



NOTES/SPECIFICATIONS

1. PARENT FOCAL LENGTH: 50.8mm 1%
2. REFLECTED FOCAL LENGTH: 101.6mm 1%
3. CLEAR APERTURE: >90%
4. SURFACE IRREGULARITY: $\lambda/4$ 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 μ m
8. BLACK ANODIZED FINISH (NON-OPTICAL SURFACES)

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION				THORLABS www.thorlabs.com Ø50.8mm, 90° OAP, PFL=50.8mm, PROTECTED GOLD	
NAME	DATE	SP	25/JUN/14		
DRAWN	WD	25/JUN/14		MATERIAL	REV
COPYRIGHT © 2014 BY THORLABS				6061-T6 ALUMINUM	C
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS				ITEM # MPD508508-90-M01	APPROX WEIGHT 0.195 kg