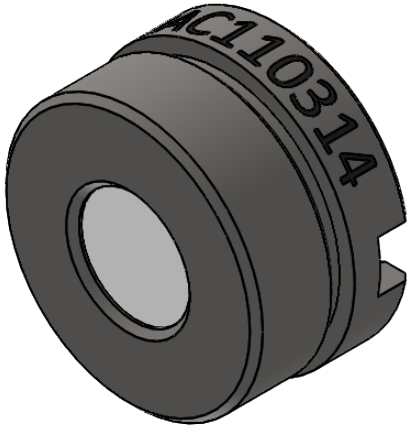
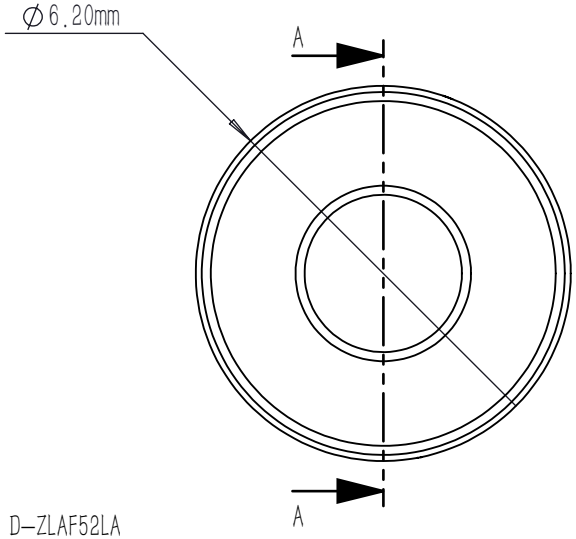
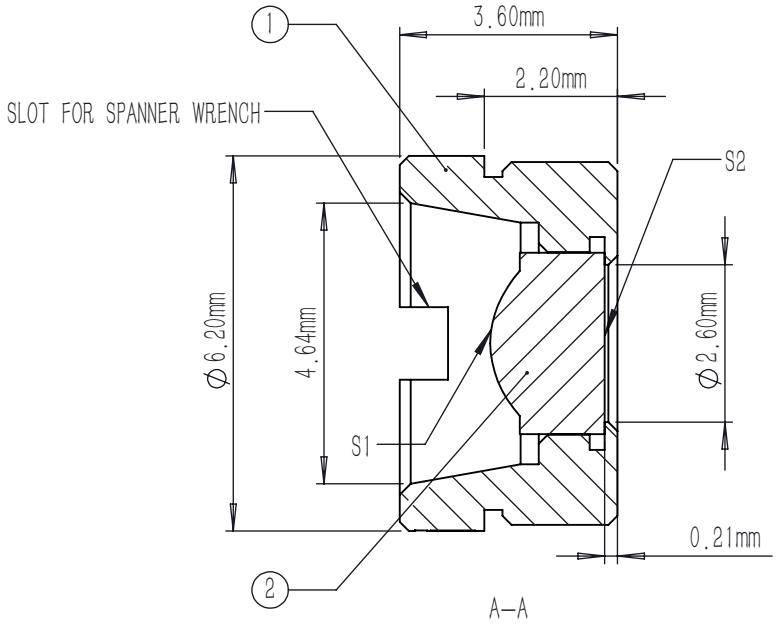
	R	k	A4	A6	A8	A10	A12
S1	1.586014	−2.062694	4.938263E−02	−6.116114E−03	1.717442E−03	−4.643557E−04	5.410885E−05
S2	PLANO	–	–	–	–	–	–

$$z = \frac{Y^2}{R\left(1+\sqrt{1-(1+k)Y^2/R^2}\right)} + A_4Y^4 + A_6Y^6 + A_8Y^8 + A_{10}Y^{10} + A_{12}Y^{12}$$







NOTES:

1. MATERIAL: D-ZLAF52LA
2. DESIGN WAVELENGTH: 780.0 nm
3. WORKING WAVELENGTH: 340 nm–2400 nm
4. CLEAR APERTURE: (S1) ∅2.00 mm, (S2) ∅1.09 mm
5. NUMERICAL APERTURE: 0.5
6. FOCAL LENGTH: 2.0 mm
7. FOCAL LENGTH TOLERANCE: ±1.0 %
8. BACK FOCAL LENGTH(REF): bf=1.0 mm
9. DIAMETER TOLERANCE: ±0.015 mm
10. THICKNESS TOLERANCE: ±0.03 mm
11. CHAMFER: 0.2 mm,45 °
12. SURFACE QUALITY: 40–20 SCRATCH–DIG
13. CENTRATION: <30 arcmin
14. MAXIMUM TEMPERATURE: 250 °C(482 °F)
15. AR COATING: UNCOATED

	PART DESCRIPTION	MATERIAL
①	LENS MOUNT	303 STAINLESS STEEL
②	AC110314	D-ZLAF52LA

DRAWING PROJECTION			LBTEK			
	NAME	DATE	MAC110314			
DRAWN	SHAN	APR./30th/24	ASPHERIC CONDENSER LENS			
APPROVAL	WCHENG	APR./30th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			D-ZLAF52LA	0.51g	8:1	A