

Dimensional Drawing Of LabJack U12 -PH and -NTH OEM Boards

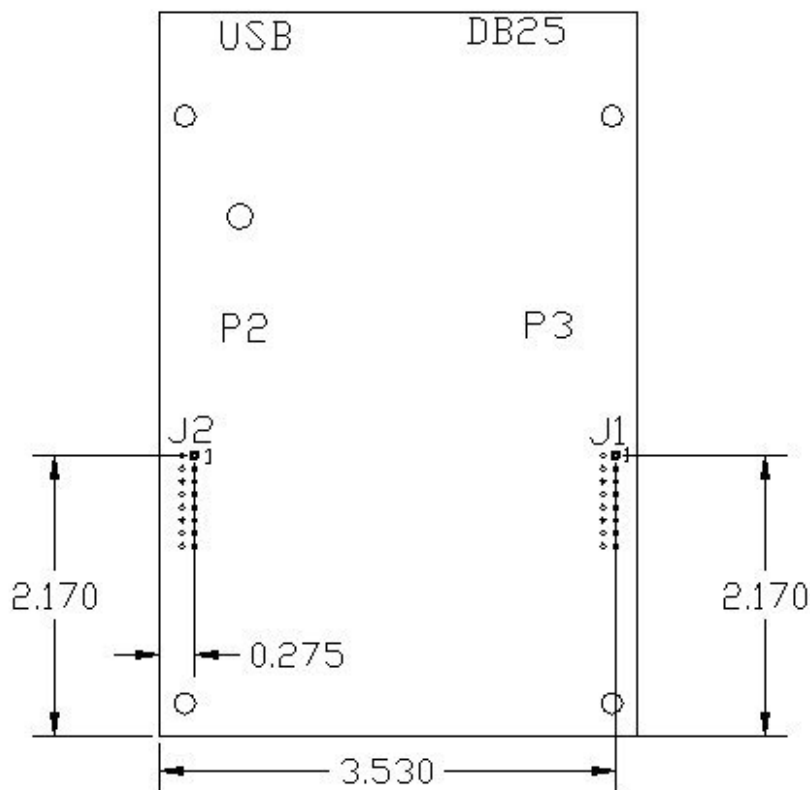
This is a view looking at the solder side of the PCB, not the component side. On a normal non-OEM LabJack U12, the DB25 and USB connectors are mounted on the component side, along with everything else except the screw terminals and status LED.

The LJU12-PH is an OEM board with pin-headers installed (on the component side) instead of screw-terminals. In addition, the LED is installed on the component side of the board, so nothing is on the solder side.

The LJU12-NTH is an OEM board with no through-hole components. This means no screw-terminals, pin-headers (Digikey #WM6916), DB25 connector (Digikey #182-25F), USB connector (Digikey #ED90003), or LED (Digikey #160-1089).

The pin-headers are standard 2x8 0.1" headers such as Jameco part# 109567. Pin 1 on each header is shown. The pins then go down the column to pin 8. Pin 9 is right next to pin 8 in the other column, and then the pins count up to pin 16 which is right next to pin 1. Pins 1-15 match up with screw terminal connection 1-15 and pin 16 has no connection. Pin 1 on J1 is IO0. Pin 1 on J2 is AI0.

VIEW LOOKING AT SOLDER SIDE OF PCB



J1		J2	
1	IO0	1	AI0
2	IO1	2	AI1
3	GND	3	GND
4	IO2	4	AI2
5	IO3	5	AI3
6	GND	6	GND
7	AO0	7	AI4
8	AO1	8	AI5
9	GND	9	GND
10	CNT	10	AI6
11	GND	11	AI7
12	GND	12	GND
13	+5V	13	+5V
14	+5V	14	+5V
15	STB	15	CAL
16	NC	16	NC