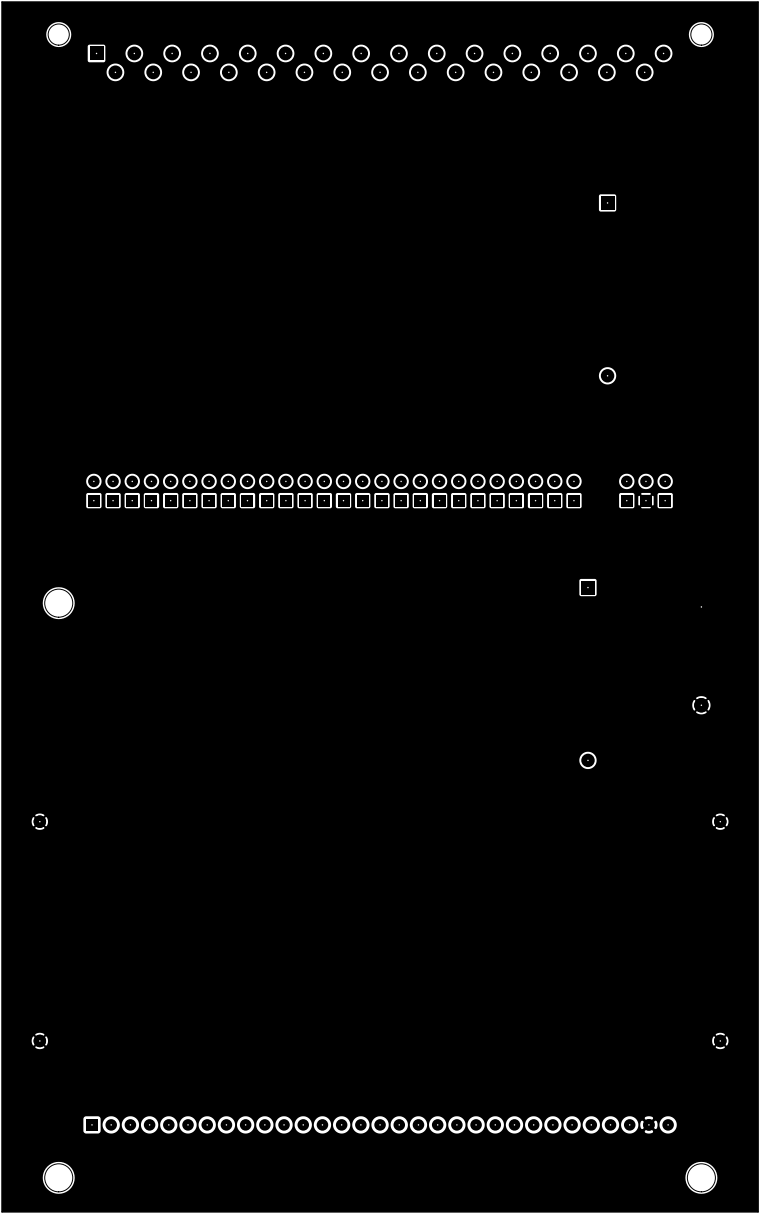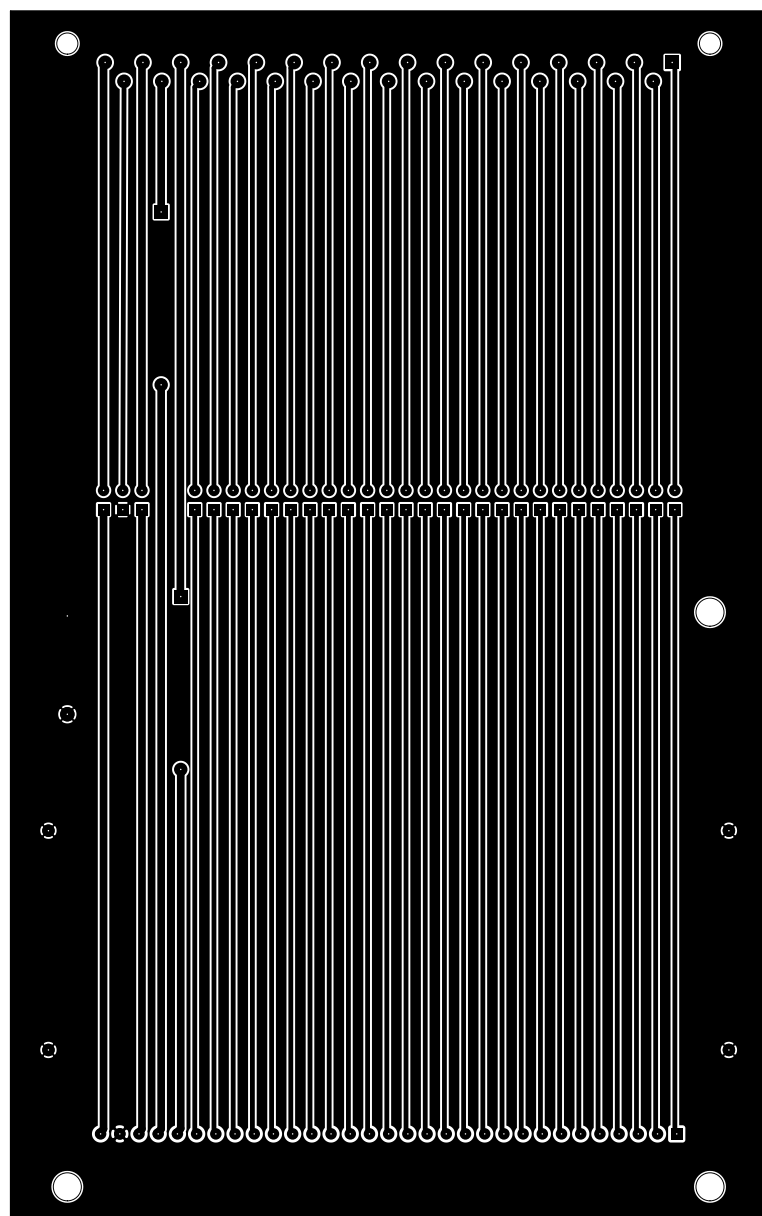1. Table of Contents (This Page)
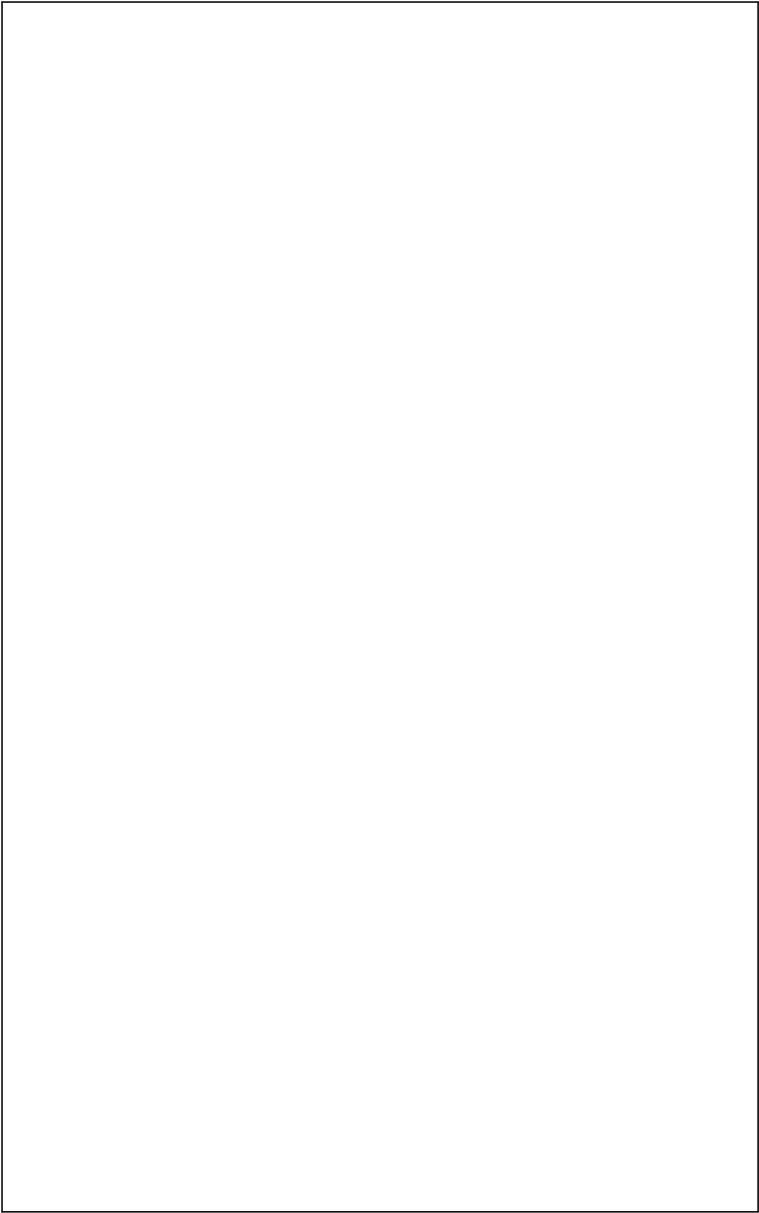
   Created on Tue Aug 20 23:10:59 2019

