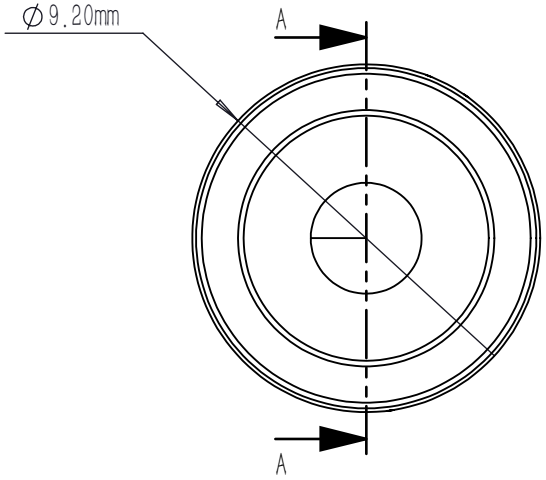
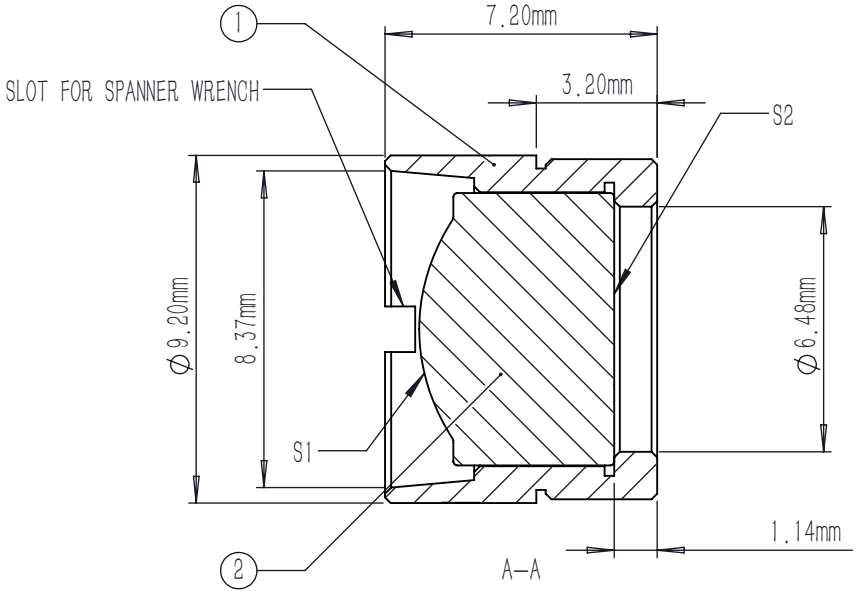
	TYPE	SHAPE	CA	R	k	A4	A6	A8	A10	A12	A14	A16
S1	ASPHERE	CX	∅5.00	4.948365	−1.116618	6.004451E−4	1.364160E−6	−6.907517E−8	0	0	0	0
S2	PLANO	PL	∅2.93	PLANO	0	0	0	0	0	0	0	0

$$Z = \frac{Y^2}{R(1+\sqrt{1-(1+K)Y^2/R^2})} + \sum_i A_{2i} r^{2i}$$





NOTES:

1. MATERIAL: D-ZLAF52LA
2. DESIGN WAVELENGTH: 780 nm
3. WORKING WAVELENGTH: 340 nm–2400 nm
4. CLEAR APERTURE: (S1) ∅5.00 mm, (S2) ∅2.93 mm
5. NUMERICAL APERTURE: 0.4
6. FOCAL LENGTH: 6.2 mm
7. FOCAL LENGTH TOLERANCE: ±1.0 %
8. BACK FOCAL LENGTH(REF): bf=3.5 mm
9. DIAMETER TOLERANCE: ±0.015 mm
10. THICKNESS TOLERANCE: ±0.05 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	AC111619	D-ZLAF52LA

DRAWING PROJECTION			LBTEK			
	NAME	DATE	MAC111619			
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	2.02g	5:1	A