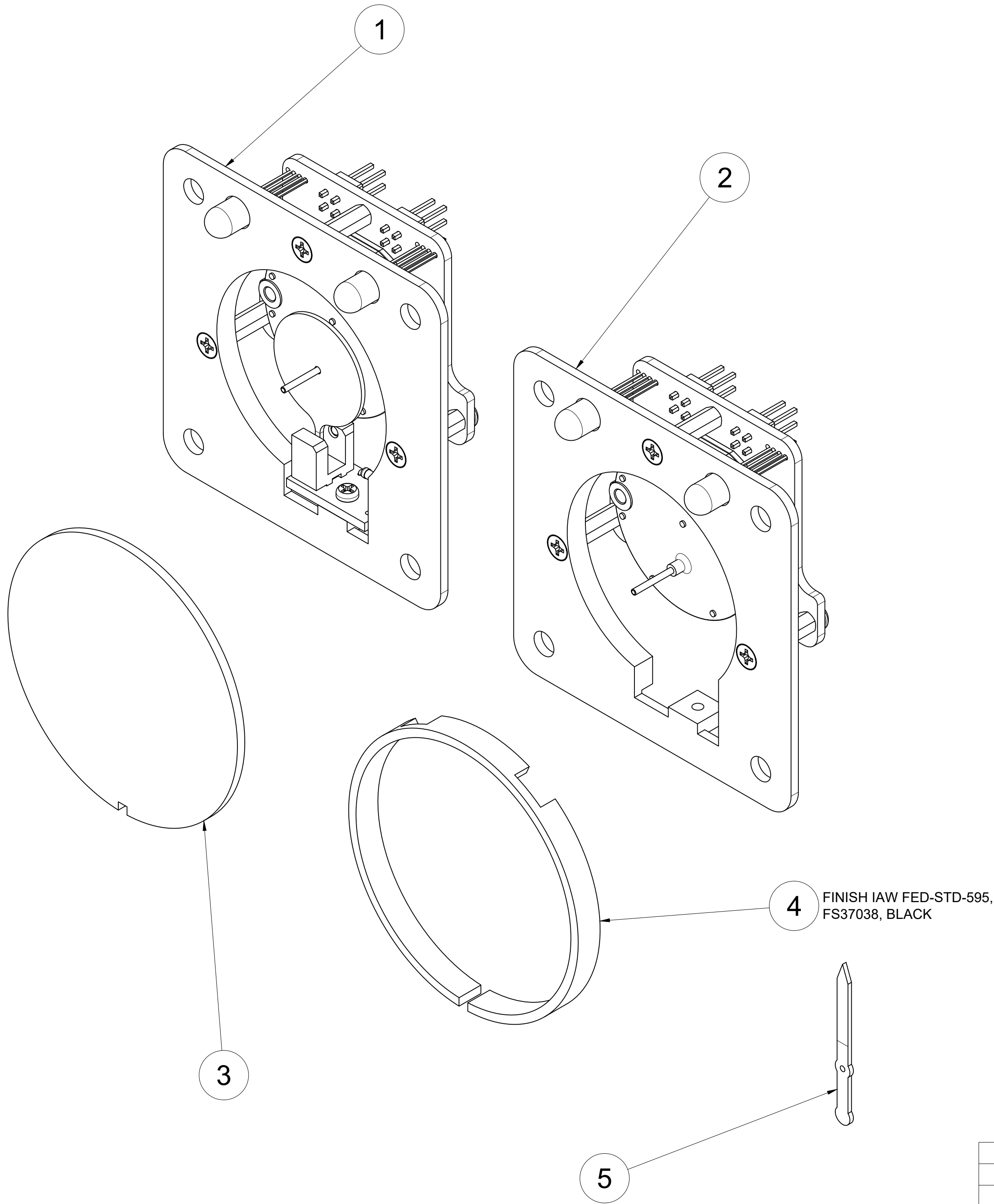




NOTES: (UNLESS OTHERWISE SPECIFIED)

