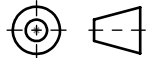


NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: >3.5 X3.5 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(ALL OUTER OPTICAL SURFACES): BBAR 700-1100 nm, $R_{avg} < 0.5\%$, 0° AOI
8. OVERALL PERFORMANCE: $T_{abs} = 47 \pm 10\%$, $R_{abs} = 47 \pm 10\%$,
 $T_{abs} + R_{abs} > 90\%$, $|T_s - T_p| < 10\%$ and $|R_s - R_p| < 10\%$, 700-1100 nm, 0° AOI

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION					THORLABS www.thorlabs.com	
	NAME	DATE			5.0 mm NON-POLARIZING 50:50 BEAMSPLITTER CUBE, BBAR: 700-1100 nm	
DRAWN	YB	12/JAN/23	MATERIAL		N-BK7	
APPROVAL	DS	19/JAN/23	ITEM #		BS008	REV G
COPYRIGHT © 2023 BY THORLABS			VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS		APPROX WEIGHT 0.3 g	