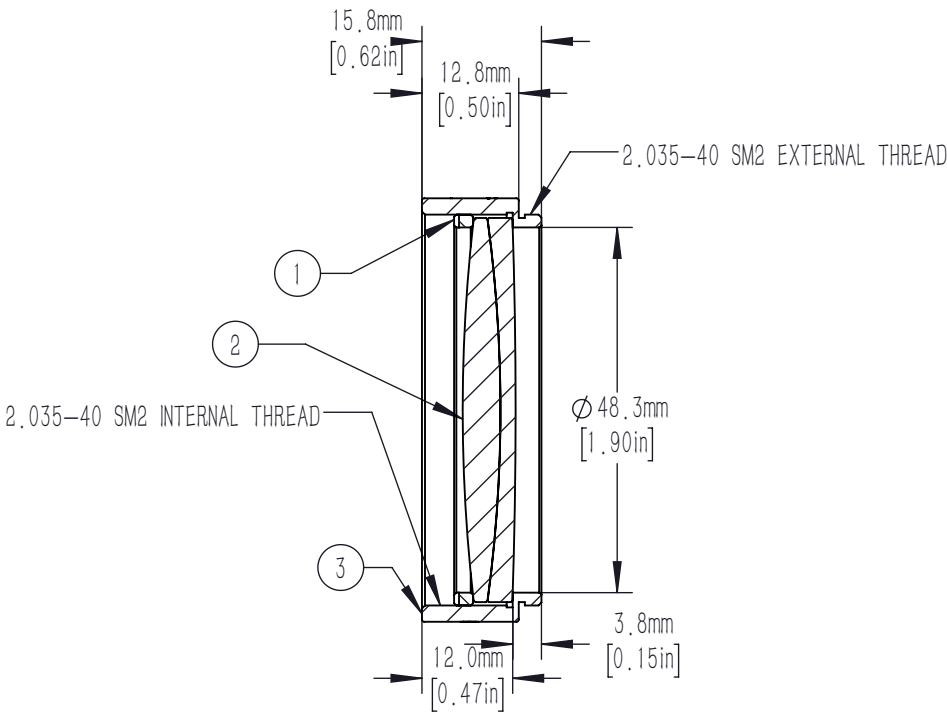
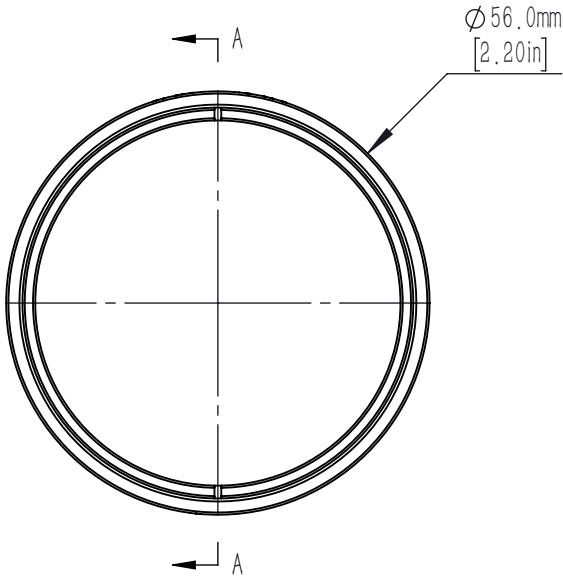


|   | PART DESCRIPTION | MATERIAL          |
|---|------------------|-------------------|
| ① | SM2RR            | ANODIZED ALUMINUM |
| ② | AD508-400-A      | N-BK7/SF2         |
| ③ | SM2L12-A         | ANODIZED ALUMINUM |



- NOTES/SPECIFICATIONS:
- DESIGN WAVELENGTHS: 486.1 nm, 587.6 nm, AND 656.3 nm
  - FOCAL LENGTH: 400.0 mm  $\pm 1\%$
  - BACK FOCAL LENGTH (REF): 396.1 mm
  - LENS DIAMETER: 50.8 mm  $+0.00/-0.10$  mm
  - LENS CENTER THICKNESS: 7.0 mm
  - CLEAR APERTURE:  $>90\%$  OF LENS DIAMETER
  - SURFACE QUALITY: 40-20 SCRATCH-DIG
  - CENTRATION:  $<3$  arcmin
  - COATING: BBAR  $R_{avg} < 0.5\%$  FROM 400-700 nm  
0° AOI, ON BOTH OPTICAL SURFACES

FOR INFORMATION ONLY NOT FOR  
MANUFACTURING PURPOSES

|                                                       |      |           |                                                       |         |       |     |
|-------------------------------------------------------|------|-----------|-------------------------------------------------------|---------|-------|-----|
| DRAWING<br>PROJECTION                                 |      |           |                                                       |         |       |     |
|                                                       | NAME | DATE      | Mounted D50.8mm, F=400.0mm VISIBLE ACHROMAT, A Coated |         |       |     |
| DRAWN                                                 | CWD  | 2022/5/18 | AD508-400-A-ML                                        |         |       |     |
| APPROVAL                                              | ZSB  | 2022/5/18 | MATERIAL                                              | WEIGHT  | SCALE | REV |
| FOR INFORMATION ONLYNOT FOR<br>MANUFACTURING PURPOSES |      |           | N/A                                                   | 0.058kg | 1:1   | A   |