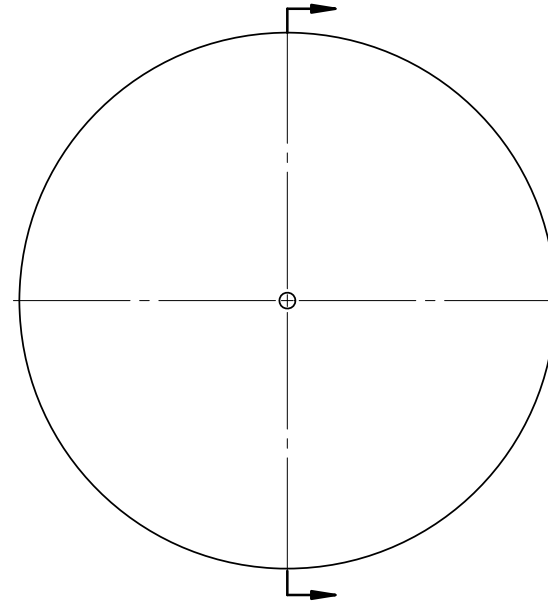
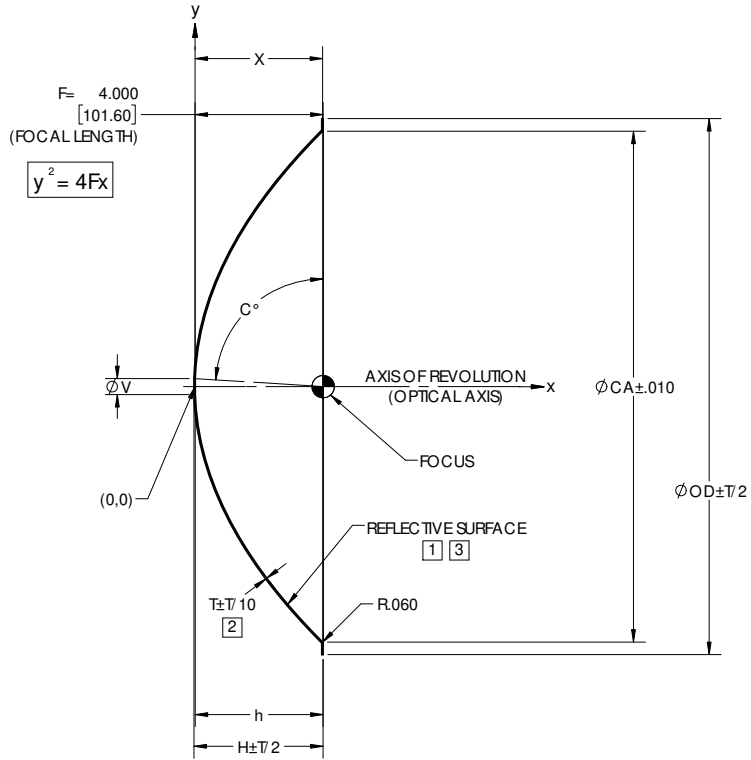


| REVISIONS |                         |          |          |
|-----------|-------------------------|----------|----------|
| REV       | DESCRIPTION             | DATE     | APPROVED |
| Ø         | INITIAL DRAWING RELEASE | 09/01/05 | KMT      |
| A         | UPDATED DRAWING FORMAT  | 07/26/17 | JPH      |

NOTES: UNLESS OTHERWISE SPECIFIED

- 1 ELECTROFORM REFLECTOR FROM MASTER TOOL WITH SPECULAR SURFACE QUALITY OF 80-50 SCRATCH-DIG PER MIL-PRF-13830B.
- 2 NOMINAL THICKNESS (T) MAY VARY ± T/4 WITHIN .25 OF EDGES.
- 3 REFLECTIVE SURFACE COATING TO BE SEPARATELY SPECIFIED.



| PART NO.  | CA     | V     | OD     | T     | X     | H     | h     | C°    |
|-----------|--------|-------|--------|-------|-------|-------|-------|-------|
| P102      | 16.000 | 0.500 | 16.750 | 0.040 | 4.000 | 4.036 | 3.996 | 86.42 |
| P102-0100 | 16.000 | 0.500 | 16.750 | 0.040 | 4.000 | 4.036 | 3.996 | 86.42 |
| P102-0200 | 16.000 | 2.500 | 16.750 | 0.040 | 4.000 | 3.943 | 3.902 | 72.24 |

NOTE: THE "P102" PART NO. IS THE THEORETICALLY LARGEST REFLECTOR THAT CAN BE FORMED FROM EXISTING MASTER TOOLING.

|   |  |   |               |   |  |
|---|--|---|---------------|---|--|
| UNLESS OTHERWISE SPECIFIED<br>DIMENSIONS ARE IN INCHES (mm)<br>GD&T PER ASME Y14.5-2009<br>DO NOT SCALE DRAWING |  | CONTRACT NO. 05-P102                        |               | 42310 WINCHESTER RD.<br>TEMECULA, CA 92590<br>WWW.OPTIFORMS.COM |  |
| TOLERANCES  |  | DRAWN JIW                                   | DATE 07/26/17 | REFLECTOR, PARABOLIC<br>4.000" / 101.6mm FL                     |  |
| FRACTIONS ± 1/16  |  | CHECKED                                     | DATE          |   |  |
| DECIMALS ± .02  |  | ENGR RFS                                    | DATE 07/26/17 | SIZE C  |  |
| ANGLES ± 1/2°   |  | MATERIAL ELECTROFORMED NICKEL - LSSN TYPE 1 |               | CAGE CODE 0Y1Y4   |  |
| SURFACE ROUGHNESS 63/   |  | FINISH                                      |               | DWG NO. P102  |  |
| DEBURR SHARP EDGES & HOLES RAGS 015 MAX. CHAMFER 3:1 HEADS 01 PART FOOT DIAMETER                                |  | SCALE 1:3                                   |               | WT. (REF) 3.369   |  |
| NEXT ASSY   |  | USED ON                                     |               | CAD NO. P102  |  |
| APPLICATION   |  | THIRD ANGLE PROJECTION                      |               | SHEET 1 OF 1  |  |
|   |  | SEE NOTES 1,3                               |               |   |  |