2. top

3. bottom

4. outline

5. plated-drill

6. unplated-drill

7. componentmask

8. soldermask

9. topsilk

10. bottomsilk

11. topassembly

12. bottomassembly

13. fab

01.003.00.01.01.pcb

01.003.00.01.01.pcb, top, scale = 1:1.000
01.003.00.01.01.pcb

01.003.00.01.01.pcb, bottom (mirrored), scale = 1:1.000
01.003.00.01.01.pcb

01.003.00.01.01.pcb, outline, scale = 1:1.000
01.003.00.01.01.pcb

01.003.00.01.01.pcb, plated-drill, scale = 1:1.000
01.003.00.01.01.pcb
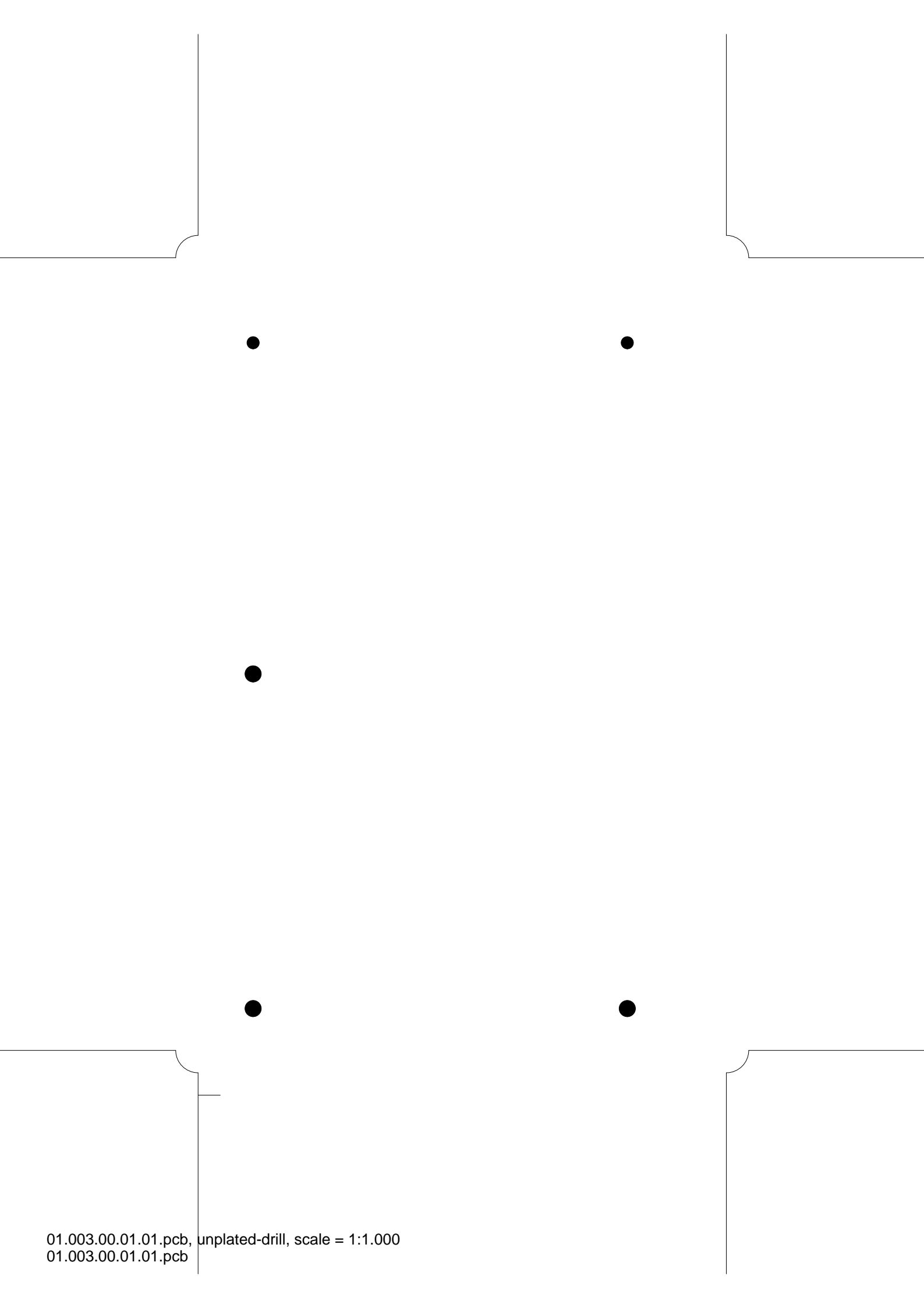
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01.003.00.01.01.pcb

