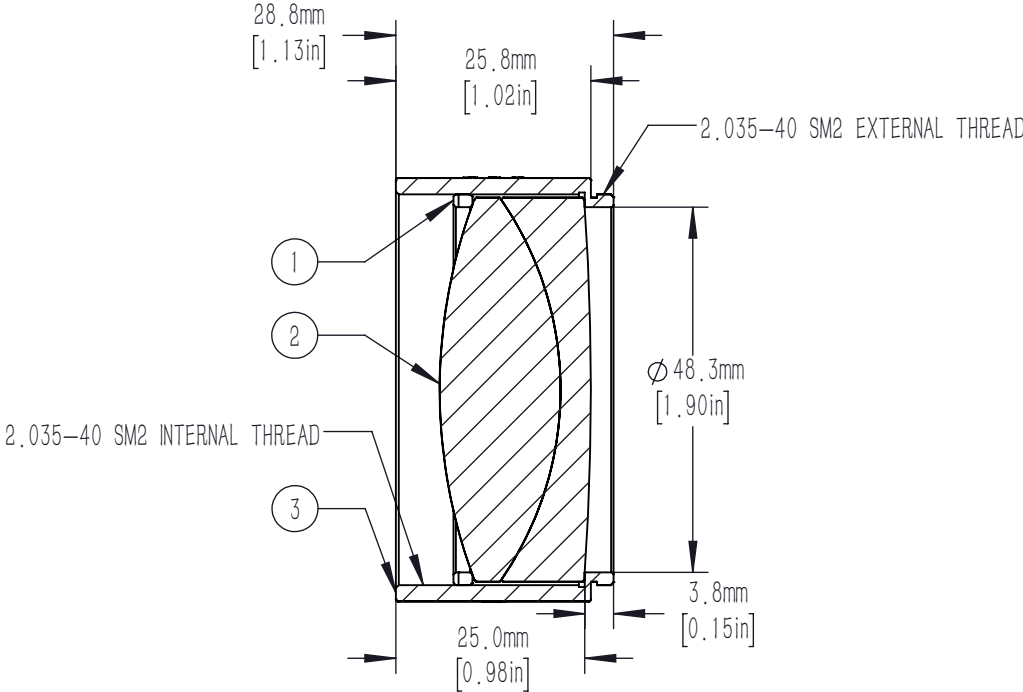
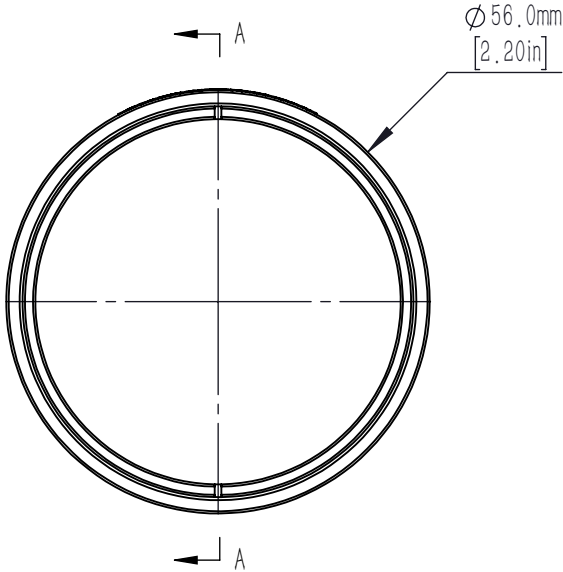


|   | PART DESCRIPTION | MATERIAL          |
|---|------------------|-------------------|
| ① | SM2RR            | ANODIZED ALUMINUM |
| ② | AD508-100-A      | N-BAF10/N-SF10    |
| ③ | SM2L25-A         | ANODIZED ALUMINUM |



- NOTES/SPECIFICATIONS:
- DESIGN WAVELENGTHS: 486.1nm, 587.6, AND 656.3nm
  - FOCAL LENGTH: 100.0mm  $\pm 1\%$
  - BACK FOCAL LENGTH (REF): 89.0mm
  - LENS DIAMETER: 50.8mm  $+0.00/-0.10$ mm
  - LENS CENTER THICKNESS: 20.0mm
  - 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 PROJECTION  |      |           |  |        |       |     |
|                                                                                                          | NAME | DATE      | Mounted D50.8mm, F=100.0.mm, Visible Achromat                                         |        |       |     |
| DRAWN                                                                                                    | CWD  | 2022/5/18 | AD508-100-A-ML                                                                        |        |       |     |
| APPROVAL                                                                                                 | ZSB  | 2022/5/18 | MATERIAL                                                                              | WEIGHT | SCALE | REV |
| FOR INFORMATION ONLYNOT FOR<br>MANUFACTURING PURPOSES                                                    |      |           | N/A                                                                                   |        | 1:1   | A   |