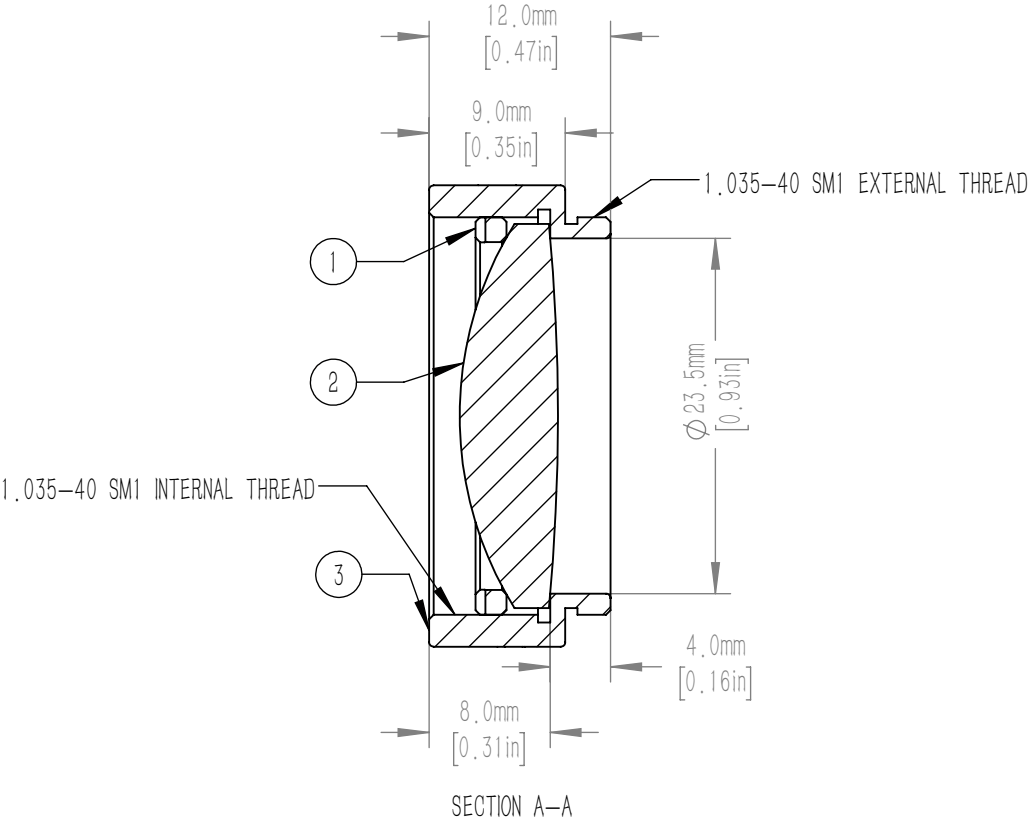
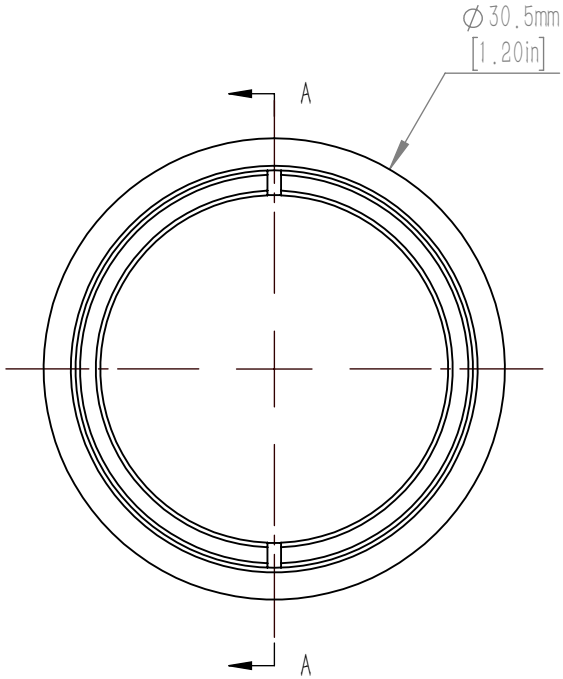


	PART DESCRIPTION	MATERIAL
①	SM1RR	ANODIZED ALUMINUM
②	BFBX1254-40-C	N-BK7
③	SM1L8-A	ANODIZED ALUMINUM



NOTES/SPECIFICATIONS:

- DESIGN WAVELENGTHS: 587.6 nm
- FOCAL LENGTH: 40.0 mm $\pm 1\%$
- BACK FOCAL LENGTH (REF): 36.3 mm
- LENS DIAMETER: 25.4 mm $+0.00/-0.10$ mm
- CLEAR APERTURE: $>90\%$ OF LENS DIAMETER
- SURFACE QUALITY: 20-10 SCRATCH-DIG
- CENTRATION: <3 arcmin
- DIFFRACTION LIMITED DIAMETER @632.8 nm: 5.0 mm
- DIFFRACTION LIMITED DIAMETER @1064 nm: 6.0 mm
- COATING: BBAR $R_{avg} < 0.5\%$ FROM 1050-1700 nm, 0° AOI, ON OUTER OPTICAL SURFACES

FOR INFORMATION ONLY NOT FOR
MANUFACTURING PURPOSES

DRAWING PROJECTION							
	NAME	DATE	Mounted D25.4, F=40.0, N-BK7, C Coated, Best Form Lens				
DRAWN	CWD	2022/5/18	BFBX1254-40-C-ML				
APPROVAL	ZSE	2022/5/18	MATERIAL	WEIGHT	SCALE	REV	
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			SEE TABLE	0.0097kg	2:1	A	