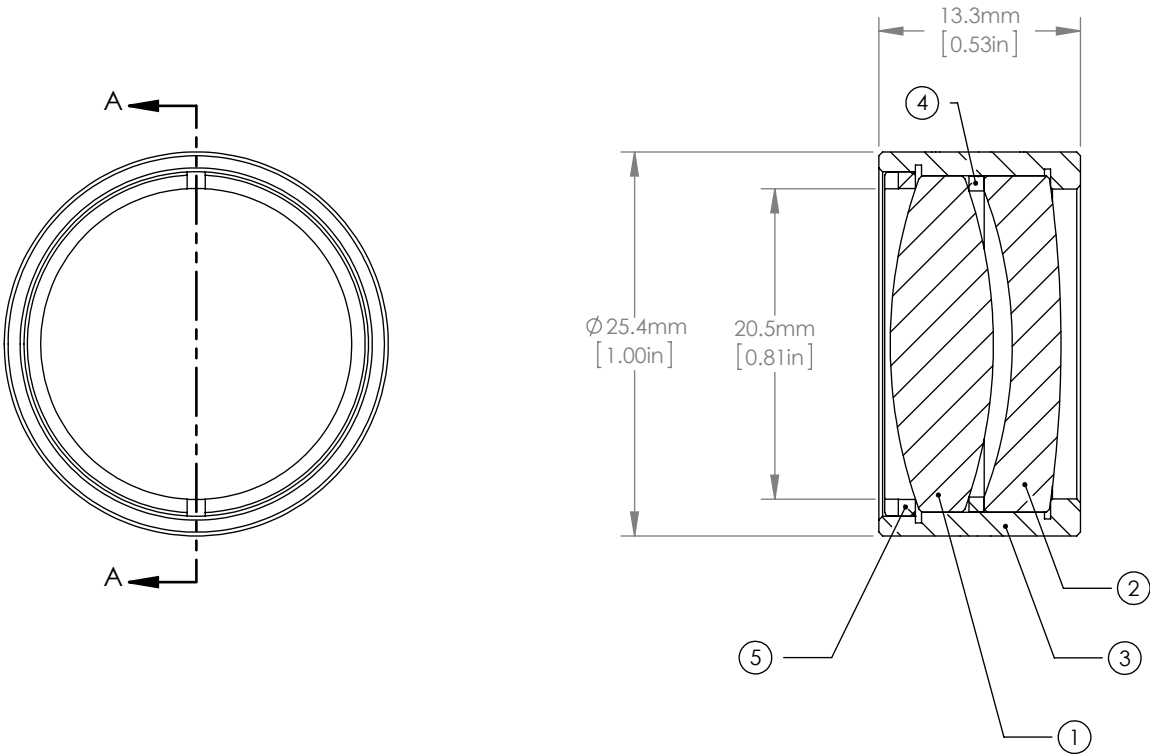


	ITEM	MATERIAL
①	LENS 1	N-SSK2
②	LENS 2	N-SF57
③	HOUSING	6061-T6 ALUMINUM
④	SPACER	6061-T6 ALUMINUM
⑤	RETAINING RING	6061-T6 ALUMINUM



NOTES/SPECIFICATIONS

- DESIGN WAVELENGTHS: 486.1, 587.6, AND 656.3nm
- FOCAL LENGTH: 50.0mm±1% AT 587.6nm
- CLEAR APERTURE: >20mm
- WORKING DISTANCE: 41.4mm REF
- SURFACE QUALITY: 20-10 SCRATCH-DIG
- IMAGE SPACE NA: 0.198
- DESIGN RMS WAVEFRONT ERROR:
<λ/5 OVER DESIGN WAVELENGTH RANGE
- IRREGULARITY PER SURFACE: <λ/4 AT 633nm
- COATING (ALL OPTICAL SURFACES): BBAR 350-700nm Ravg<0.5%

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			<div>THORLABS</div> <div>www.thorlabs.com</div>	
	NAME	DATE		
DRAWN	DS	09/JUL/15	Ø25.4mm, f=50mm AIRSPACED ACHROMAT, BBAR:350-700nm	
APPROVAL	WD	28/JUL/15	MATERIAL	REV C
COPYRIGHT © 2015 BY THORLABS			SEE TABLE	
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			ACA254-050-A	0.02 kg