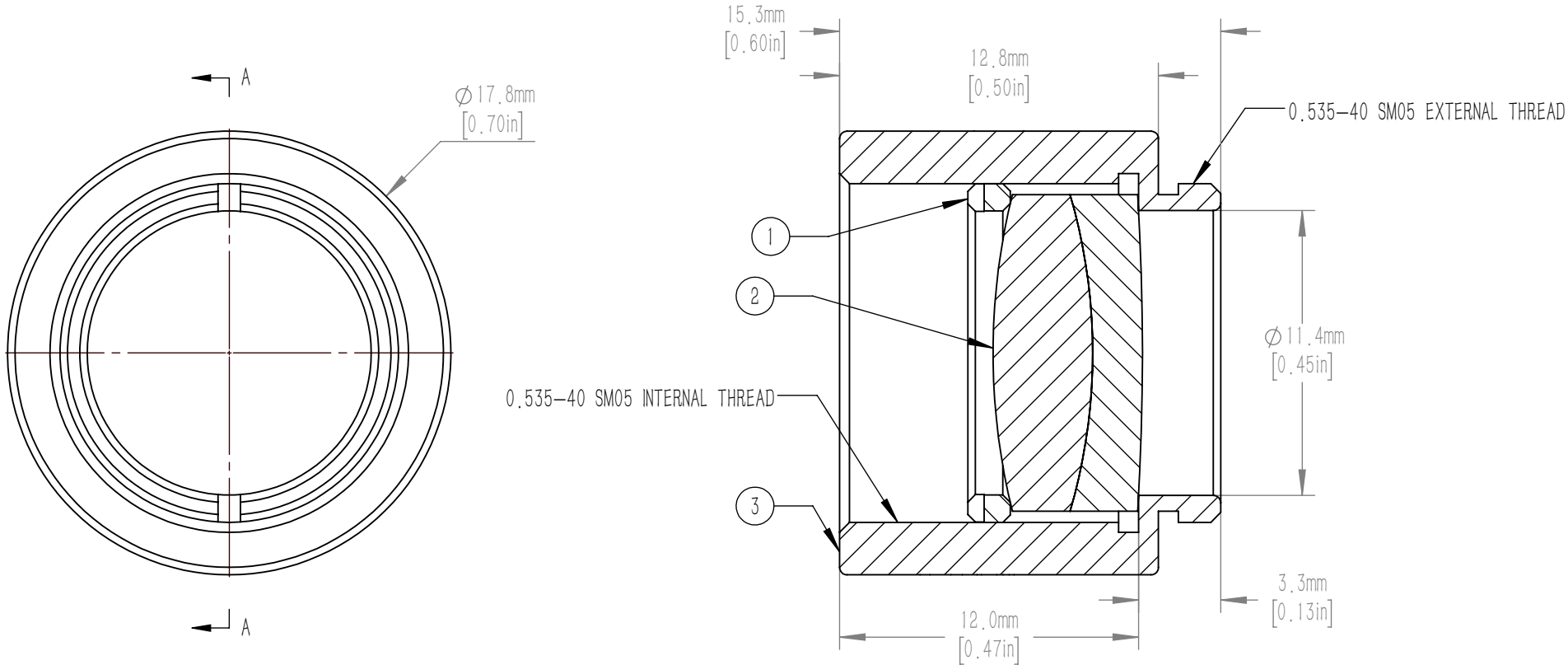


	PART DESCRIPTION	MATERIAL
①	SM05RR	ANODIZED ALUMINUM
②	AD127-50-AB	N-BK7/N-SF2
③	SM05L12-A	ANODIZED ALUMINUM



NOTES/SPECIFICATIONS:

- DESIGN WAVELENGTHS: 488nm, 707nm, & 1064nm
- FOCAL LENGTH: $f=50.0\text{mm} \pm 1\%$
- BACK FOCAL LENGTH (REF): 46.56mm
- LENS DIAMETER: $12.7\text{mm} +0.00/-0.10\text{mm}$
- LENS CENTER THICKNESS: 6.0mm
- 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=50.0mm, D12.7 Achromatic Doublet, AB Coated			
DRAWN	CWD	2022/5/18	AD127-50-AB-ML			
APPROVAL	ZSE	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			SEE TABLE		4:1	A