



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> <a href="http://www.thorlabs.com">www.thorlabs.com</a> Ø 25.4mm DICHOIC MIRROR, SHORT PASS 1500nm	
NAME	DATE			
DRAWN	TW	17/OCT/11	MATERIAL UV GRADE FUSED SILICA	
APPROVAL	DD	26/FEB/14		
COPYRIGHT © 2011 BY THORLABS			ITEM #	APPROX WEIGHT
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			DMSP1500	0.05 kg

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