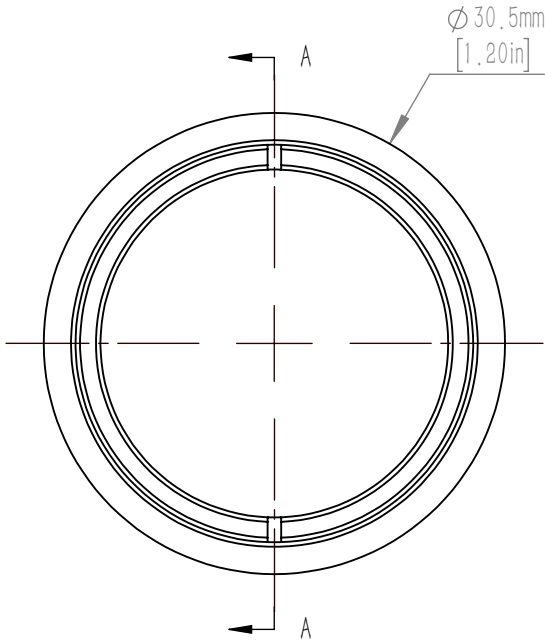
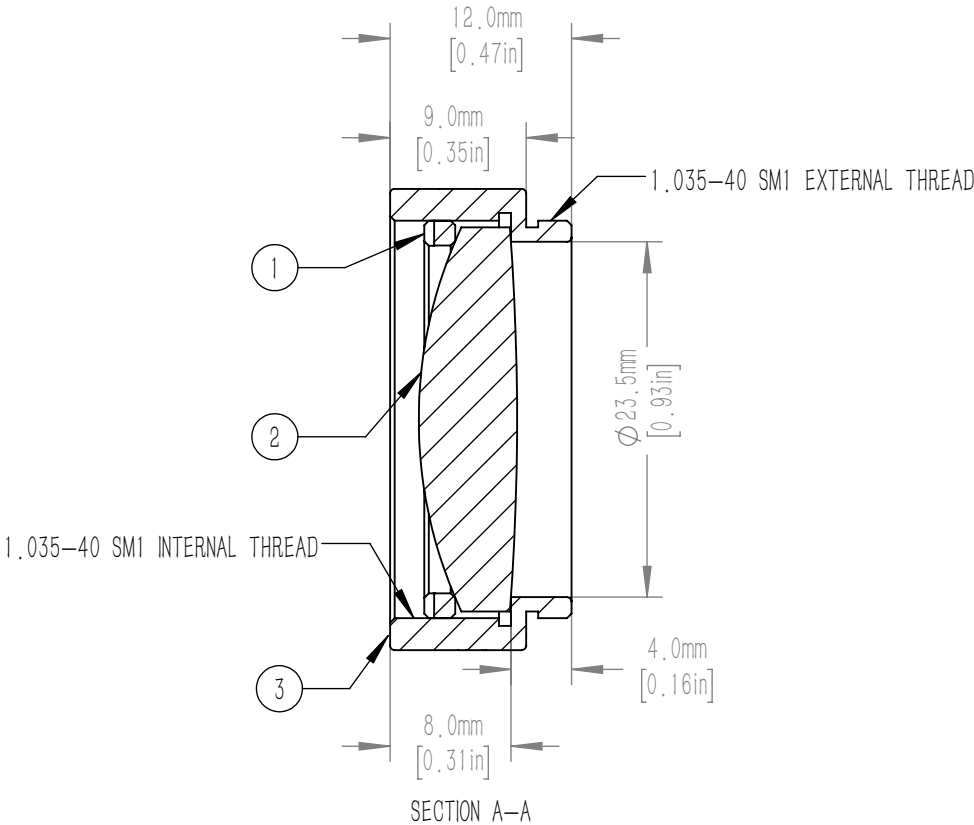


	PART DESCRIPTION	MATERIAL
①	SM1RR	ANODIZED ALUMINUM
②	BFBX1254-50	N-BK7
③	SM1L8-A	ANODIZED ALUMINUM



NOTES/SPECIFICATIONS:

- DESIGN WAVELENGTHS: 587.6 nm
- FOCAL LENGTH: 50.0 mm ±1%
- BACK FOCAL LENGTH (REF): 46.4 mm
- LENS DIAMETER: 25.4 mm +0.00/-0.10 mm
- CLEAR APERTURE: >90% OF LENS DIAMETER
- SURFACE QUALITY: 10-5 SCRATCH-DIG
- CENTRATION: <3 arcmin
- DIFFRACTION LIMITED DIAMETER @632.8 nm: 6.0 mm
- DIFFRACTION LIMITED DIAMETER @1064 nm: 7.0 mm



FOR INFORMATION ONLY NOT FOR
MANUFACTURING PURPOSES

DRAWING PROJECTION						
	NAME	DATE	Mounted D25.4, F=50.0, N-BK7, Best Form Lens			
DRAWN	CWD	2022/5/18	BFBX1254-50-ML			
APPROVAL	ZSB	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			SEE TABLE	0.00992kg	2:1	A