

*A prototyping board designed for the Hammond 1553DxBAT  
soft-sided handheld case with battery compartment.*

## Features

*ProtoBoard* saves time! The PCB is designed specifically for the Hammond 1553DxBAT box. No cutting is required. The mounting holes are present in the right spots.

The convenient 2-hole ProtoBoard pattern provides an easy way to connect parts while maximizing usable board area.

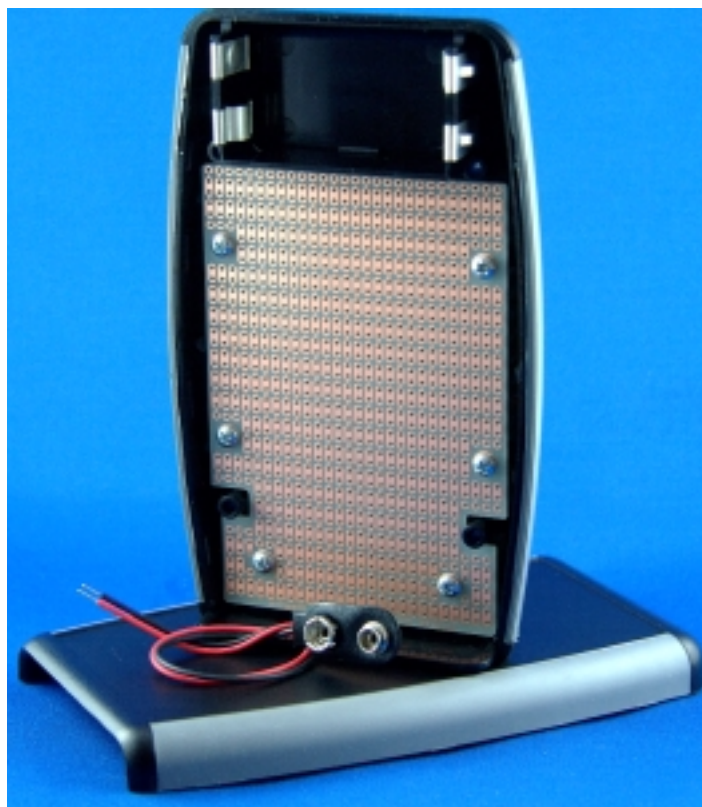
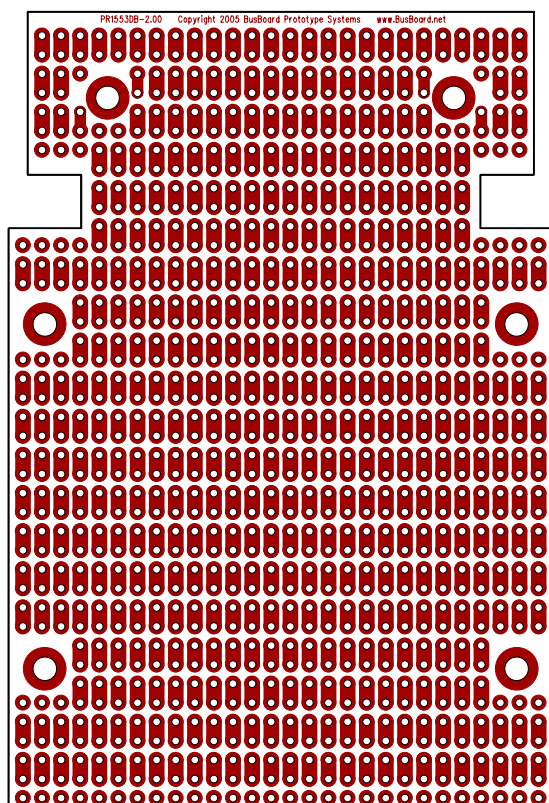
**Lead free** etched copper PCB with an anti-tarnish coating for easy soldering.