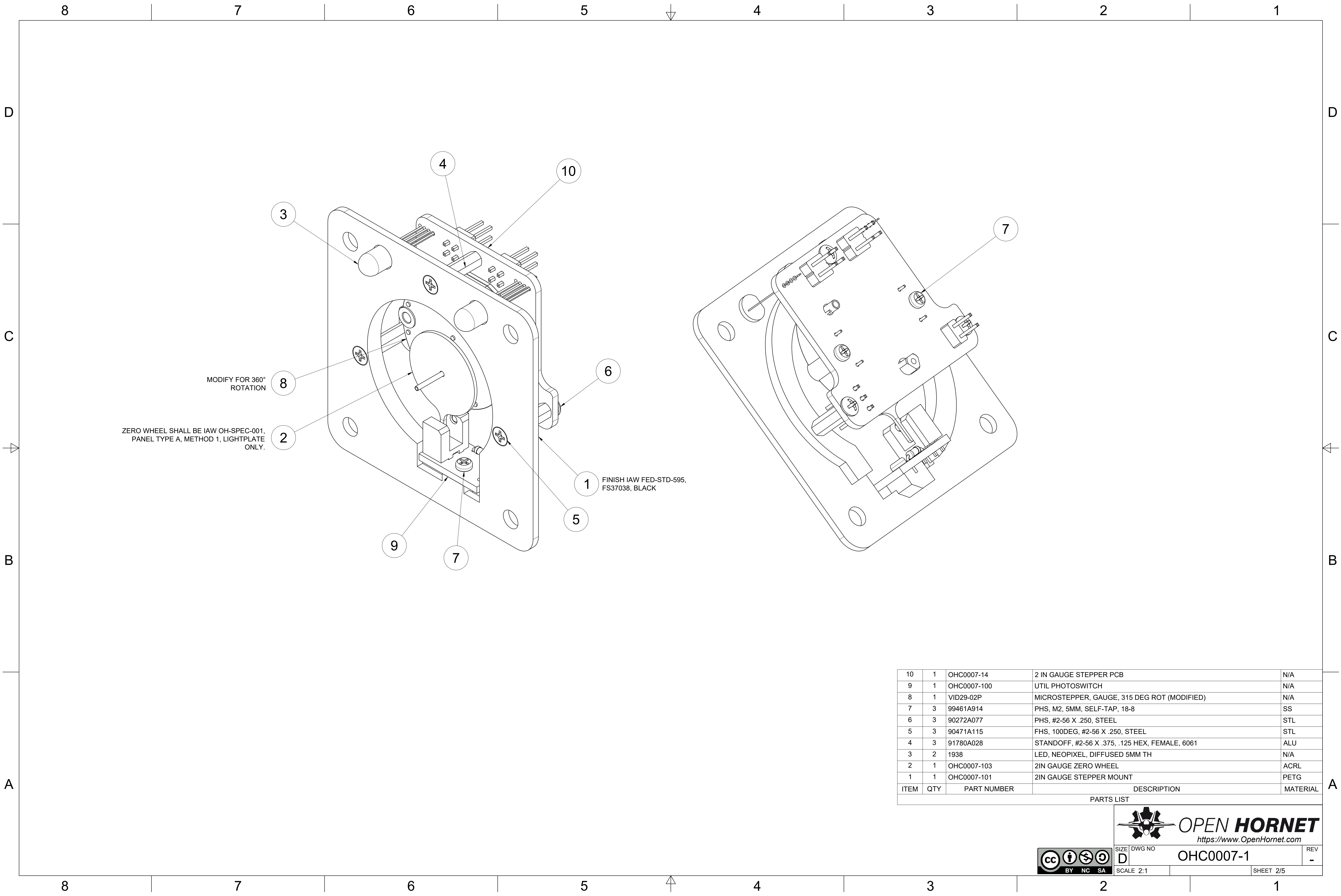
1. SPECIFICATIONS AND DOCUMENTS:
1.1. ELECTRICAL CONNECTIONS SHALL BE IAW OH-INTERCONNECT.
2. ALL ITEMS NOT EXPLICITLY DEFINED IN THIS DRAWING ARE DEFINED BY THE MASTER CAD MODELS. ALL DIMENSIONS NOT DEFINED ON THIS DRAWING ARE CONTAINED WITHIN THE FOLLOWING MANUFACTURING FILES:
2.1. FLAT PARTS: <MATERIAL>_<MATERIAL COLOR, IF APPLICABLE>_<THICKNESS, IN DECIMAL INCHES>_<PN>_<REV>.<VERSION NUMBER OF MODEL>.SVG
2.2. FDM 3D PRINTED PARTS: FDM_<PN>_<REV>.<VERSION # OF MODEL>.STL



