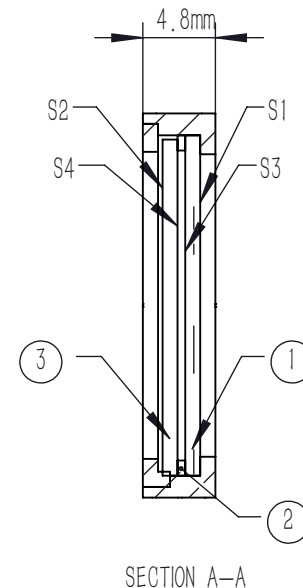
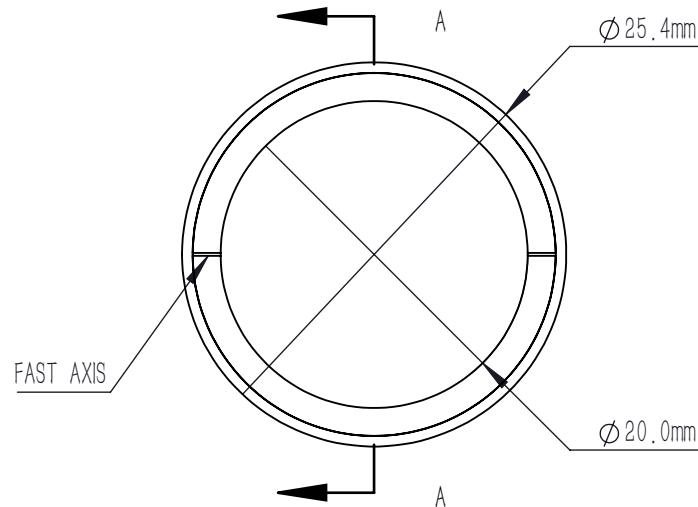
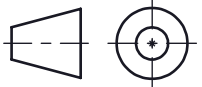




NOTES

1. DESIGN WAVELENGTH: 520 nm
2. CLEAR APERTURE: $\varnothing 20$ mm
3. DELAY: $\lambda/2$
4. DELAY TOLERANCE: $\pm \lambda/300$
5. WAVEFRONT ERROR(RMS): $\lambda/8$ @632.8 nm
6. AR COATING: V coating @520 nm,
(S1,S2,S3,S4): $R_{avg} < 0.25\%$ (6° AOI, SINGLE SURFACE)
7. CHAMFER: 45° , < 0.2 mm
8. SURFACE QUALITY(S1,S2,S3,S4): 20/10(S/D)
9. PARALLELISM(S1,S2,S3,S4): < 10 arcsec

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

DRAWING PROJECTION 			LBTEK			
	NAME	DATE	HWP20-520B			
DRAWN	LZHOU	JUL./5th/24	QUARTZ ZERO-ORDER WAVEPLATE $\varnothing 25.4$ mm, 20 mm CA, $\lambda/2$ @520 nm			
APPROVAL	WCHENG	JUL./5th/24	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			QUARTZ	4.0 g	2:1	B