



NOTES/SPECIFICATIONS:

1. PARENT FOCAL LENGTH: 7.5mm ± 1%
2. REFLECTED FOCAL LENGTH: 15.0mm ± 1%
3. CLEAR APERTURE: >90% OF DIAMETER
4. SURFACE IRREGULARITY: $\lambda/4$ AT 633nm
5. SURFACE QUALITY: 40-20 SCRATCH-DIG
6. SURFACE ROUGHNESS: < 100Å RMS
7. COATING(PARABOLIC SURFACE): PROTECTED SILVER
Ravg: >95% FROM 400nm-20µm
8. BLACK ANODIZED FINISH FOR NON-OPTICAL SURFACES

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 www.thorlabs.com	
NAME	DATE	Ø 12.7mm 90° OFF AXIS PARABOLA PFL=7.5mm, SILVER		
DRAWN	EMT	11/OCT/12	MATERIAL	REV
APPROVAL	NG	18/OCT/12	6061-T6 ALUMINUM	A
COPYRIGHT © 2012 BY THORLABS VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			MPD127075-90-P01	0.004 kg