



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE:  $> \varnothing 22.8\text{ mm}$
2. TRANSMITTED WAVEFRONT ERROR:  $< \lambda/2$  OVER CLEAR APERTURE
3. SURFACE QUALITY: 60-40 SCRATCH-DIG
4. PARALLELISM:  $< 3\text{ arcmin}$
5. DIAMETER TOLERANCE:  $+0.00/-0.20\text{ mm}$
6. THICKNESS TOLERANCE:  $\pm 0.10\text{ mm}$
7. COATING(S1): TRANSMISSION:  $> 85\%$  AVG 400-550 nm  
 REFLECTION:  $> 90\%$  AVG 610-725 nm  
 CUT-ON TOLERANCE:  $580\text{ nm} \pm 15\text{ nm}$   
 AOI:  $45^\circ$

FOR INFORMATION ONLY  
 NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			<b>THORLABS</b> <a href="http://www.thorlabs.com">www.thorlabs.com</a> $\varnothing 25.4\text{ mm}$ RED HOT MIRROR, AOI: $45^\circ$	
NAME	DATE			
DRAWN	JAC	09/OCT/20	MATERIAL	
APPROVAL	DD	09/OCT/20		
COPYRIGHT © 2020 BY THORLABS			SODA LIME	
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			FM02	1 g

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