



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE:  $\geq 90\%$  OF DIAMETER
2. TRANSMITTED WAVEFRONT ERROR:  $\lambda/4$  @ 633nm OVER CLEAR APERTURE
3. SURFACE QUALITY: 40-20 SCRATCH-DIG
4. PARALLELISM:  $\leq 3$  arcmin OVER CLEAR APERTURE
5. COATING AOI (S1, S2):  $45^\circ$
6. FILTER COATING (S1)  
REFLECTION BAND (R):  $> 90\%$  ABSOLUTE 1550-2000nm  
TRANSMISSION BAND (T):  $> 90\%$  AVERAGE,  $>85\%$  ABSOLUTE 1000-1450nm
7. AR COATING (S2)  
R:  $< 2\%$  ABSOLUTE 932-1700nm

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			<b>THORLABS</b> www.thorlabs.com	
NAME	DATE	Ø 50.8mm DICHOIC MIRROR, SHORT PASS 1500nm		
DRAWN	TW	17/OCT/11	MATERIAL	
APPROVAL	DD	26/FEB/14	UV GRADE FUSED SILICA	REV E
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VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			DMSP1500L	0.12 kg