



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE:  $> \varnothing 10.16$  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:  $\pm 0.1$  mm
5. DIAMETER TOLERANCE:  $+ 0.00/-0.20$  mm
6. WEDGE TOLERANCE:  $\pm 10$  arcmin
7. COATING (S1):  $R_{avg} > 99\%$  AT 1064 nm,  $T_{avg} > 95\%$  AT 532 nm  
AOI:  $45^\circ$
8. COATING (S2): V-COAT AT 532 nm,  $R_{avg} < 0.5\%$ , AOI:  $45^\circ$

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 www.thorlabs.com	
NAME	DATE			
DRAWN	TK	21/NOV/12	$\varnothing 12.7$ mm HARMONIC BEAMSPLITTER, 1ST HARMONIC ND:YAG	
APPROVAL	BW	15/OCT/21	MATERIAL	REV
COPYRIGHT © 2021 BY THORLABS <small>VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS</small>			UV FUSED SILICA	B
			ITEM #	APPROX WEIGHT
			HBSY051	1 g