47.9800 mm

24.0000 mm

4.8230 mm

12.8600 mm

11.7060 mm

90.6700 mm

F1
0.5A
250V

C1

RV1

US Wall Plug Blades

DI

R1

Install Wall Plug
with Shim before
HLK ACDC Converter

1   2

Jumper
1-2
& 3-4
If no L1

L1

3   4

+V   −V

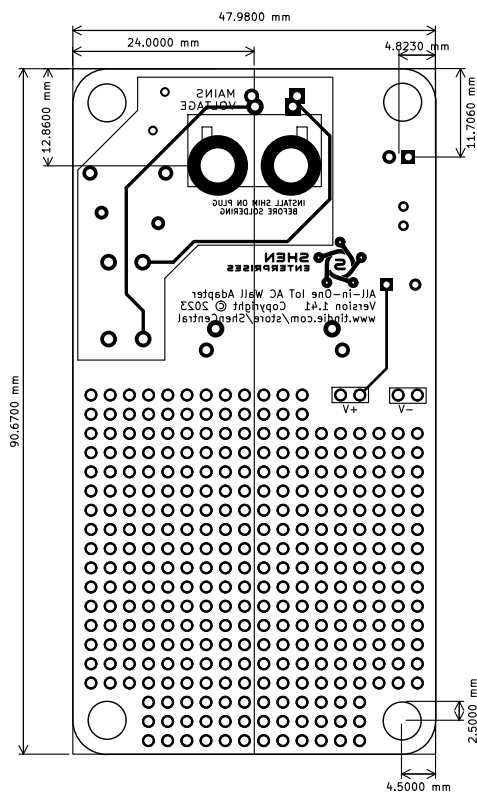HLK-PMXX
HLK-5MXX

+V   −V

2.5000 mm

4.5000 mm

The Plug Shim (spacer between plug and PCB)
maintains proper PCB insertion depth of the
wall plug and the required distance for
the enclosure design

47.9800 mm

24.0000 mm

4.8230 mm

12.8600 mm

11.7060 mm

MAINS
VOLTAGE

INSTALL SHIM ON PLUG
BEFORE SOLDERING

S SHEN
ENTERPRISES

All-in-One IoT AC Wall Adapter
Version 1.41 Copyright © 2023
www.tindie.com/store/ShenCentral

V+   V−

90.6700 mm

2.5000 mm

4.5000 mm

The Plug Shim (spacer between plug and PCB)
maintains proper PCB insertion depth of the
wall plug and the required distance for
the enclosure design