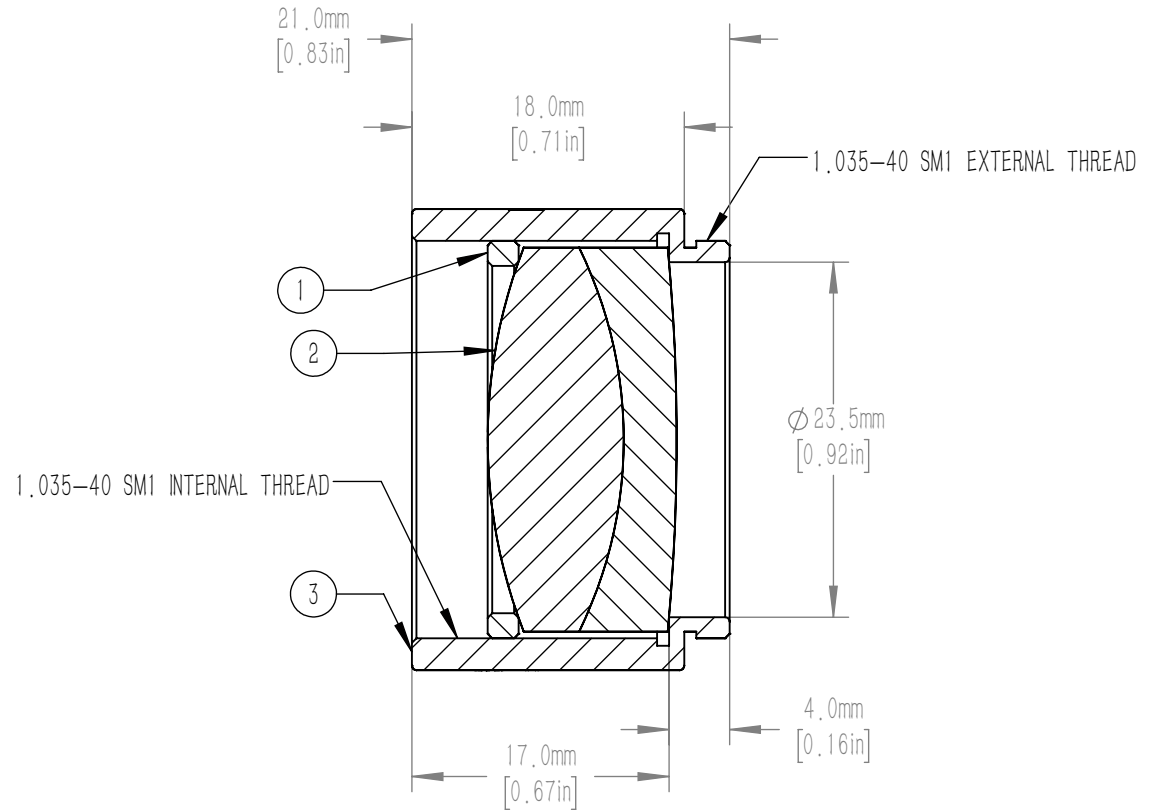
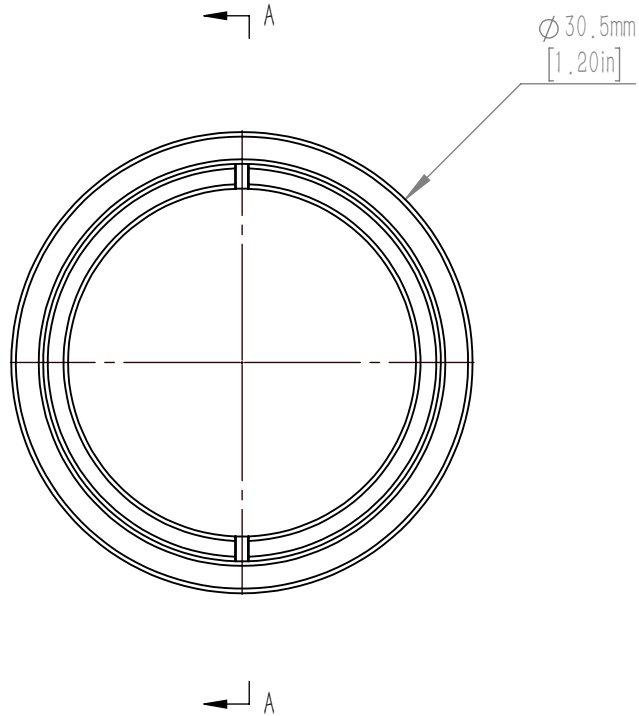


	PART DESCRIPTION	MATERIAL
①	SM1RR	ANODIZED ALUMINUM
②	AD254-50-AB	N-BAF10/N-SF6
③	SM1L17-A	ANODIZED ALUMINUM



NOTES/SPECIFICATIONS:

- DESIGN WAVELENGTHS: 488nm, 707nm, & 1064nm
- FOCAL LENGTH: $f=50.0\text{mm} \pm 1\%$
- BACK FOCAL LENGTH (REF): 43.39mm
- LENS DIAMETER: $25.4\text{mm} +0.00/-0.10\text{mm}$
- LENS CENTER THICKNESS: 12.5mm
- CLEAR APERTURE: $>90\%$ OF LENS DIAMETER
- SURFACE QUALITY: 40-20 SCRATCH-DIG
- CENTRATION: <3 arcmin
- COATING: BBAR $R_{\text{avg}} < 1.0\%$ FROM 400-1100nm
0° AOI, ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY NOT FOR
MANUFACTURING PURPOSES

DRAWING PROJECTION							
	NAME	DATE	Mounted F=50.0mm, D25.4 Achromatic Doublet, AB Coated				
DRAWN	CWD	2022/5/18	AD254-50-AB-ML				
APPROVAL	ZSB	2022/5/18	MATERIAL	WEIGHT	SCALE	REV	
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			SEE TABLE		2:1	A	