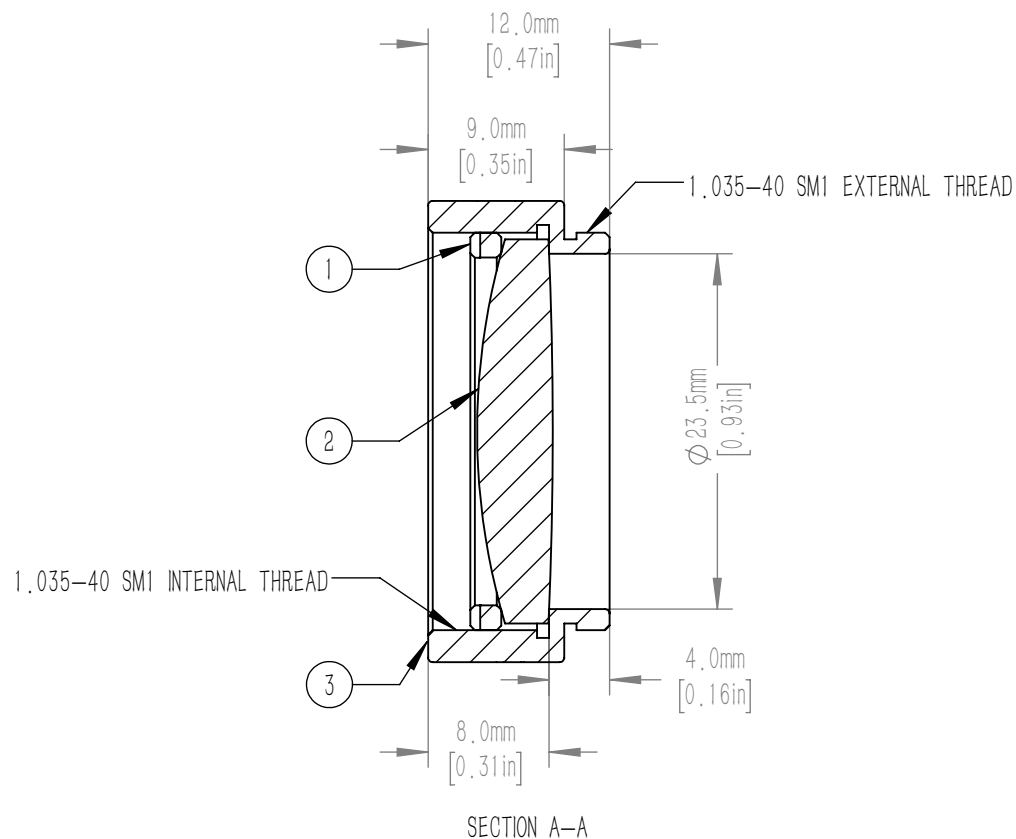
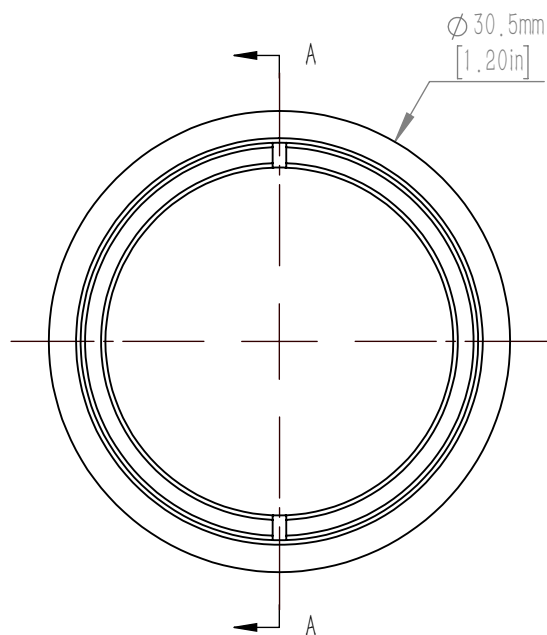


	PART DESCRIPTION	MATERIAL
①	SM1RR	ANODIZED ALUMINUM
②	BFBX1254-75-C	N-BK7
③	SM1L8-A	ANODIZED ALUMINUM



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTHS: 587.6 nm
2. FOCAL LENGTH: 75.0 mm $\pm 1\%$
3. BACK FOCAL LENGTH (REF): 72.1 mm
4. LENS DIAMETER: 25.4 mm $+0.00/-0.10$ mm
5. CLEAR APERTURE: $>90\%$ OF LENS DIAMETER
6. SURFACE QUALITY: 20-10 SCRATCH-DIG
7. CENTRATION: <3 arcmin
8. DIFFRACTION LIMITED DIAMETER @632.8 nm: 8.0 mm
9. DIFFRACTION LIMITED DIAMETER @1064 nm: 9.5 mm
10. 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=75.0, N-BK7, C Coated, Best Form Lens			
DRAWN	CWD	2022/5/18	BFBX1254-75-C-ML			
APPROVAL	ZSE	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			SEE TABLE	0.00945kg	2:1	A