

ProtoBox-1553DBAT Kit (PCB+Box)



A Hammond 1553DBAT soft-side plastic enclosure with battery compartment, packaged with a matching ProtoBoard 2-hole per strip PCB.



**KIT-1553DBAT-BK (black, shown)
KIT-1553DBAT-GY (gray)**

www.BusBoard.net

BusBoard Prototype Systems - Built for designers

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BPS-MAR-(KIT-1553DBAT)-001 Rev 4.00

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.

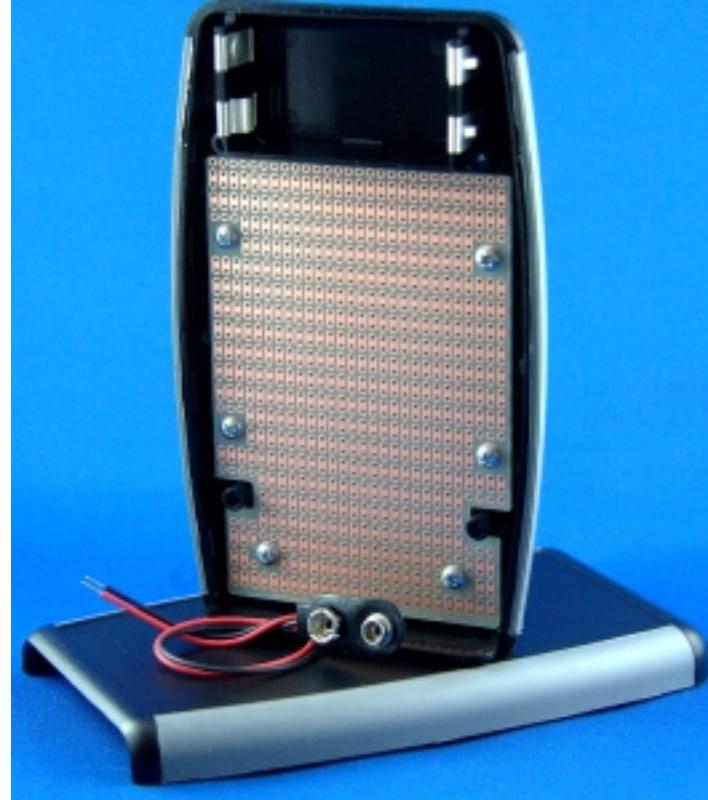
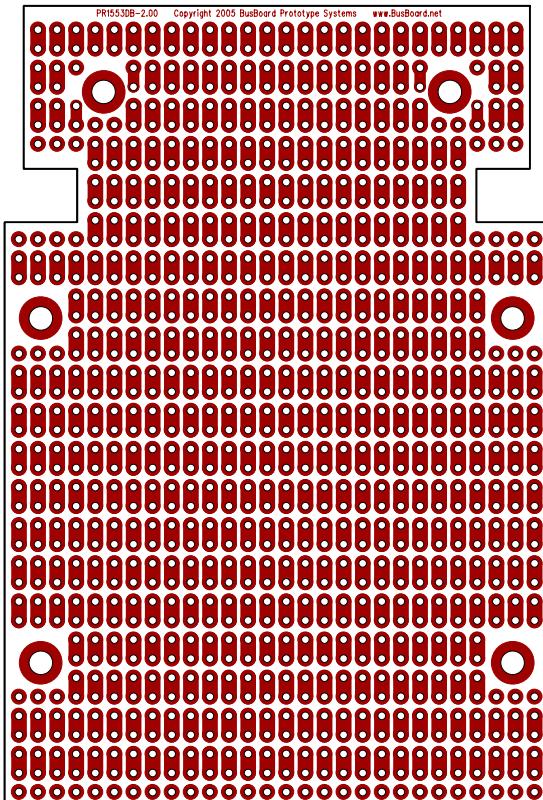
Lead free etched copper PCB with an anti-tarnish coating for easy soldering.

