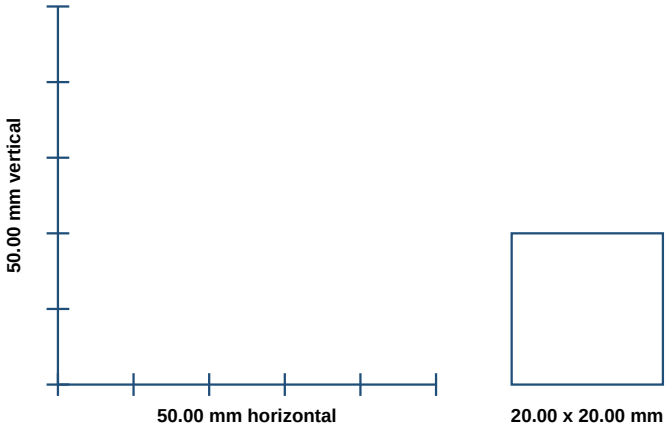
REV3E1 DRILLED PHYSICAL-FIT COUPON - 1:1

NONFUNCTIONAL SCRAP COUPON - exact authoritative pitches; proposed physical drill mappings

PRINT AT 100% / ACTUAL SIZE - DO NOT FIT, SHRINK, OR SCALE



PATTERN LEGEND

P1 Resistor: 0.80 mm / P10.16

P2 C1: 0.80 mm / P5.08

P3 C2: 0.80 mm / P5.08

P4 C3: 0.80 mm / P2.00

P5 D1 red LED: 0.90 mm / P2.54

P6 D2 yellow LED: 0.90 mm / P2.54

P7 MK1: 0.80 mm / P1.90

P8 J1 1x3: 1.00 mm / P2.54

P9 D3 vertical: 1.10 mm / P3.81

P10 U1: 0.90 mm / P2.54 / rows 15.24 mm

1. Coupon purpose: verify real leads and headers against REV3E1 geometry without risking the functional PCB.

2. Do not enlarge any hole. Reject forced insertion, sharp lead bends at a body, cracked bases, or twisted parts.

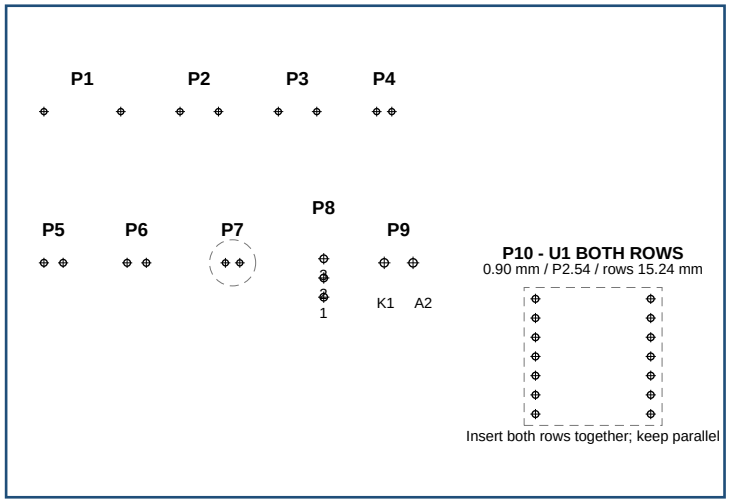
3. Before drilling, verify both 50.00 mm rulers and the 20.00 mm square with the digital caliper.

4. After drilling, photograph every fitted part straight down and record the actual drill used for each pattern.

5. D3 authoritative geometry: 3.81 mm vertical pitch. Verify 1N5819 marking, banded cathode, and diode-mode result separately.

6. This PDF is not CAM or G-code and does not authorize machining of the functional REV3E1 board.

95.00 x 65.00 mm NONFUNCTIONAL SCRAP COUPON



RELEASE STATUS: NOT READY TO CUT