



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: > 20.3x 20.3 mm
2. SURFACE QUALITY: 40-20 SCRATCH-DIG
3. TRANSMITTED WAVEFRONT ERROR: $< \lambda/4$ AT 633 nm
4. TRANSMITTED BEAM DEVIATION: $0^\circ \pm 5$ arcmin
5. REFLECTED BEAM DEVIATION: $90^\circ \pm 5$ arcmin
6. DIMENSIONAL TOLERANCE: +0.0/-0.2 mm
7. COATING (ALL OUTER OPTICAL SURFACES): BBAR 1100-1600 nm, $R_{avg} < 0.5\%$, 0° AOI
8. OVERALL PERFORMANCE: $T_{abs} = 87 \pm 10\%$, $R_{abs} = 7 + 10/-5\%$, $T_{abs} + R_{abs} > 85\%$, $|T_s - T_p| < 10\%$ AND $|R_s - R_p| < 10\%$, 1100-1600 nm, 0° AOI

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 www.thorlabs.com 25.4 mm NON-POLARIZING 10:90 BEAMSPLITTER CUBE 1100-1600 nm	
DRAWN	YB	DATE		
APPROVAL	GG	DATE	07/JUL/23	MATERIAL
COPYRIGHT © 2023 BY THORLABS				N-BK7
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			BS027	41.1 g