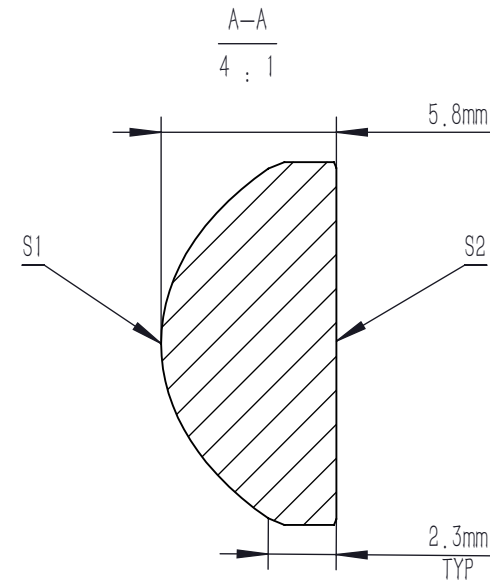
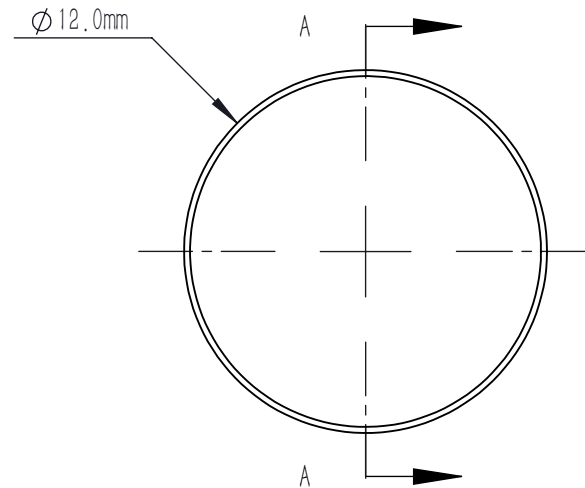
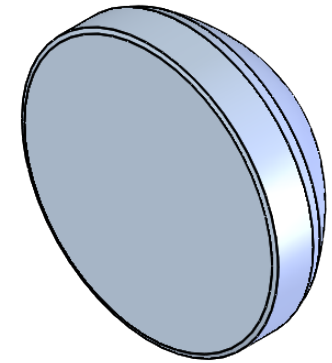


ASPHERIC COEFFICIENTS

	R	k	A4
S1	5.492	-0.6230	8.7E-05
S2	PLANO	-	-

ASPHERIC LENS EQUATION

$$z = \frac{Y^2}{R(1 + \sqrt{1 - (1 + k)Y^2/R^2})} + A_4 Y^4$$



NOTES

- MATERIAL: B270
- DESIGN WAVELENGTH: 633.0 nm
- WORKING WAVELENGTH: 1100 nm-1650 nm
- NUMERICAL APERTURE: 0.54
- F/#: 0.97
- FOCAL LENGTH: 10.5 mm
- FOCAL LENGTH TOLERANCE: ±8%
- BACK FOCAL LENGTH(REF): bf=7.0 mm
- CLEAR APERTURE: >90%CA
- DIAMETER TOLERANCE: +0.0/-0.5 mm
- THICKNESS TOLERANCE: ±0.3 mm
- CHAMFER: 0.2 mm, 45°
- SURFACE QUALITY: 80-50 SCRATCH-DIG
- CENTRATION: <30 arcmin
- MAXIMUM TEMPERATURE: 250 °C(482 °F)
- AR COATING: Ravg<0.5%@1100 nm-1650 nm, 6° AOI

DRAWING PROJECTION			LBTEK			
		NAME	DATE	AC4202-C		
DRAWN	BSHU	Aug./1st/24	Ø 12.0 mm, F=10.5 mm, NA=0.54 ASPHERIC CONDENSER LENS AR COATING 1100-1650 nm			
APPROVAL	WCHENG	Aug./1st/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			B270	1.09g	5:1	A