



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE:  $> \phi$  11.43 mm
2. SURFACE QUALITY: 40-20 SCRATCH-DIG
3. TRANSMITTED WAVEFRONT ERROR:  $< \lambda/4$  AT 633nm
4. PARALLELISM:  $< 3$  arcmin
5. FILTER COATING (S1):  
 REFLECTION BAND (R):  $> 95\%$  AVERAGE,  $> 90\%$  ABSOLUTE 1260-1700nm  
 TRANSMISSION BAND (T):  $> 90\%$  AVERAGE,  $> 85\%$  ABSOLUTE 750-1100nm  
 45° AOI
6. AR COATING (S2):  
 R:  $< 2\%$  ABSOLUTE 750-1100nm, 45° AOI

FOR INFORMATION ONLY  
 NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			<b>THORLABS</b> <a href="http://www.thorlabs.com">www.thorlabs.com</a> $\phi$ 12.7mm SHORTPASS DICHOIC MIRROR 1180nm	
	NAME	DATE		
DRAWN	MG	03/JUNE/14	MATERIAL <b>UV GRADE FUSED SILICA</b>	
APPROVAL	CS	10/JUNE/14		
COPYRIGHT © 2014 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM # <b>DMSP1180T</b>	APPROX WEIGHT <b>1 g</b>
			REV <b>A</b>	