



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: >8.0 x8.0 mm
2. SURFACE QUALITY: 40-20 SCRATCH-DIG
3. DIMENSIONAL TOLERANCE: +0.0/-0.2 mm
4. TRANSMITTED WAVEFRONT ERROR: $<\lambda/4$ AT 633 nm
5. TRANSMITTED BEAM DEVIATION: $0^\circ \pm 5$ arcmin
6. REFLECTED BEAM DEVIATION: $90^\circ \pm 5$ arcmin
7. COATING (ALLOUTER OPTICAL SURFACES): BBAR 1100-1600 nm, $R_{avg} < 0.5\%$, 0° AOI
8. OVERALL PERFORMANCE: $T_{abs} = 47 \pm 10\%$, $R_{abs} = 47 \pm 10\%$, $T_{abs} + R_{abs} > 83\%$, $T_{avg} + R_{avg} > 88\%$, $|T_s - T_p| < 10\%$ AND $|R_s - R_p| < 10\%$, 1100-1600 nm, 0° AOI

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 www.thorlabs.com	
	NAME	DATE		
DRAWN	YB	17/JAN/23	10.0 mm NON-POLARIZING 50:50 BEAMSPLITTER CUBE, BBAR: 1100-1600 nm	
APPROVAL	DS	15/FEB/23	MATERIAL	REV
COPYRIGHT © 2023 BY THORLABS <small>VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS</small>			N-BK7	G
			ITEM #	APPROX WEIGHT
			BS012	2.5 g