



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE:  $\geq \varnothing 11.43\text{mm}$
2. SURFACE QUALITY: 40-20 SCRATCH-DIG
3. TRANSMITTED WAVEFRONT ERROR:  $< \lambda/4$  AT 633nm
4. PARALLELISM:  $\leq 3$  arcmin
5. FILTER COATING (S1)  
REFLECTION BAND (R):  $>95\%$  AVERAGE,  $>90\%$  ABSOLUTE 823-1300nm  
TRANSMISSION BAND (T):  $>90\%$  AVERAGE,  $>85\%$  ABSOLUTE 400-788nm  
45° AOI
6. AR COATING (S2)  
R:  $<2\%$  ABSOLUTE 400-800nm, 45° AOI

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			<b>THORLABS</b> www.thorlabs.com $\varnothing 12.7\text{mm}$ DICHOIC MIRROR, SHORPASS, 805nm	
NAME	DATE			
DRAWN	CS	13/SEP/12	MATERIAL UV GRADE FUSED SILICA	
APPROVAL	MI	19/JAN/15		
COPYRIGHT © 2014 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			DMSP805T	0.81 g