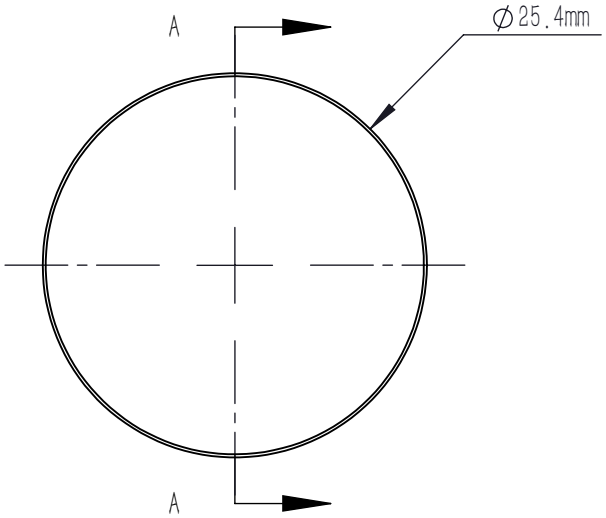
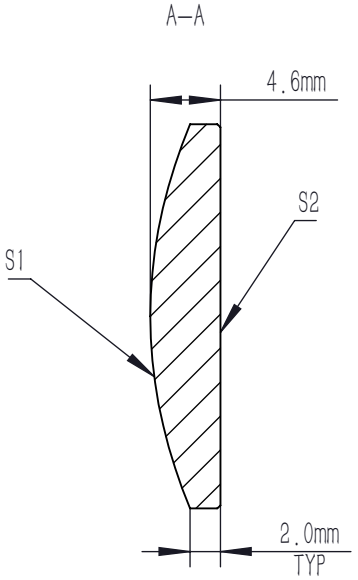
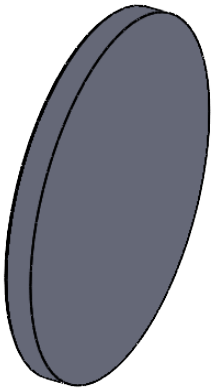
	R	k	A4	A6	A8	A10	A12
S1	31.076	−1.711	4.199E−06	−1.074E−09	−5.076E−12	5.162E−14	−1.653E−16
S2	INFINITE	−	−	−	−	−	−

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







NOTES:

1. MATERIAL: S−LAH64
2. DESIGN WAVELENGTH: 780.0 nm
3. NUMERICAL APERTURE: 0.27
4. FOCAL LENGTH: 40.0 mm
5. FOCAL LENGTH TOLERANCE: ±1 %
6. BACK FOCAL LENGTH(REF): BF=37.4 mm
7. CLEAR APERTURE: >90 %CA
8. DIAMETER TOLERANCE: +0.0/−0.1 mm
9. THICKNESS TOLERANCE: ±0.1 mm
10. CHAMFER: 0.2 mm,45 °
11. SURFACE IRREGULARITY(S1): 3λ/2
12. SURFACE FLATNESS(S2): λ/4
13. SURFACE QUALITY: 60−40 SCRATCH−DIG
14. CENTRATION: <3 arcmin
15. AR COATING(S1,S2): Ravg<0.5 %@700−1100 nm,6 °AOI

DRAWING PROJECTION			LBTEK			
	NAME	DATE	AC7607−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	6.06g	2:1	B