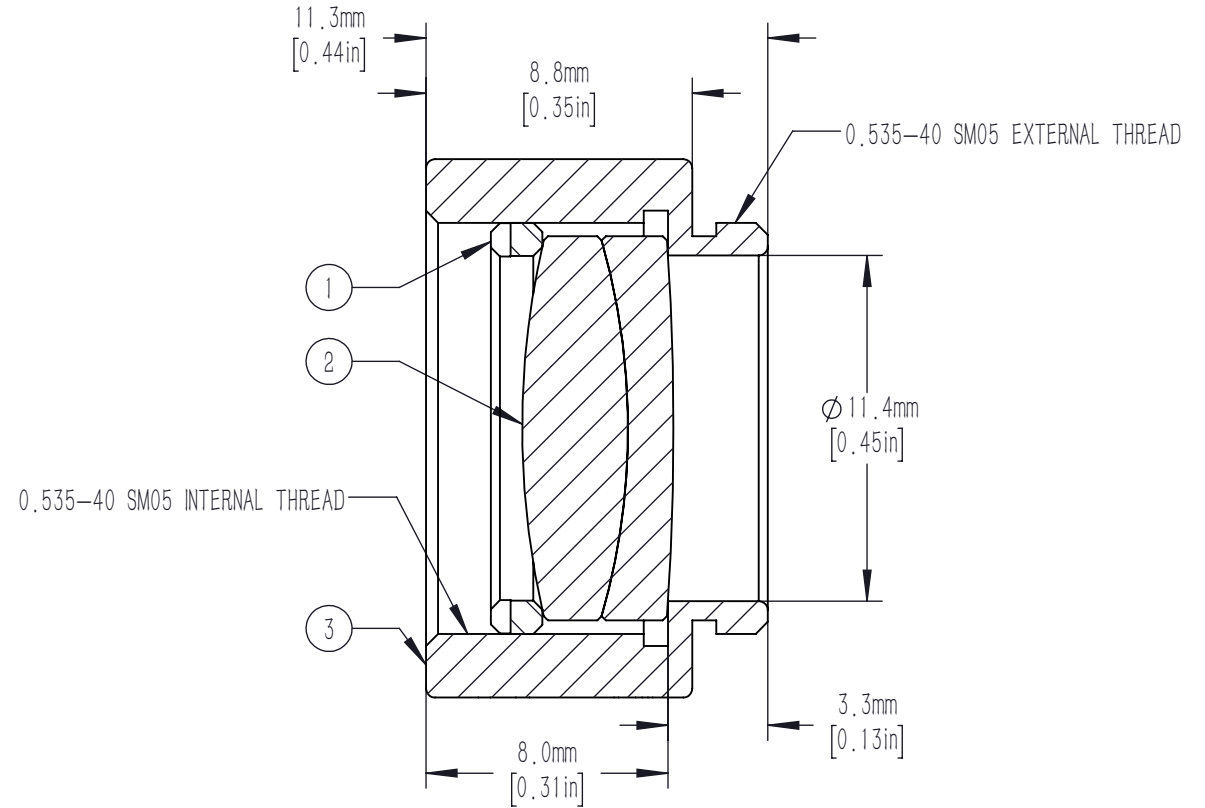
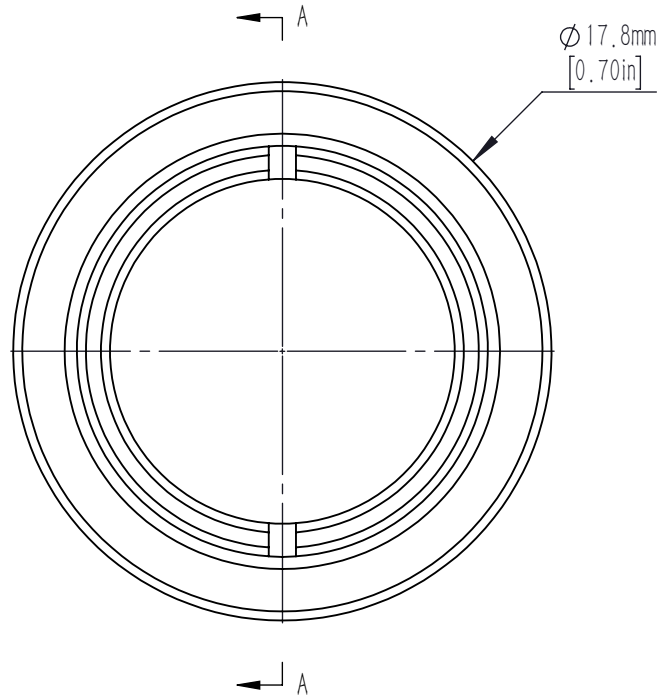


	PART DESCRIPTION	MATERIAL
①	SM05RR	ANODIZED ALUMINUM
②	AD127-50-A	N-BK7/SF2
③	SM05L8-A	ANODIZED ALUMINUM



NOTES/SPECIFICATIONS:

- DESIGN WAVELENGTHS: 486.1nm, 587.6nm, AND 656.3nm
- FOCAL LENGTH: 50.0mm $\pm 1\%$
- BACK FOCAL LENGTH (REF): 47.2mm
- LENS DIAMETER: 12.7mm $+0.00/-0.10$ mm
- LENS CENTER THICKNESS: 5.0mm
- 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 D12.7mm, F=50.0mm, Visible Achromat.			
DRAWN	CWD	2022/5/18	AD127-50-A-ML			
APPROVAL	ZSB	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			N/A		4:1	A