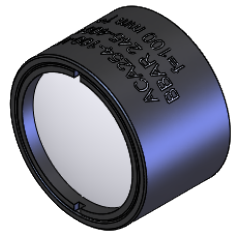
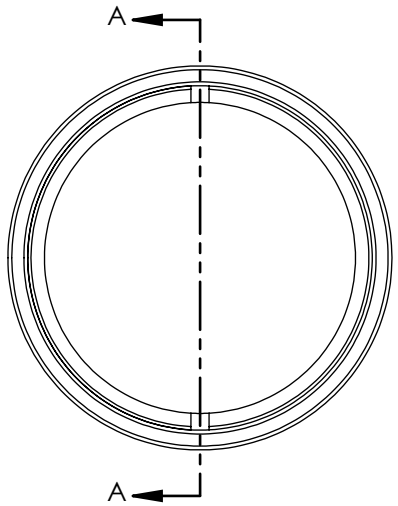
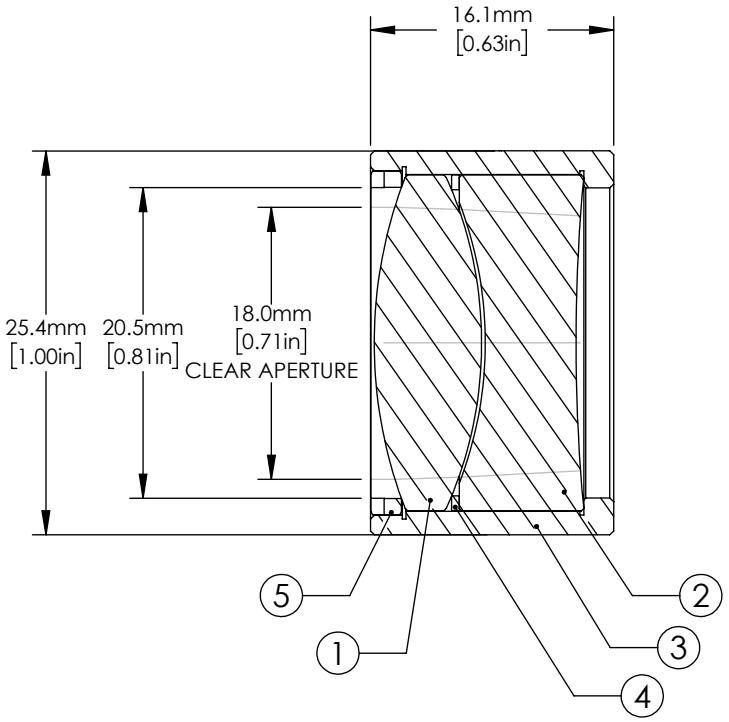
	ITEM	MATERIAL
1	LENS 1	CALCIUM FLUORIDE
2	LENS 2	UV FUSED SILICA
3	HOUSING	6061-T6 ALUMINUM
4	SPACER	6061-T6 ALUMINUM
5	RETAINING RING	6061-T6 ALUMINUM







SECTION A-A

NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTHS: 282.5, 325.0 AND 367.5 nm
2. FOCAL LENGTH 102.9 mm ± 1% AT 325.0 nm
3. CLEAR APERTURE: ∅18.0 mm
4. WORKING DISTANCE: 85.8 mm
5. SURFACE QUALITY: 10-5 SCRATCH-DIG (ALL OPTICAL SURFACES)
6. IMAGE SPACE NA: 0.097
7. DESIGN RMS WAVEFRONT ERROR:
   <2λ 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	14/FEB/20
APPROVAL	BAG	15/SEP/21

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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUNDOFF ERRORS

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∅25.4 mm, f = 100 mm AIR-SPACED ACHROMAT, BBAR: 245-400 nm

MATERIAL	REV
SEE TABLE	D

ITEM #	APPROX WEIGHT
ACA254-100-UV	18.1 g