01.003.00.01.01.pcb, topmask, scale = 1:1.000
01.003.00.01.01.pcb

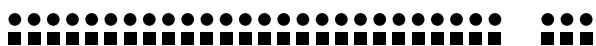01.003.00.01.01.pcb, bottommask (mirrored), scale = 1:1.000
01.003.00.01.01.pcb

Extender Main PCB
01.003.00.01.01
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Designed in the Netherlands

open source hardware

P301

J301
J302
J303
J304
J305
J306
J307
J308
J309
J310
J311
J312
J313
J314
J315
J316
J317
J318
J319
J320
J321
J322
J323
J324
J325
J326

+UVAR
−UVAR
+U
−U

J329
J330
J331

−15 VDC
GND
+15 VDC

F328  FUSE 5x20 mm
WARNING: 230 V AC

F327  FUSE 5x20 mm
WARNING: 230 V AC

TP301
GND

J300

A    B    C    D    p1    p2    p3    p4

01.003.00.01.01.pcb, topsilk, scale = 1:1.000
01.003.00.01.01.pcb

01.003.00.01.01.pcb, bottomsilk (mirrored), scale = 1:1.000
01.003.00.01.01.pcb

P301

F328  FUSE 5x20mm

WARNING: 230 V AC

+UVAR
−UVAR
+U
−U

−15 VDC
GND
+15 VDC

J301
J302
J303
J304
J305
J306
J307
J308
J309
J310
J311
J312
J313
J314
J315
J316
J317
J318
J319
J320
J321
J322
J323
J324
J325
J326

J329
J330
J331

A

D

F327  FUSE 5x20mm

WARNING: 230 V AC

TP301

GND

Extender Main PCB
01.003.00.01.01
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open source
hardware

