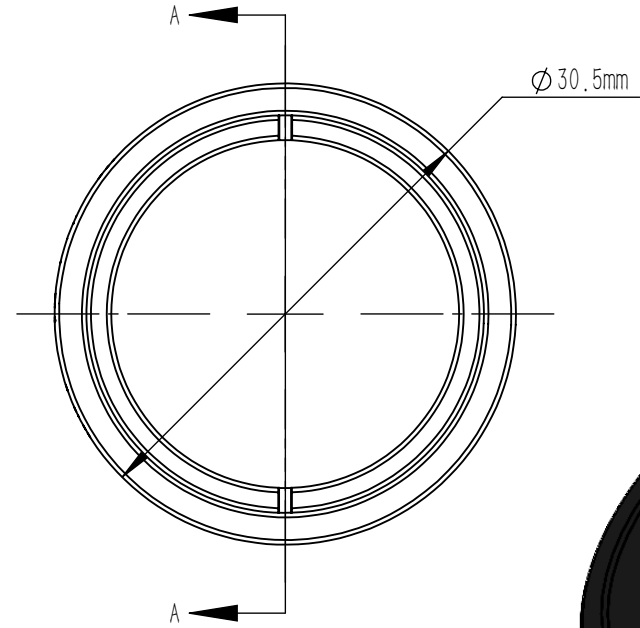
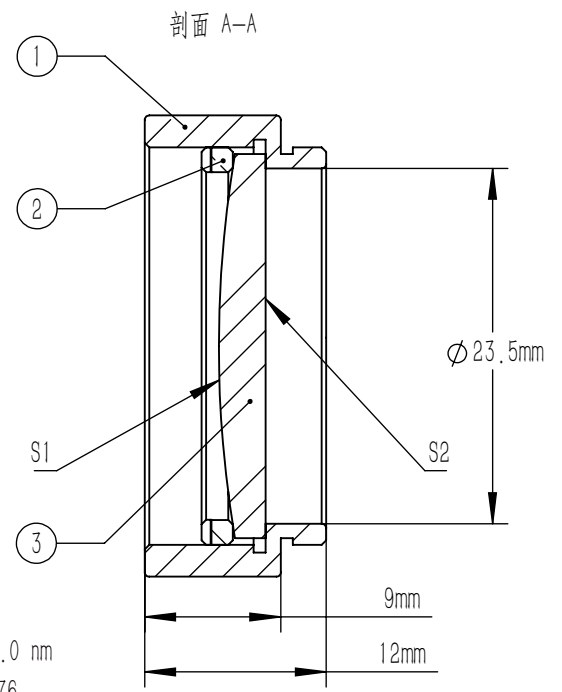


	R	k	A4	A6	A8	A10	A12	A14	A16
S1	76.06	-0.28	-8.4875482e-008	-1.0726422e-011	2.5251935e-014	-2.1802178e-016	1.1056644e-019	7.5352655e-021	-2.8186247e-023
S2	INFINITE	-	-	-	-	-	-	-	-

	Part Description	Material
①	SM1-8A	ANODIZED ALUMINUM
②	SM1R	ANODIZED ALUMINUM
③	AC1615-B	N-BK7

$$Z = \frac{Y^2}{R(1 + \sqrt{1 - (1 + K)Y^2 / R^2})} + A_4 Y^4 + A_6 Y^6 + A_8 Y^8 + A_{10} Y^{10} + A_{12} Y^{12} + A_{14} Y^{14} + A_{16} Y^{16}$$



- NOTES:
- DESIGN WAVELENGTH: 1030.0 nm
 - NUMERICAL APERTURE: 0.076
 - FOCAL LENGTH: 150.00 mm ± 1 %
 - BACK FOCAL LENGTH(REF): 147.94 mm
 - CLEAR APERTURE: >90 %CA
 - DIAMETER TOLERANCE: +0.0/-0.1 mm
 - THICKNESS TOLERANCE: ±0.1 mm
 - CHAMFER: 0.2 mm, 45°
 - WAVEFRONT ERROR(RMS): <0.5 μm
 - SAG DEVIATION(POWER, S1): ±7.5 μm
 - SURFACE IRREGULARITY(S1): <3 FRINGES
 - SURFACE FLATNESS(S2): λ/4
 - SURFACE QUALITY(S/D): 60/40
 - CENTRATION: <3 arcmin
 - AR COATING(S1, S2): Ravg <0.5 % @ 700-1100 nm, 6° AOI

DRAWING PROJECTION			LBTEK			
NAME	DATE	MAC1615-B				
DRAWN	SHAN	NOV./14th/25	ASPHERIC LENS			
APPROVAL	WCHENG	NOV./14th/25	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			N-BK7	21.07 g	2:1	A