



NOTES/SPECIFICATIONS:

1. CLEAR APERTURE: >90% DIAMETER
2. SURFACE ACCURACY:  $\lambda/4$  AT 632.8nm OVER CLEAR APERTURE
3. SURFACE QUALITY: 20-10 SCRATCH-DIG
4. BACK SURFACE: FINE GROUND
5. THICKNESS TOLERANCE:  $\pm 0.2\text{ mm}$
6. DIAMETER TOLERANCE:  $+ 0.0/-0.2\text{ mm}$
7. COATING: BROADBAND HR, DIELECTRIC  
 $R_s$  and  $R_p$  >99% OVER WAVELENGTH RANGE  
 AOI:  $0^\circ$  TO  $45^\circ$

FOR INFORMATION ONLY  
 NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			<b>THORLABS</b> www.thorlabs.com	
NAME	DATE	$\phi 25.4\text{mm}$ , $f= 100.0\text{mm}$ BROADBAND MIRROR 750-1100nm		
DRAWN	MG	15/JUN/11	MATERIAL	REV
APPROVAL	PM	13/JUL/11	N-BK7	A
COPYRIGHT © 2010 BY THORLABS			ITEM #	APPROX WEIGHT
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			CM254-100-E03	0.007 kg