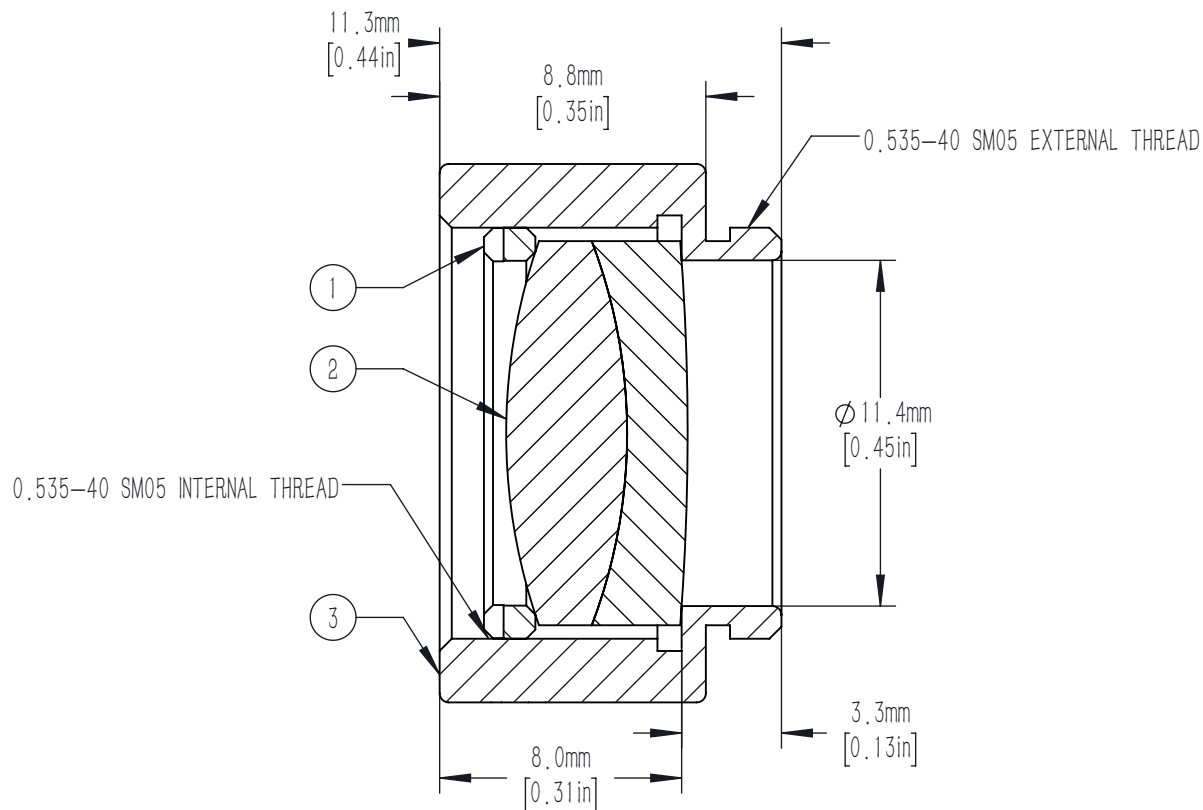
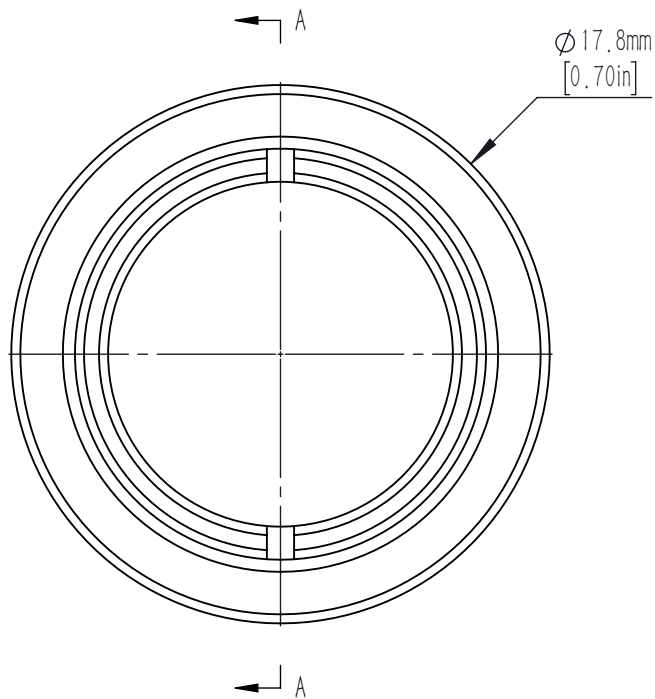


	PART DESCRIPTION	MATERIAL
①	SM05RR	ANODIZED ALUMINUM
②	AD127-25-AB	N-LAK10/N-SF57
③	SM05L8-A	ANODIZED ALUMINUM



NOTES/SPECIFICATIONS:

- DESIGN WAVELENGTHS: 488 nm, 707 nm, & 1064 nm
- FOCAL LENGTH: $f=25.0 \text{ mm} \pm 1\%$
- BACK FOCAL LENGTH (REF): 21.89 mm
- LENS DIAMETER: $12.7 \text{ mm} +0.00/-0.10 \text{ mm}$
- LENS CENTER THICKNESS: 6.0 mm
- CLEAR APERTURE: $>90\%$ OF LENS DIAMETER
- SURFACE QUALITY: 40-20 SCRATCH-DIG
- CENTRATION: $<3 \text{ arcmin}$
- COATING: BBAR $R_{\text{avg}} < 1.0\%$ FROM 400-1100 nm
0° AOI, ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY NOT FOR
MANUFACTURING PURPOSES

DRAWING PROJECTION						
	NAME	DATE	Mounted D12.7, F=25.0mm, Achromatic Doublet, AB Coated			
DRAWN	CWD	2022/5/18	AD127-25-AB-ML			
APPROVAL	ZSB	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			SEE TABLE	0.00544Kg	4:1	A