 | CWD  | 2022/5/18 | EX4127-30-1064                                    |          |       |     |  |
| APPROVAL                                              | ZSE  | 2022/5/18 | MATERIAL                                          | WEIGHT   | SCALE | REV |  |
| FOR INFORMATION ONLYNOT FOR<br>MANUFACTURING PURPOSES |      |           | UV FUSED SILICA                                   | 0.0007kg | 2:1   | A   |  |