p1

p2

p4

p3

J300

B

C

01.003.00.01.01.pcb, bottomassembly (mirrored), scale = 1:1.000
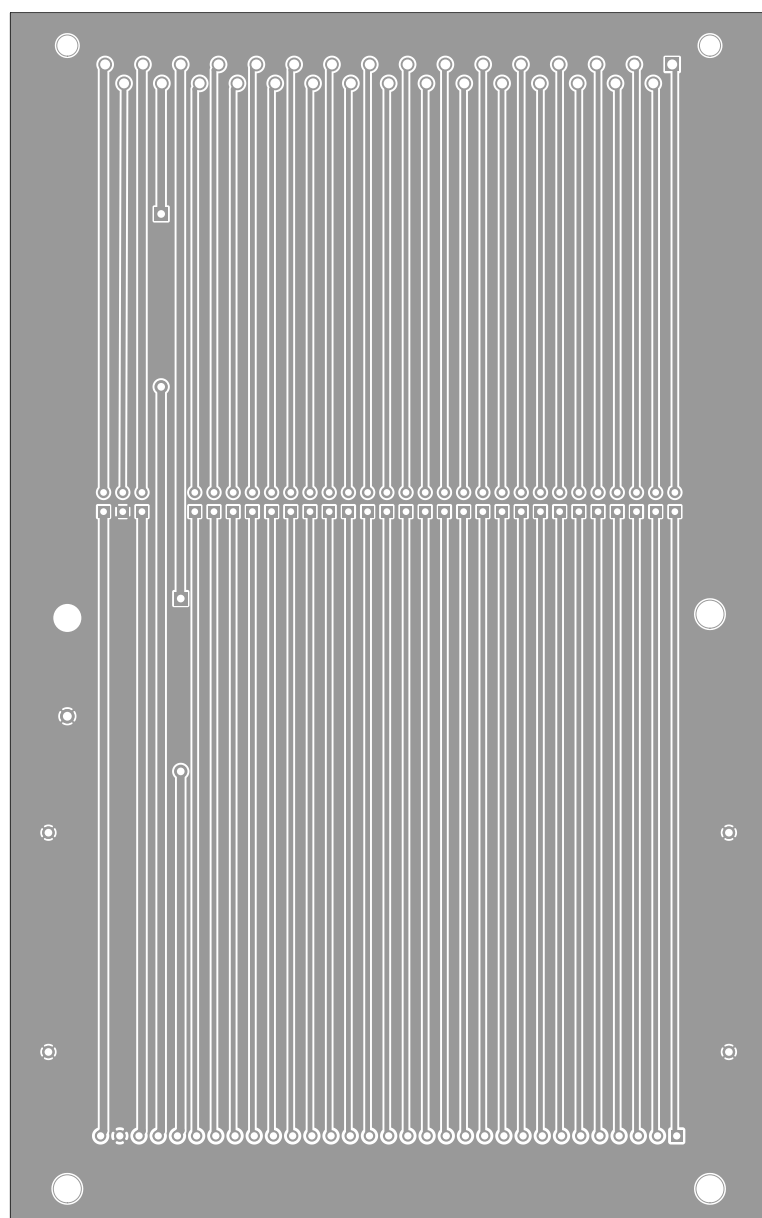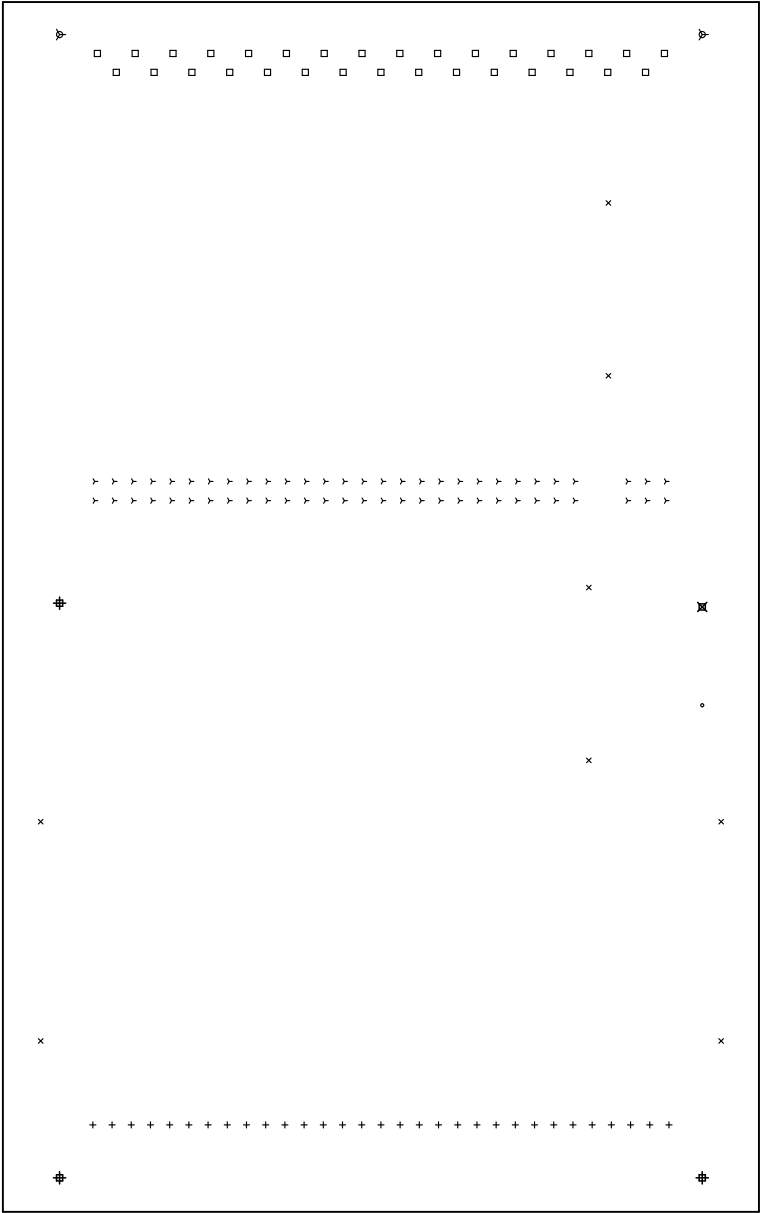01.003.00.01.01.pcb

There are 7 different drill sizes used in this layout, 135 holes total

| Symbol | Diam. (Inch) | Count | Plated? |
|---|---|---|---|
| ⊤ | 0.035 | 58 | YES |
| + | 0.038 | 31 | YES |
| × | 0.040 | 8 | YES |
| ○ | 0.046 | 1 | YES |
| □ | 0.052 | 31 | YES |
| ⊕ | 0.110 | 2 | NO |
| ⊕ | 0.146 | 3 | NO |
| ⊠ | 0.146 | 1 | YES |

Title: 01.003.00.01.01.pcb – Fabrication Drawing

Author: Bert Timmerman

Date: Tue Aug 20 21:11:00 2019 UTC

Board outline is the centerline of this path

01.003.00.01.01.pcb, fab, scale = 1:1.000
01.003.00.01.01.pcb