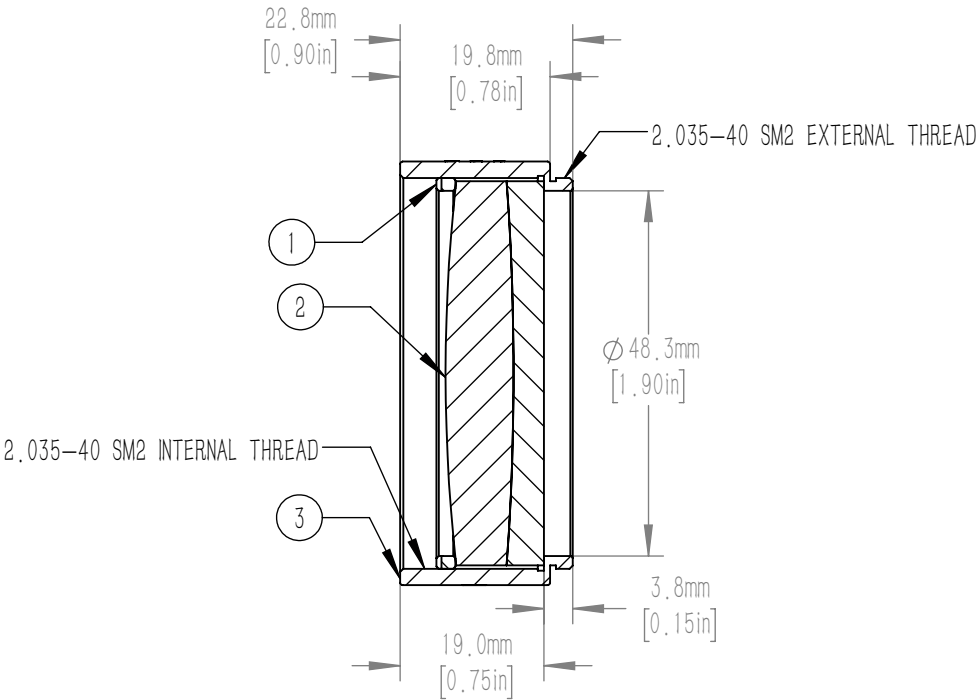
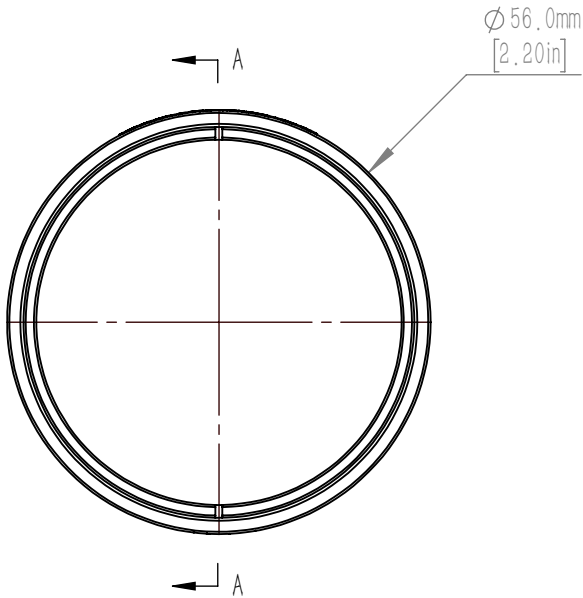


	PART DESCRIPTION	MATERIAL
①	SM2RR	ANODIZED ALUMINUM
②	AD508-500-AB	N-LAK22/N-SF10
③	SM2L19-A	ANODIZED ALUMINUM



- NOTES/SPECIFICATIONS:
- DESIGN WAVELENGTHS: 488nm, 707nm, & 1064nm
 - FOCAL LENGTH: $f=500.0\text{mm} \pm 1\%$
 - BACK FOCAL LENGTH (REF): 488.04mm
 - LENS DIAMETER: $50.8\text{mm} +0.00/-0.10\text{mm}$
 - LENS CENTER THICKNESS: 13.0mm
 - 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=500mm, D50.8Achromatic Doublet, AB Coated			
DRAWN	CWD	2022/5/18	AD508-500-AB-ML			
APPROVAL	ZSE	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			SEE TABLE		1:1	A