



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE:  $\geq 22.5 \times 32.4$ mm
2. TRANSMITTED WAVEFRONT ERROR:  $\lambda/4$  AT 633nm OVER CLEAR APERTURE
3. SURFACE QUALITY: 40-20 SCRATCH-DIG
4. PARALLELISM:  $< 3$  arcmin
5. COATING AOI (S1, S2):  $45^\circ$
6. FILTER COATING (S1):  
 TRANSMISSION BAND (T): 420-900nm,  $T_{avg} > 90\%$ ,  $T_{abs} > 85\%$   
 REFLECTION BAND (R): 990-1600nm,  $R_{avg} > 95\%$ ,  $R_{abs} > 90\%$
7. AR COATING (S2): BBAR 420-900nm,  $R_{avg} < 2\%$

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

|  |      |           |  |               |
|--|------|-----------|--|---------------|
| DRAWING PROJECTION   |      |           | <b>THORLABS</b><br><a href="http://www.thorlabs.com">www.thorlabs.com</a><br>25 x 36mm DICHOIC MIRROR,<br>SHORPASS 950nm |               |
|  | NAME | DATE      |  |               |
| DRAWN  | MG   | 13/AUG/15 | MATERIAL<br><b>UV GRADE FUSED SILICA</b>   |               |
| APPROVAL   | ST   | 25/SEP/15 |  |               |
| COPYRIGHT © 2015 BY THORLABS   |      |           | ITEM #   | APPROX WEIGHT |
| VALUES IN PARENTHESIS ARE CALCULATED<br>AND MAY CONTAIN ROUND OFF ERRORS |      |           | DMSP950R   | 1.0 g         |
|  |      |           | REV  | A             |