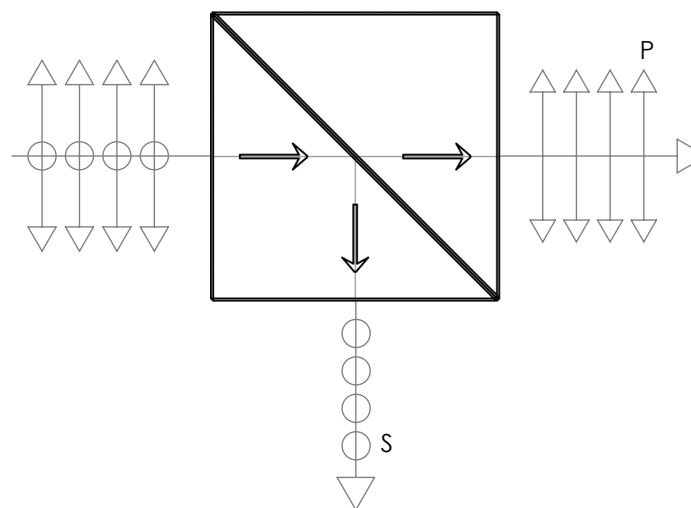
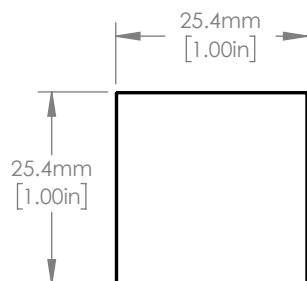
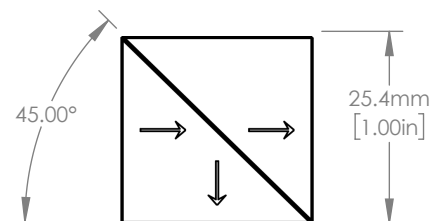




NOTES/SPECIFICATIONS

1. WAVELENGTH RANGE: 700-1300 nm
2. CLEAR APERTURE: >20.32 mm X 20.32 mm
3. TRANSMITTED WAVEFRONT ERROR: $<\lambda/4$ OVER $\varnothing 20.32$ mm AT 633 nm
4. DIMENSIONAL TOLERANCE: +0.0/-0.2 mm
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. TRANSMITTED BEAM DEVIATION: $0^\circ \pm 5$ arcmin
7. REFLECTED BEAM DEVIATION: $90^\circ \pm 5$ arcmin
8. OVERALL PERFORMANCE:
EXTINCTION RATIO: >1000:1
TRANSMISSION EFFICIENCY: $T_p > 90\%$
REFLECTION EFFICIENCY: $R_s \text{ avg} > 95\%$
9. COATING (ALL OUTER OPTICAL SURFACES): BBR 700-1300 nm, $R_{\text{avg}} < 1.0\%$

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION						
	NAME	DATE	25.4mm Polarizing Beamsplitter Cube, 700-1300nm			
DRAWN	CWD	2022/5/18	PBS254-700-1300			
APPROVAL	ZSB	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLYNOT FOR MANUFACTURING PURPOSES			N-SF1	0.05kg		B