| | | | | |
|------|-----|-------------|---|----------|
| 5 | 1 | OHC0007-13 | 2IN GAUGE POINTER | ACRL |
| 4 | 1 | OHC0007-12 | 2IN GAUGE DIAL FACE SPACER | PETG |
| 3 | 1 | OHC0007-11 | 2IN GAUGE COVER GLASS | ACRL |
| 2 | 1 | OHC0007-2 | ASSY, 2IN GAUGE SGL STPR MECH W/O ZERO DETECT | |
| 1 | 1 | OHC0007-1 | ASSY, 2IN GAUGE SGL STPR MECH W/ ZERO DETECT | |
| ITEM | QTY | PART NUMBER | DESCRIPTION | MATERIAL |

| UNLESS OTHERWISE SPECIFIED: | | | PARTS LIST | | | |
|---|--|--|---|---------|----------------|--|
| DIMENSIONS ARE IN INCHES. DUAL DIMENSIONS ARE IN MILLIMETERS AND ENCLOSED IN SQUARE BRACKETS. INTERPRET DRAWING IAW ASME Y14.100-2017. INTERPRET DIM AND TOL IAW ASME Y14.5-2009. REMOVE ALL BURRS AND SHARP EDGES TO .05 MAX. DIMENSIONS APPLY BEFORE FINISH. | | | UOS INCH TOLERANCES ARE: | | | |
| | | | DECIMALS: | | ANGLES: | |
| | | | .X ± .1 | | MACHINED ± .5° | |
| | | | .XX ± .03 | | LOCATING ± .5° | |
| | | | .XXX ± .010 | | FORMED ± 2° | |
| | | | | | CHAMFERS ± 5° | |
| | | | DRILLED HOLE DIAMETERS: | | | |
| | | | .0135 - .125: +.004/- .001 | | | |
| | | | .126 - .250: +.005/- .001 | | | |
| | | | .251 - .500: +.006/- .001 | | | |
| .501 - .750: +.008/- .001 | | | | | | |
| .751 - 1.000: +.010/- .001 | | | | | | |
| 1.001 - 2.000: +.012/- .001 | | | | | | |
| DESIGNED J. STEENSEN 9/24/2022 | | |  | | | |
| CHECKED | | | | | | |
| DRAWN J. STEENSEN 9/24/2022 | | | | | | |
| | | |  | | | |
| | | | OPEN HORNET | | | |
| | | | https://www.OpenHornet.com | | | |
| | | | TITLE | | | |
| | | | INSTRUMENT COMPONENTS | | | |
| | | | COMMON | | | |
| | | | SIZE | DWG NO | REV | |
| | | | D | OHC0007 | - | |
| | | | SCALE 1:1 | | SHEET 1/5 | |

