



NOTES/SPECIFICATIONS

1. PARENT FOCAL LENGTH: 50.8mm 1%
2. REFLECTED FOCAL LENGTH: 101.6mm 1%
3. CLEAR APERTURE: >90%
4. SURFACE IRREGULARITY: <math>\lambda/4</math> AT 633nm
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. SURFACE ROUGHNESS: <math><100\text{\AA}</math> RMS
7. COATING (PARABOLIC SURFACE): PROTECTED GOLD  
Ravg>96% FROM 800nm-20 $\mu$ m
8. BLACK ANODIZED FINISH (NON-OPTICAL SURFACES)

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			<b>THORLABS</b> www.thorlabs.com Ø25.4mm, 90° OAP, PFL=50.8mm, PROTECTED GOLD	
NAME	DATE			
DRAWN	SP	25/JUN/14	MATERIAL <b>6061-T6 ALUMINUM</b>	
APPROVAL	WD	25/JUN/14		
COPYRIGHT © 2014 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			MPD254508-90-M01	0.024 kg