## PCB Specifications

- High-quality FR4 glass epoxy board.
- Six 4-40 PCB mounting screws provided.
- Single sided, 1oz/ft<sup>2</sup> copper PCB
- 0.042" holes drilled on 0.1" centers
- PCB Size 2.850 x 4.175 in. (72 x 106mm)

**Order Part# PR1553DBAT (for PCB only)**

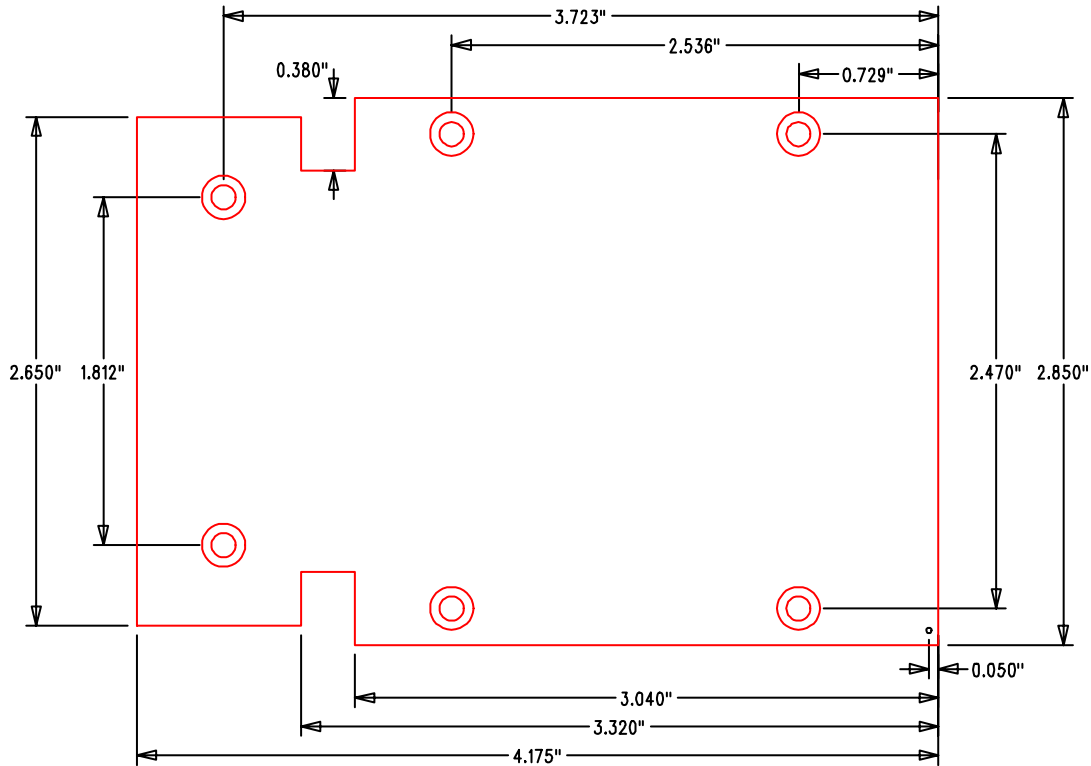
## Board Layout (actual size)



**PR1553DBAT Prototyping Board shown with the  
Hammond 1553DBKBAT box (box not included).**

**To purchase the PCB + Box together,  
order BPS part# KIT-1553DBAT-BK**

## PCB Mechanical Dimensions



1. PCB is symmetrical along the centerline.
  2. All solder pads are located on a 0.100" grid.
  3. The mounting holes are NOT located on the 0.100" grid.
- PCB Design Copyright 2005 BusBoard Prototype Systems Ltd.

## Hammond 1553DxBAT Hand Held Case Features

Note: The box is **NOT** included with BPS part# PR1553DBAT.

The box is included with part# KIT-1553DBAT-BK.

Soft-sided ergonomic hand held electronic case.

Box Size 5.8 x 3.5 x 1.0 inches (147 x 89 x 26 mm)

Battery compartment for 2xAA or 9V batteries (battery clips included). Long life "three snap" battery door.

1 removable end panel (included).

Built-in PCB standoffs.

Box closed with self tapping screws (included).

Recessed top for membrane display or keypad.  
Lap joint construction provides protection against dust accumulation and splashing water.

Black/Gray, Black/Black, Gray/Gray, Yellow, Red, and Translucent Blue colors available.



To order the box by itself, use Hammond part #'s 1553DBKBAT, 1553DGYBAT, 1553DBKBKBAT, 1553DTBUBKBAT, 1553DRDBKBAT, 1553DYLBKBAT

See <http://www.hammondmfg.com/1553.htm>  
<http://www.hammondmfg.com/1553colors.htm>

**Includes 4 clips for two AA batteries.**



**Includes wired clip for 9V battery.**



1553DBKBKBAT



1553DTBUEKBAT



1553DRDBKBAT



1553DYLEKBAT





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BPS-MAR-PR1553DBAT-001 Rev 4.00

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