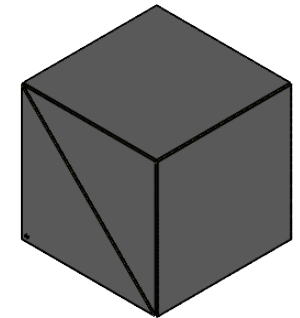
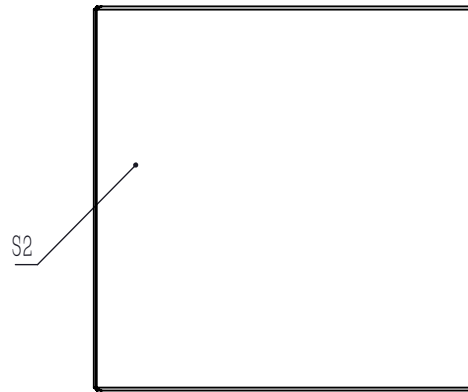


SPLITTING COATING(BEVEL FACE IN THE TRIANGULAR PRISM WITH DOT)

NOTES

1. CLEAR APERTURE: >80% WxL
2. DIAMETER TOLERANCE: +0.0/-0.1 mm
3. EXTINCTION RATIO(Tp:Ts): >2000:1
4. DESIGN WAVELENGTH: 355 nm
5. TRANSMITTED BEAM DEVIATION: ≤5 arcmin
6. REFLECTED BEAM DEVIATION: ≤90° ±5 arcmin
7. SURFACE QUALITY(S/D): 40/20
8. WAVEFRONT ERROR(RMS): <λ/4@633 nm
9. PARALLELISM(S1,S2,S3,S4): ≤10 arcsec
10. AR COATING(S1,S2,S3,S4): V Coating @355 nm,Rabs: <0.25%,0° AOI
11. S POLARIZATION REFLECTION: >99.5%
12. P POLARIZATION TRANSMISSION: >95%
13. CHAMFER: <0.5 mm×45°
14. OPERATING TEMPERATURE: -50°C ~90°C
15. GLUED(S5,S6): LIGHT GLUE PROCESS



DRAWING PROJECTION			<b>LBTEK</b>			
	NAME	DATE				
DRAWN	LTAN	Aug./31st/25	LASER LINE POLARIZATION BEAM SPLITTER L=25.4 mm, Tp:Ts>2000:1@355 nm			
APPROVAL	WCHENG	Aug./31st/25	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UVFS	36 g	2:1	B