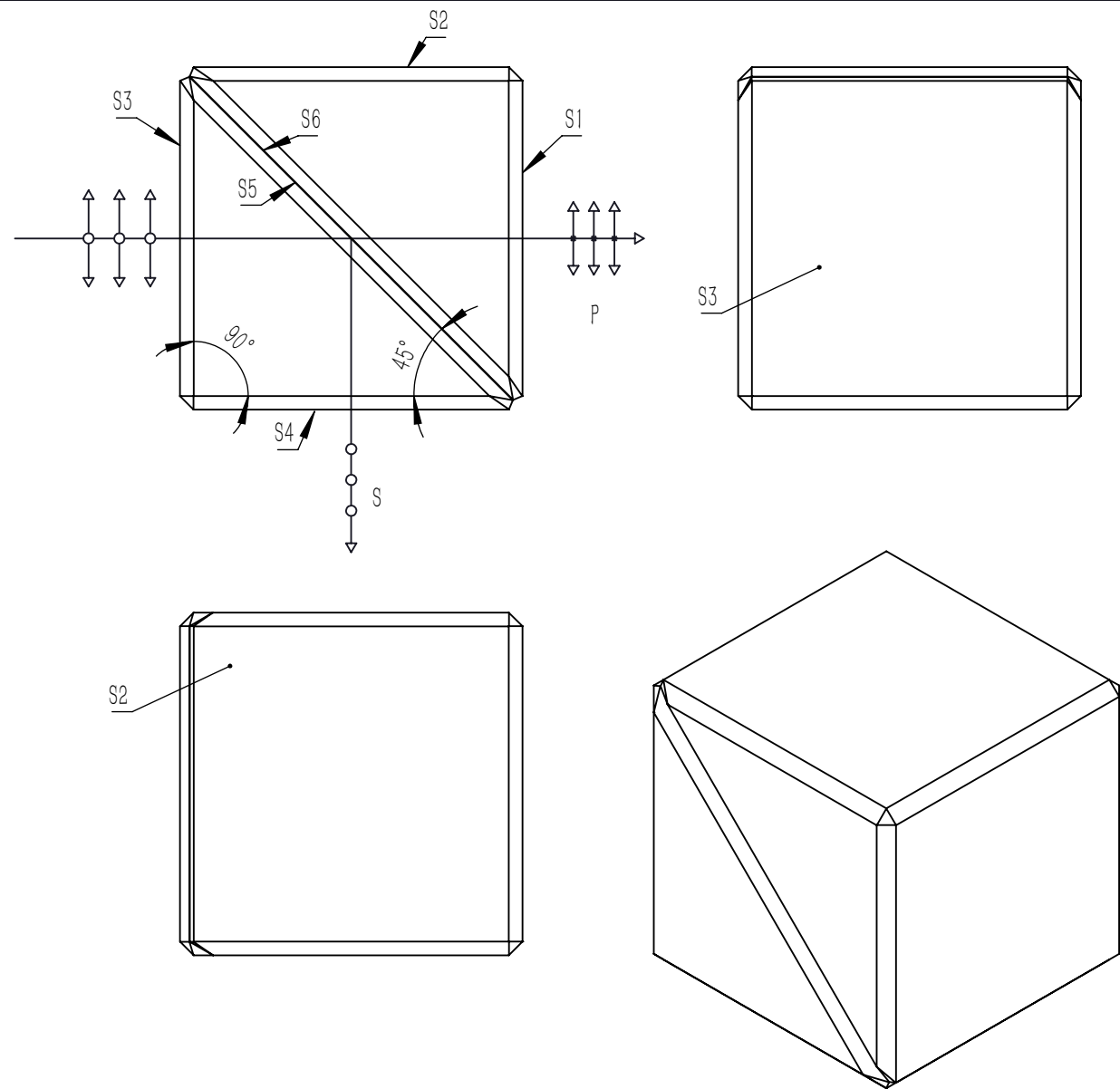
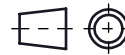




1. CLEAR APERTURE: $>80\%$ WxL
2. DIAMETER TOLERANCE: $+0.0/-0.1$ mm
3. EXTINCTION RATIO($T_p:T_s$): $>2000:1$
4. DESIGN WAVELENGTH: 405 nm
5. TRANSMITTED BEAM DEVIATION: ≤ 5 arcmin
6. REFLECTED BEAM DEVIATION: $\leq 90^\circ \pm 5$ arcmin
7. SURFACE QUALITY(S/D): 20/10
8. WAVEFRONT ERROR(RMS): $< \lambda/4@633$ nm
9. PARALLELISM(S1,S2,S3,S4): ≤ 10 arcsec
10. AR COATING(S1,S2,S3,S4): V Coating @405 nm, $R_{abs}: <0.25\%, 0^\circ$ AOI
11. S POLARIZATION REFLECTION: $>99.5\%$
12. P POLARIZATION TRANSMISSION: $>97\%$
13. CHAMFER: <0.5 mm $\times 45^\circ$
14. OPERATING TEMPERATURE: $-50^\circ \sim 90^\circ$
15. GLUED(S5,S6): LIGHT GLUE PROCESS

DRAWING PROJECTION						PBS25—405HP						
	NAME		DATE		POLARIZATION BEAM SPLITTER			MATERIAL	WEIGHT	SCALE	REV	
DRAWN		NIC		21/October/2025				FOLLOW THE PARTS	0.000	10:1		
APPROVAL		DICK		21/October/2025				shop.zolix.com.cn				
THE DRAWINGS ARE ONLY FOR TYPE SELECTION INFORMATION												