



NOTES/SPECIFICATIONS

1. PARENT FOCAL LENGTH: 25.4mm 1%
2. REFLECTED FOCAL LENGTH: 50.8mm 1%
3. CLEAR APERTURE: >90%
4. SURFACE IRREGULARITY: <λ/4 AT 633nm
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. SURFACE ROUGHNESS: <100Å RMS
7. COATING (PARABOLIC SURFACE): PROTECTED GOLD  
Ravg>96% FROM 800nm-20µm
8. BLACK ANODIZED FINISH (NON-OPTICAL SURFACES)

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			<b>THORLABS</b> www.thorlabs.com Ø12.7mm, 90° OAP, PFL=25.4mm, PROTECTED GOLD	
NAME	DATE			
DRAWN	SP	25/JUN/14	MATERIAL <b>6061-T6 ALUMINUM</b>	
APPROVAL	WD	25/JUN/14		
COPYRIGHT © 2014 BY THORLABS			ITEM #	APPROX WEIGHT
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			MPD127254-90-M01	0.004
			REV	C