



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: $> \varnothing 10.16\text{ mm}$
2. SURFACE FLATNESS (S1, S2): $\lambda/10$ AT 633 nm OVER CLEAR APERTURE
3. SURFACE QUALITY (S1, S2): 10-5 SCRATCH-DIG
4. THICKNESS TOLERANCE: $\pm 0.1\text{ mm}$
5. DIAMETER TOLERANCE: $+ 0.00/-0.20\text{ mm}$
6. WEDGE TOLERANCE: $\pm 10\text{ arcmin}$
7. COATING (S1): $R_{\text{avg}} > 99\%$ AT 532 nm, $T_{\text{avg}} > 95\%$ AT 1064 nm
AOI: 45°
8. COATING (S2): V-COAT AT 1064 nm, $R_{\text{avg}} < 0.5\%$, AOI: 45°

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			THORLABS www.thorlabs.com	
NAME	DATE			
DRAWN	TK	21/NOV/12	$\varnothing 12.7\text{ mm}$ HARMONIC BEAMSPLITTER, 2ND HARMONIC ND:YAG	
APPROVAL	BW	15/OCT/21	MATERIAL	REV
COPYRIGHT © 2021 BY THORLABS			UV FUSED SILICA	B
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM # HBSY052	APPROX WEIGHT 1 g