



NOTES/SPECIFICATIONS

1. PARENT FOCAL LENGTH: 12.7mm \pm 1%
2. REFLECTED FOCAL LENGTH: 25.4mm \pm 1%
3. CLEAR APERTURE: >90%
4. SURFACE IRREGULARITY: $<\lambda/4$ AT 633nm
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. SURFACE ROUGHNESS: $<100\text{\AA}$ 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 Ø12.7mm, 90° OAP, PFL=12.7mm, PROTECTED GOLD	
NAME	DATE			
DRAWN	SP	25/JUN/14	MATERIAL 6061-T6 ALUMINUM	
APPROVAL	WD	25/JUN/14		
COPYRIGHT © 2014 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			MPD127127-90-M01	0.004 kg