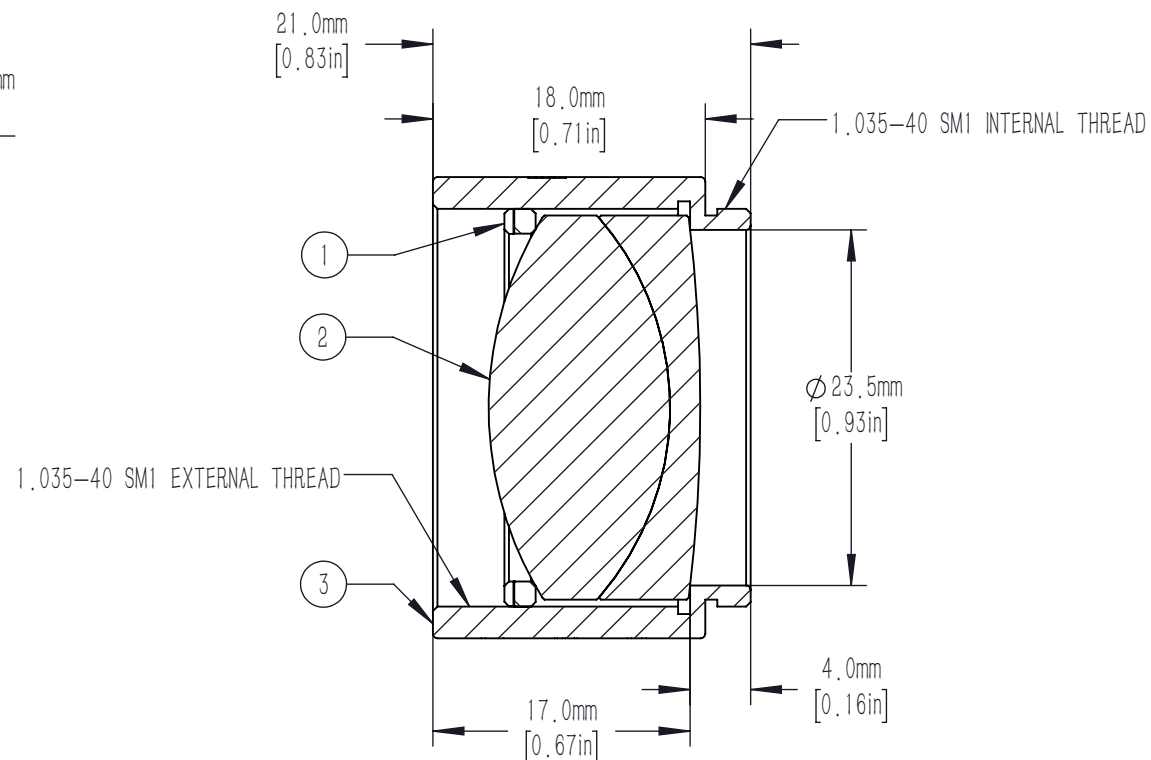
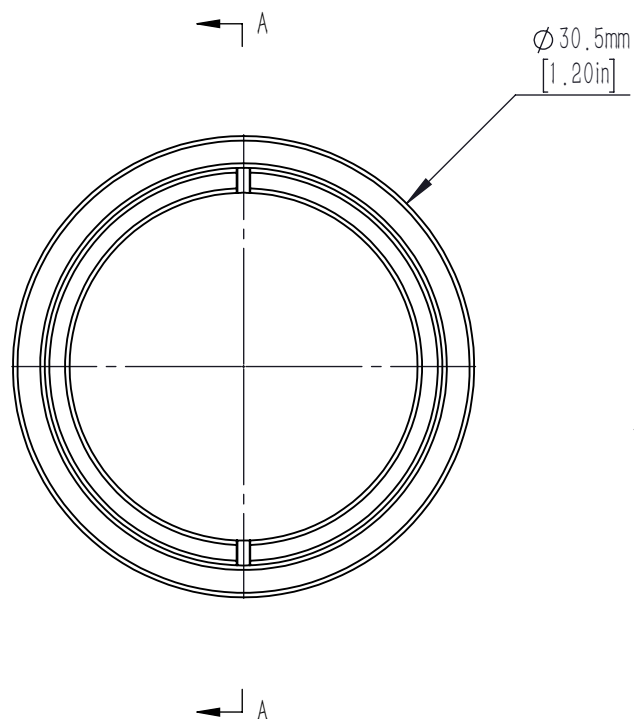


|   | PART DESCRIPTION | MATERIAL          |
|---|------------------|-------------------|
| ① | SM1RR            | ANODIZED ALUMINUM |
| ② | AD254-35-A       | N-BAF10/N-SF6HT   |
| ③ | SM1L12-A         | ANODIZED ALUMINUM |



#### NOTES/SPECIFICATIONS:

- DESIGN WAVELENGTHS: 486.1nm, 587.6nm, AND 656.3nm
- FOCAL LENGTH: 35.2mm  $\pm 1\%$
- BACK FOCAL LENGTH (REF): 27.3mm
- LENS DIAMETER: 25.4mm +0.00/-0.10mm
- LENS CENTER THICKNESS: 14.0mm
- CLEAR APERTURE: >90% OF LENS DIAMETER
- SURFACE QUALITY: 40-20 SCRATCH-DIG
- CENTRATION: <3 arcmin
- COATING: BBAR  $R_{avg} < 0.5\%$  FROM 400-700nm  
0° AOI, ON BOTH OPTICAL SURFACES

FOR INFORMATION ONLY NOT FOR  
MANUFACTURING PURPOSES

|                                                       |      |                                                                                       |                                                |                                                                                       |       |     |
|-------------------------------------------------------|------|---------------------------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------------------------------------------|-------|-----|
| DRAWING<br>PROJECTION                                 |      |  |                                                |  |       |     |
|                                                       | NAME | DATE                                                                                  | Mounted D25.4mm, F=35.0mm, Visible<br>Achromat |                                                                                       |       |     |
| DRAWN                                                 | CWD  | 2022/5/18                                                                             | AD254-35-A-ML                                  |                                                                                       |       |     |
| APPROVAL                                              | ZSB  | 2022/5/18                                                                             | MATERIAL                                       | WEIGHT                                                                                | SCALE | REV |
| FOR INFORMATION ONLYNOT FOR<br>MANUFACTURING PURPOSES |      |                                                                                       | N/A                                            |                                                                                       | 2:1   | A   |