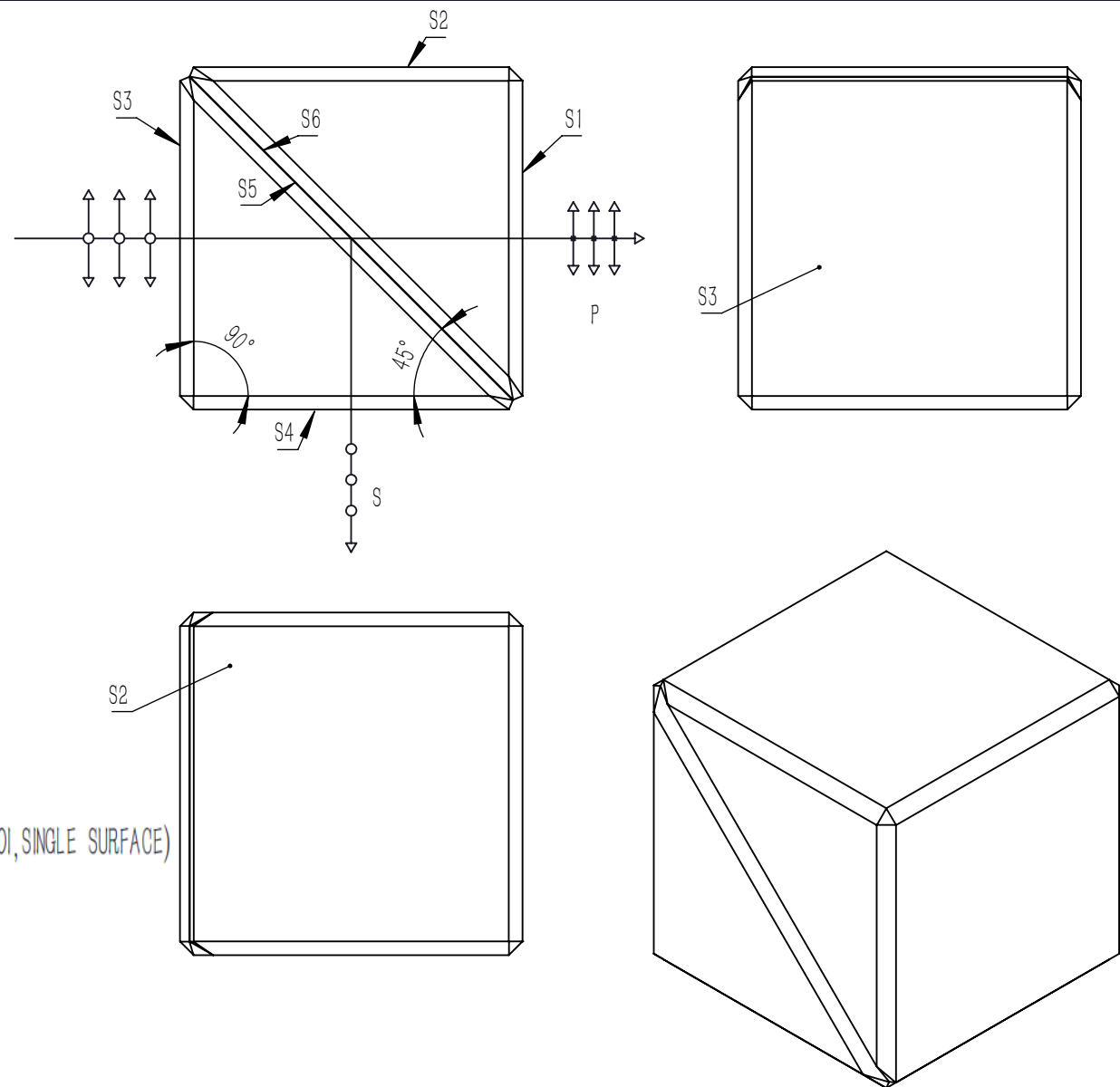




1. CLEAR APERTURE: $>80\%CA$
2. AR COATING(S1,S2,S3,S4): $R_{avg} < 0.5\%$ @1200 nm–1600 nm(6° AOI, SINGLE SURFACE)
3. DIAMETER TOLERANCE: ± 0.25 mm
4. ANGLE TOLERANCE: $\pm 1'$
5. COATING(S5): $T_p > 90\%$, $R_s, avg > 95\%$ @1200 nm–1600 nm, AOI= 45°
6. GLUED(S5,S6): NOA61
7. EXTINCTION RATIO(T_p, T_s): $>1000:1$
8. TRANSMITTED BEAM DEVIATION: $0^\circ \pm 5$ arcmin
9. REFLECTED BEAM DEVIATION: $90^\circ \pm 5$ arcmin
10. SURFACE QUALITY(S1,S2,S3,S4): 40/20(S/D)
11. WAVEFRONT ERROR(RMS): $\lambda/4@633$ nm
12. SURFACE FLATNESS(S1,S2,S3,S4): $\lambda/4@633$ nm
13. OTHER SURFACES: FINE GROUND
14. CHAMFER: <0.2 mm, 45°

DRAWING PROJECTION			PBS12-D		Zolix			
	NAME	DATE	POLARIZATION BEAM SPLITTER		MATERIAL	WEIGHT	SCALE	REV
DRAWN	NIC	21/October/2025						
APPROVAL	DICK	21/October/2025						
THE DRAWINGS ARE ONLY FOR TYPE SELECTION INFORMATION					FOLLOW THE PARTS	0.000	10:1	
					shop.zolix.com.cn			