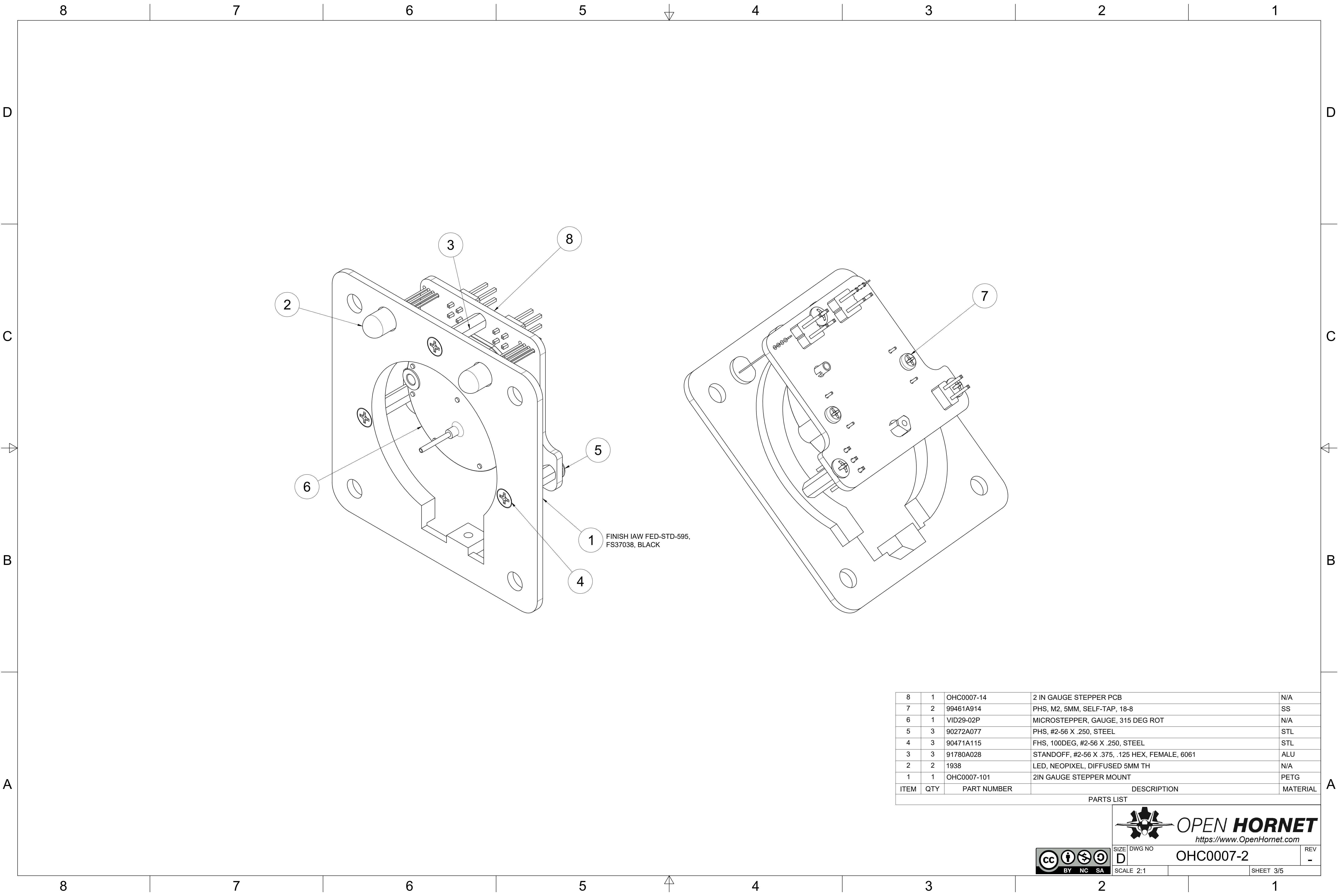




| | | | | |
|------------|-----|-------------|--|----------|
| 10 | 1 | OHC0007-14 | 2 IN GAUGE STEPPER PCB | N/A |
| 9 | 1 | OHC0007-100 | UTIL PHOTOSWITCH | N/A |
| 8 | 1 | VID29-02P | MICROSTEPPER, GAUGE, 315 DEG ROT (MODIFIED) | N/A |
| 7 | 3 | 99461A914 | PHS, M2, 5MM, SELF-TAP, 18-8 | SS |
| 6 | 3 | 90272A077 | PHS, #2-56 X .250, STEEL | STL |
| 5 | 3 | 90471A115 | FHS, 100DEG, #2-56 X .250, STEEL | STL |
| 4 | 3 | 91780A028 | STANDOFF, #2-56 X .375, .125 HEX, FEMALE, 6061 | ALU |
| 3 | 2 | 1938 | LED, NEOPIXEL, DIFFUSED 5MM TH | N/A |
| 2 | 1 | OHC0007-103 | 2IN GAUGE ZERO WHEEL | ACRL |
| 1 | 1 | OHC0007-101 | 2IN GAUGE STEPPER MOUNT | PETG |
| ITEM | QTY | PART NUMBER | DESCRIPTION | MATERIAL |
| PARTS LIST | | | | |



