



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>\lt; \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 532 nm,  $R_{abs} < 0.25\%$ ,  $0^\circ$  AOI

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION							
	NAME	DATE	10mm Polarizing Beamsplitter Cube, 532nm				
DRAWN	CWD	2022/5/18	PBS010-532				
APPROVAL	ZSB	2022/5/18	MATERIAL	WEIGHT	SCALE	REV	
FOR INFORMATION ONLY NOT FOR MANUFACTURING PURPOSES			UV FUSED SILICA	0.0022kg		B	