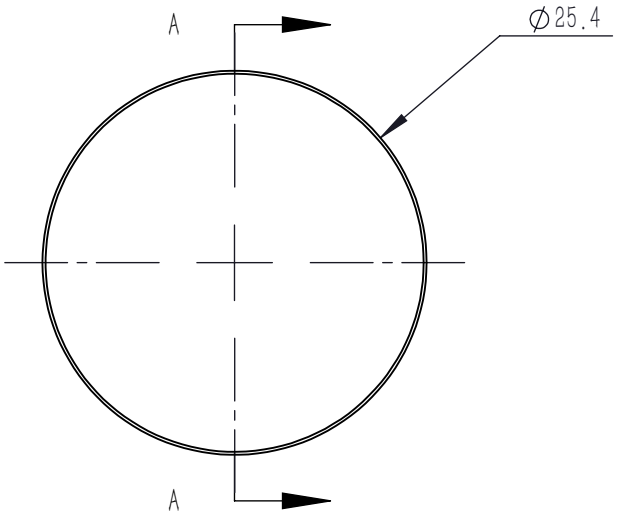
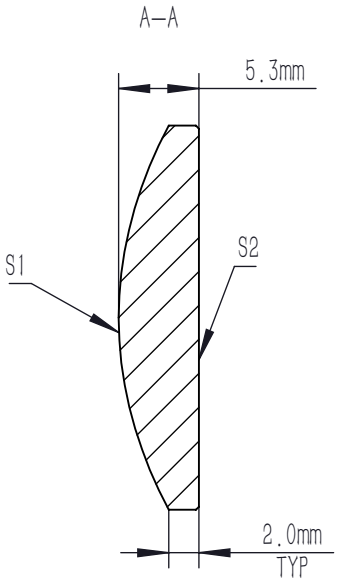
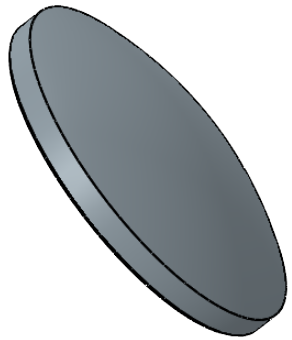
	R	k	A4	A6	A8	A10	A12
S1	24.861	−1.974	1.044E−05	−6.403E−09	−4.465E−12	8.835E−14	−2.968E−16
S2	INFINITE	–	–	–	–	–	–

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







NOTES:

1. DESIGN WAVELENGTH: 780.0 nm
2. NUMERICAL APERTURE: 0.336
3. FOCAL LENGTH: 32.0 mm
4. FOCAL LENGTH TOLERANCE: ±1 %
5. BACK FOCAL LENGTH(REF): BF=29.0 mm
6. CLEAR APERTURE: >90 %CA
7. DIAMETER TOLERANCE: +0.0/−0.1 mm
8. THICKNESS TOLERANCE: ±0.1 mm
9. CHAMFER: 0.2 mm,45 °
10. SURFACE QUALITY: 60/40 (S/D)
11. SURFACE IRREGULARITY(S1): 3λ/2
12. SURFACE FLATNESS(S2): 3 μm
13. CENTRATION: ≤3 arcmin
14. AR COATING(S1,S2): Ravg<0.5%@700−1100 nm,6 ° AOI

DRAWING PROJECTION			LBTEK			
	NAME	DATE	AC7612−B			
DRAWN	SHAN	APR./18th/24	ASPHERIC LENS			
APPROVAL	WCHENG	APR./18th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			S−LAH64	4.67g	2:1	B