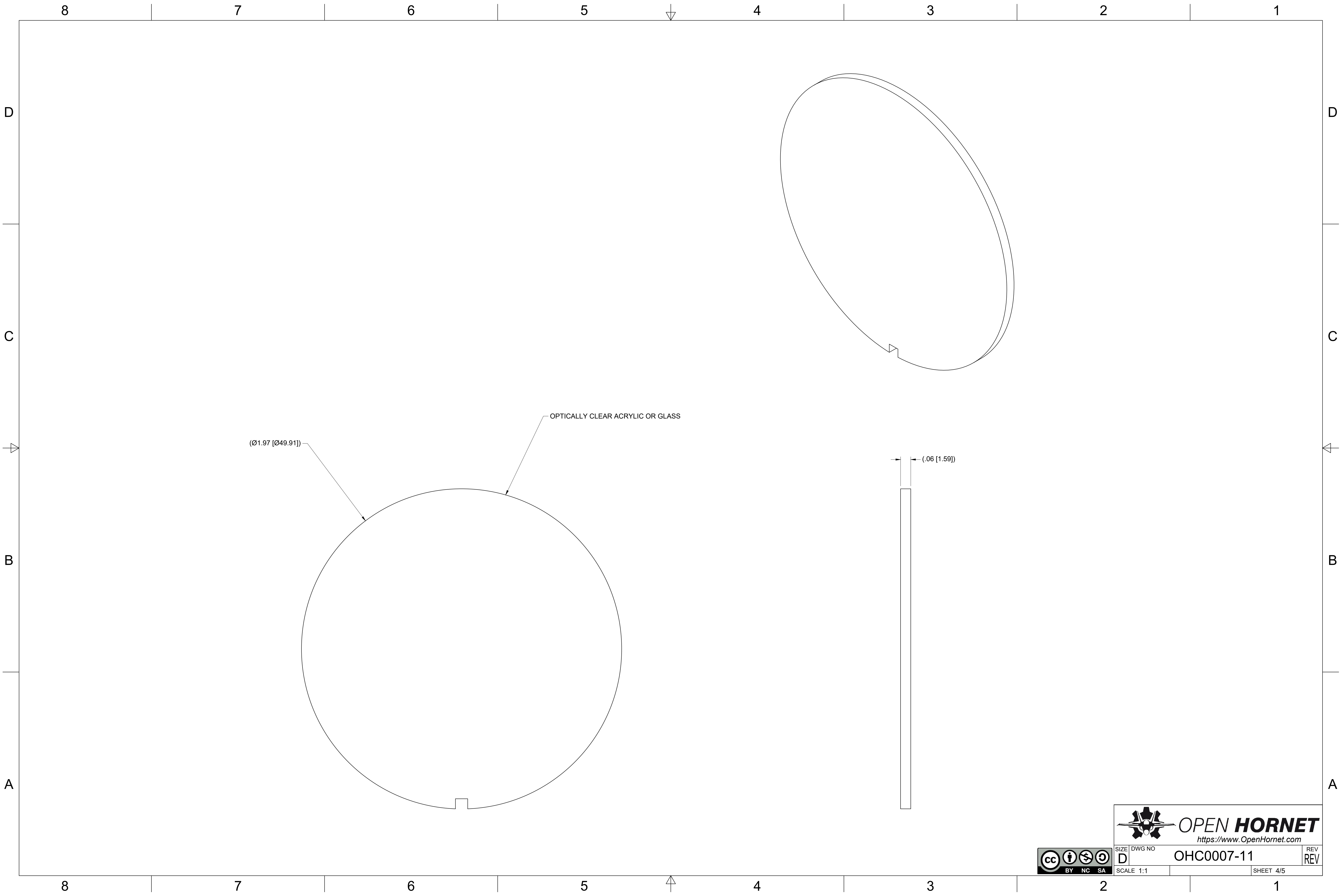
| | | |
|-----------|-----------|-----|
| SIZE | DWG NO | REV |
| D | OHC0007-1 | - |
| SCALE 2:1 | SHEET 2/5 | |



