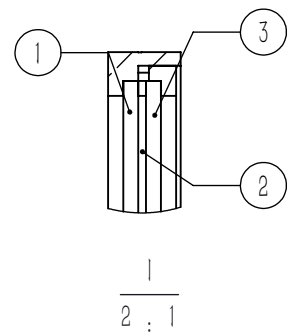
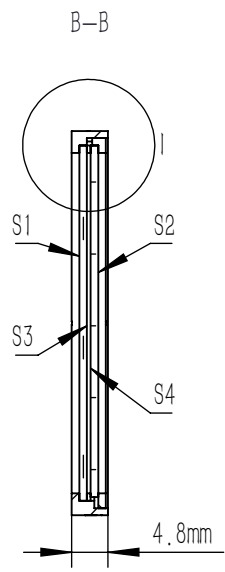
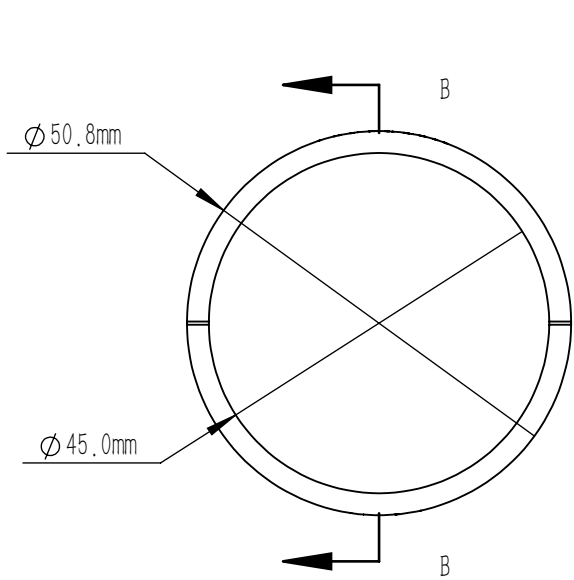
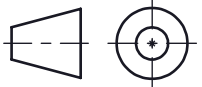


NUMBER	PART DESCRIPTION	MATERIAL
①	WAVEPLATE	QUARTZ
②	GASKET	GASKET
③	WAVEPLATE	QUARTZ



NOTES

- 1. CLEAR APERTURE: $\varnothing 45.0\text{ mm}$
- 2. DELAY: $\lambda/2@1064\text{ nm}$
- 3. DELAY TOLERANCE: $\pm \lambda/200@1064\text{ nm}$
- 4. WAVEFRONT ERROR: $\lambda/6 @632.8\text{ nm}$
- 5. AR COATING: V coating @1064 nm,
(S1,S2,S3,S4): $R_{avg}<0.25\%$ (6° AOI,SINGLE SURFACE)
- 6. CHAMFER: 45° , <0.2mm
- 7. SURFACE QUALITY(S1,S2,S3,S4): 40/20(S/D)
- 8. PARALLELISM(S1,S2,S3,S4): <10 arcsec

DRAWING PROJECTION 			LBTEK			
	NAME	DATE	HWP51-1064B			
DRAWN	LTAN	JUN./17th/26	QUARTZ ZERO-ORDER WAVEPLATE $\varnothing 50.8\text{ mm}, \lambda/2@1064\text{ nm}$			
APPROVAL	WCHENG	JUN./17th/26	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			QUARTZ	14 g	1:1	B