



NOTES/SPECIFICATIONS:

1. PARENT FOCAL LENGTH: 76.2mm  $\pm$ 1%
2. REFLECTED FOCAL LENGTH: 152.4mm  $\pm$ 1%
3. CLEAR APERTURE: >90% OF DIAMETER
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 $\mu$ m
8. BLACK ANODIZED FINISH (NON-OPTICAL SURFACES)

FOR INFORMATION ONLY  
NOT FOR MANUFACTURING PURPOSES

|   |      |           |   |               |
|---|------|-----------|---|---------------|
| DRAWING PROJECTION  |      |           | <b>THORLABS</b><br>www.thorlabs.com                                     |               |
|   | NAME | DATE      | $\phi$ 50.8mm, 90° OAP, PFL=76.2mm,<br>PROTECTED GOLD, 3mm COAXIAL HOLE |               |
| DRAWN   | CS   | 10/JUN/14 | MATERIAL  | REV           |
| APPROVAL  | SP   | 11/JUN/14 | 6061-T6 ALUMINUM  | A             |
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| VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS |      |           | ITEM #  | APPROX WEIGHT |
|   |      |           | MPD508762V3-90-M01  | 0.194 kg      |