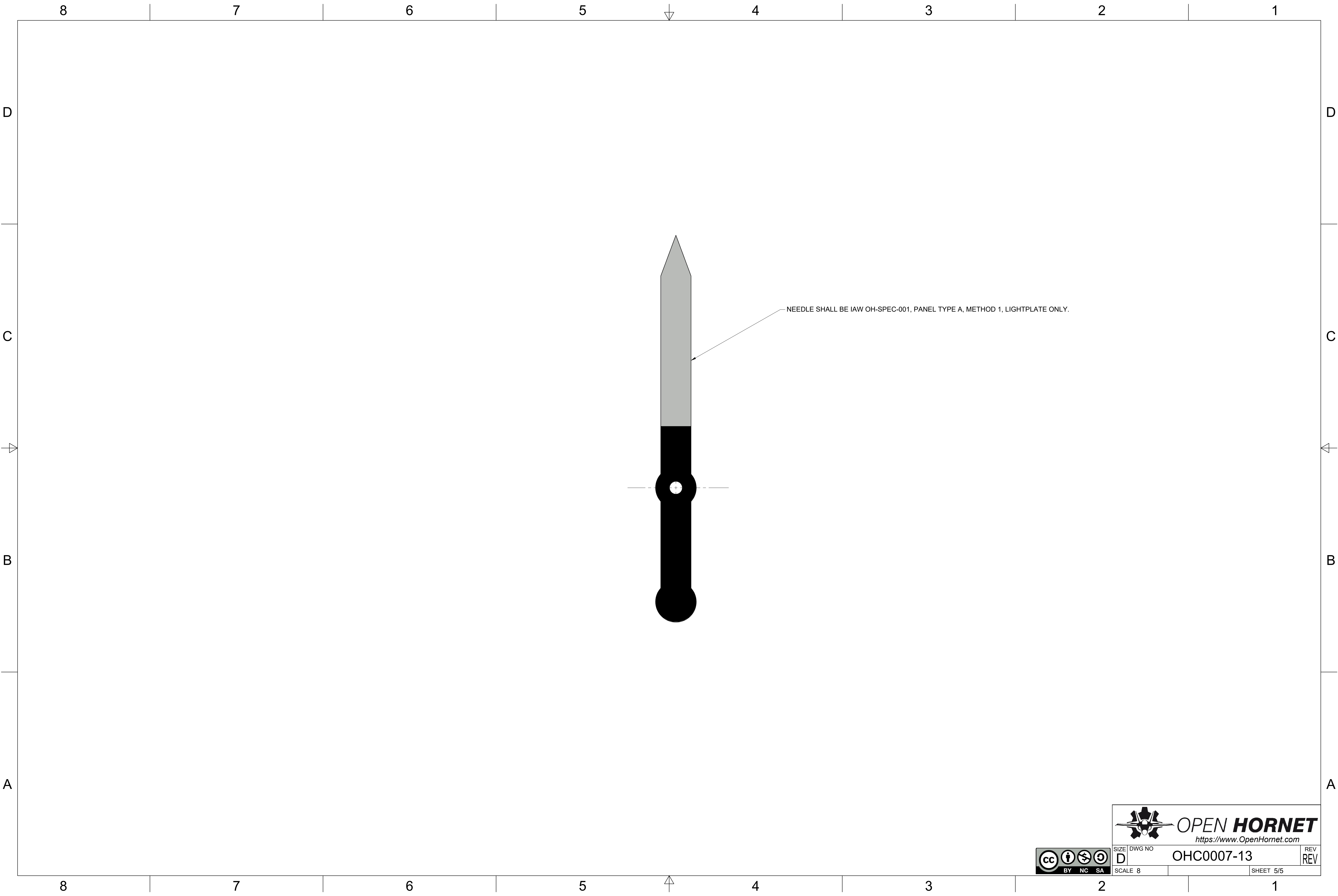
| | | | | |
|------------|-----|-------------|--|----------|
| 8 | 1 | OHC0007-14 | 2 IN GAUGE STEPPER PCB | N/A |
| 7 | 2 | 99461A914 | PHS, M2, 5MM, SELF-TAP, 18-8 | SS |
| 6 | 1 | VID29-02P | MICROSTEPPER, GAUGE, 315 DEG ROT | N/A |
| 5 | 3 | 90272A077 | PHS, #2-56 X .250, STEEL | STL |
| 4 | 3 | 90471A115 | FHS, 100DEG, #2-56 X .250, STEEL | STL |
| 3 | 3 | 91780A028 | STANDOFF, #2-56 X .375, .125 HEX, FEMALE, 6061 | ALU |
| 2 | 2 | 1938 | LED, NEOPIXEL, DIFFUSED 5MM TH | N/A |
| 1 | 1 | OHC0007-101 | 2IN GAUGE STEPPER MOUNT | PETG |
| ITEM | QTY | PART NUMBER | DESCRIPTION | MATERIAL |
| PARTS LIST | | | | |



| | | | | | |
|-------|-----|--------|-----------|-------|-----|
| SIZE | D | DWG NO | OHC0007-2 | REV | - |
| SCALE | 2:1 | | | SHEET | 3/5 |



| | | | |
|---|------------|---|-----|
|  | | OPEN HORNET https://www.OpenHornet.com | |
| SIZE | DWG NO | REV | REV |
| D | OHC0007-11 | | |
| SCALE 1:1 | | SHEET 4/5 | |



| | | | |
|---|------------|--|-----|
|  | | OPEN <i>HORNET</i> https://www.OpenHornet.com | |
| SIZE | DWG NO | REV | REV |
| D | OHC0007-13 | | |
| SCALE 8 | | SHEET 5/5 | |