

NOTES/SPECIFICATIONS

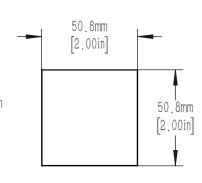
- 1. WAVELENGTH RANGE: 1200-1600 nm
- 2. CLEAR APERTURE: >40.64 mm X 40.64 mm
- 3. TRANSMITTED WAVEFRONT ERROR: $<\lambda$ /4 OVER 40.64 mm AT 633 nm
- 4. DIMENSIONAL TOLERANCE: +0.0/-0.2 mm
- 5. SURFACE QUALITY: 40-20 SCRATCH-DIG
- 6. TRANSMITTED BEAM DEVIATION: 0° \pm 5 arcmin
- 7. REFLECTED BEAM DEVIATION: 90° ±5 arcmin
- 8. OVERALL PERFORMANCE:

EXTINCTION RATIO: >1000.1

TRANSMISSION EFFICIENCY: Tp>90%

REFLECTION EFFICIENCY: Rs avg>99.5% (WITNESS SAMPLE)

9. COATING (ALL OUTER OPTICAL SURFACES). BBAR 1200-1600 nm, Ravg <0.5%



DRAWING PROJECTION	$\bigcirc \bigcirc$		客创光科 RCOPTICS			
	NAME	DATE	50.8mm Polarizing Beamsplitter Cube, 1200 - 1600 nm			
DRAWN	CWD	2022/5/18	PBS508-1200-1600			
APPROVAL	ZSB	2022/5/18	MATERIAL	WEIGHT	SCALE	REV
FOR INFORMATION ONLYNOT FOR			N-SF1	0. 4kg	1:1	A

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NOT FOR MANUFACTURING PURPOSES