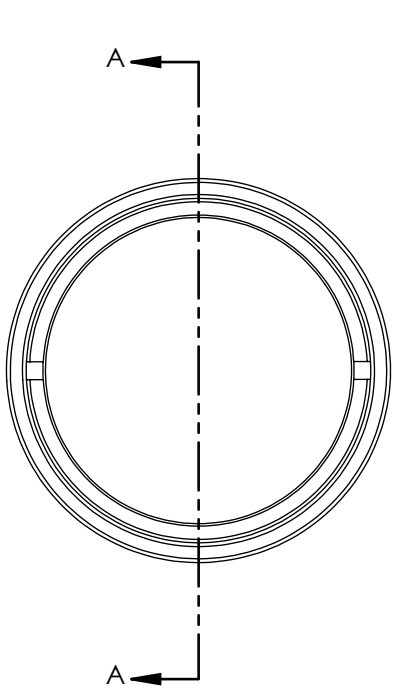
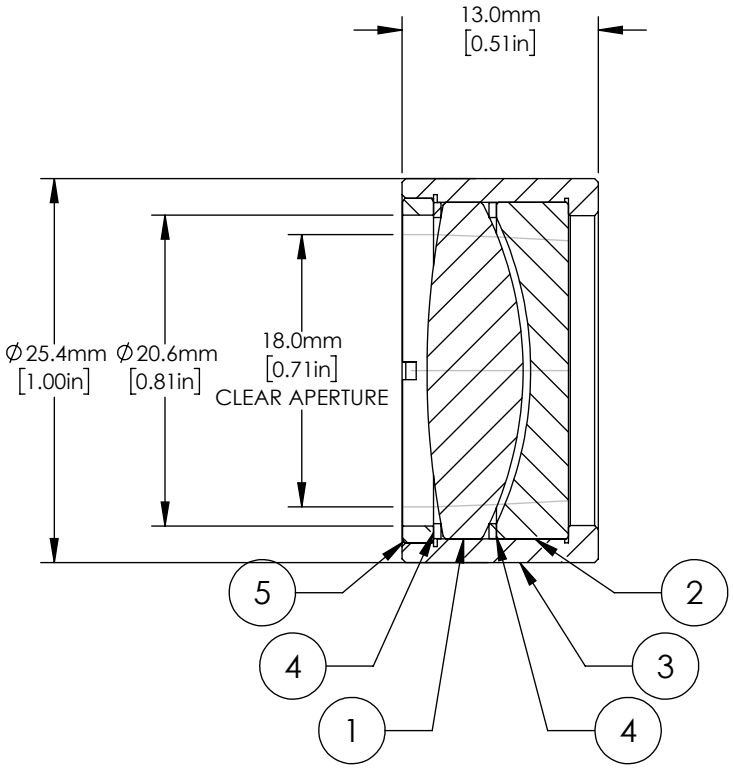
	ITEM	MATERIAL
1	LENS 1	CALCIUM FLUORIDE
2	LENS 2	UV FUSED SILICA
3	HOUSING	6061-T6 ALUMINUM
4	SPACER	6061-T6 ALUMINUM
5	RETAINING RING	6061-T6 ALUMINUM







SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTHS: 282.5, 325.0 AND 367.5 nm
2. FOCAL LENGTH 150.0 mm ± 1% AT 325.0 nm
3. CLEAR APERTURE: Ø18.0 mm
4. WORKING DISTANCE: 138.9 mm
5. SURFACE QUALITY: 10-5 SCRATCH-DIG (ALL OPTICAL SURFACES)
6. IMAGE SPACE NA: 0.067
7. DESIGN RMS WAVEFRONT ERROR:
   <λ/5 OVER DESIGN WAVELENGTH RANGE
8. IRREGULARITY PER SURFACE: <λ/4 AT 633 nm
9. COATING (ALL OPTICAL SURFACES): BBAR 245-400 nm Ravg<0.5%

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION		
	NAME	DATE
DRAWN	DFS	03/FEB/20
APPROVAL	BAG	15/SEP/21

COPYRIGHT © 2021 BY THORLABS

VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

THORLABS
www.thorlabs.com

Ø25.4 mm, f=150 mm AIR-SPACED ACHROMAT, BBAR: 245-400 nm

MATERIAL	REV
SEE TABLE	D

ITEM #	APPROX WEIGHT
ACA254-150-UV	11.8 g