



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: >8.0 mm x 8.0 mm
2. SURFACE QUALITY (S1-S4): 40-20 SCRATCH-DIG
3. DIMENSIONAL TOLERANCE: +0.0/-0.2 mm
4. TRANSMITTED WAVEFRONT ERROR: <math><\lambda/4</math> AT 633 nm OVER $\varnothing 8.0$ mm
5. EXTINCTION RATIO: $T_p/T_s > 3000:1$
6. TRANSMITTED BEAM DEVIATION: $0^\circ \pm 5$ arcmin
7. REFLECTED BEAM DEVIATION: $90^\circ \pm 5$ arcmin
8. TRANSMISSION EFFICIENCY: $T_p > 95\%$
9. REFLECTION EFFICIENCY: $R_s > 99.5\%$
10. COATING (S1-S4): VAR AT 1550 nm, $R_{abs} < 0.25\%$, 0° AOI

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION						
	NAME	DATE	10mm Polarizing Beamsplitter Cube, 1550nm			
DRAWN	CWD	2022/5/18	PBS010-1550			
APPROVAL	ZSB	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UV FUSED SILICA	0.0022kg		B