



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE:  $> \phi 40.64$  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 532 nm,  $T_{avg} > 95\%$  AT 1064 nm  
AOI:  $45^\circ$
8. COATING (S2): V-COAT AT 1064 nm,  $R_{avg} < 0.5\%$ , AOI:  $45^\circ$

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 <a href="http://www.thorlabs.com">www.thorlabs.com</a>	
NAME	DATE			
DRAWN	TK	21/NOV/12	$\phi 50.8$ mm HARMONIC BEAMSPLITTER, 2ND 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		
HBSY22		36 g		