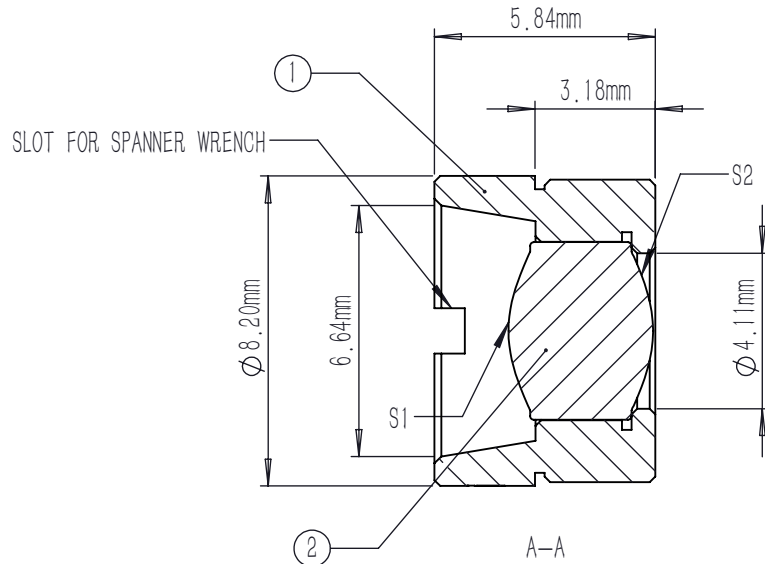
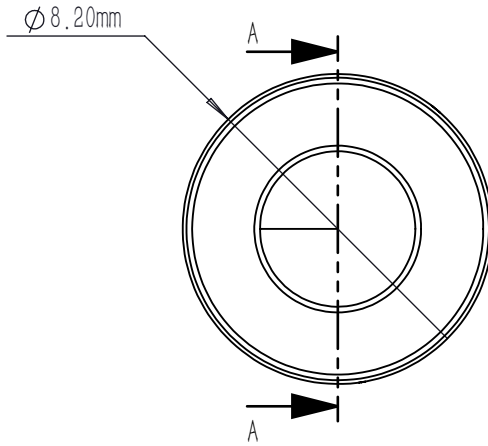


	TYPE	SHAPE	CA	R	k	A4	A6	A8	A10	A12	A14	A16
S1	ASPHERE	CX	∅4.12	3.200655	4.321649	5.521153E-3	-1.981378E-3	4.782553E-4	-7.328134E-5	5.920460E-6	-9.104334E-8	-1.291935E-8
S2	PLANO	PL	∅3.76	-3.200655	-4.321649	-5.521153E-3	1.981378E-3	-4.782553E-4	7.328134E-5	-5.920460E-6	9.104334E-8	1.291935E-8

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



NOTES:

1. MATERIAL: D-ZLAF52LA
2. DESIGN WAVELENGTH: 980 nm
3. WORKING WAVELENGTH: 340 nm-2400 nm
4. CLEAR APERTURE: (S1) ∅4.12 mm, (S2) ∅3.76 mm
5. NUMERICAL APERTURE: 0.3(S1), 0.5(S2)
6. FOCAL LENGTH: 2.8 mm
7. FOCAL LENGTH TOLERANCE: ±1.0 %
8. BACK FOCAL LENGTH(REF): BF1=7.1 mm & BF2=2.7 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	AC111116	D-ZLAF52LA

DRAWING PROJECTION			LBTEK			
	NAME	DATE	MAC111116			
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	1.51g	5:1	A