PCB Specifications

- High-quality FR4 glass epoxy board.
- Six 4-40 PCB mounting screws provided.
- Single sided, 1oz/ft² 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)

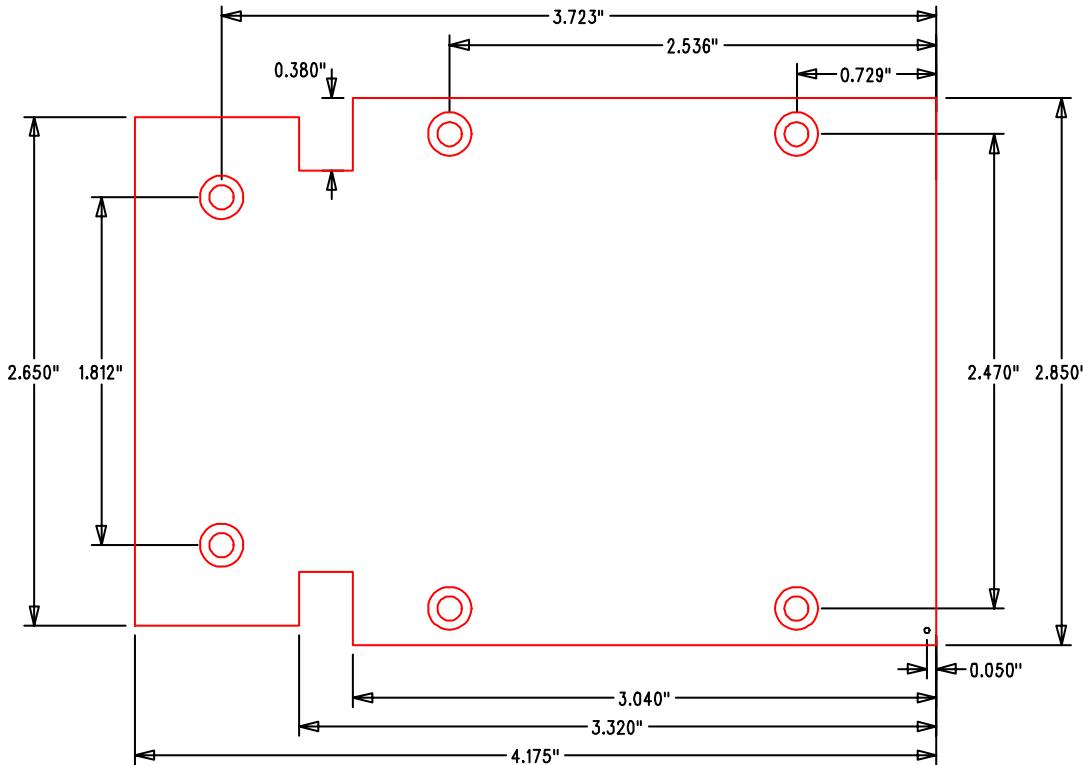
Board Layout (actual size)



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.

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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, 1553DYLKBAT

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



1553DTBKBKBAT



1553DRDBKBKBAT



1553DYLBBKBAT

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1553DBKBAT

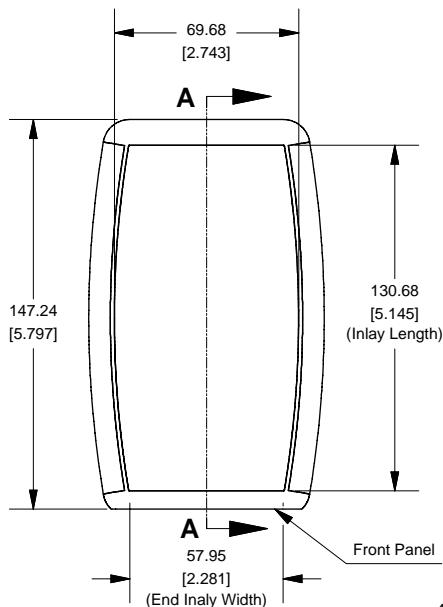
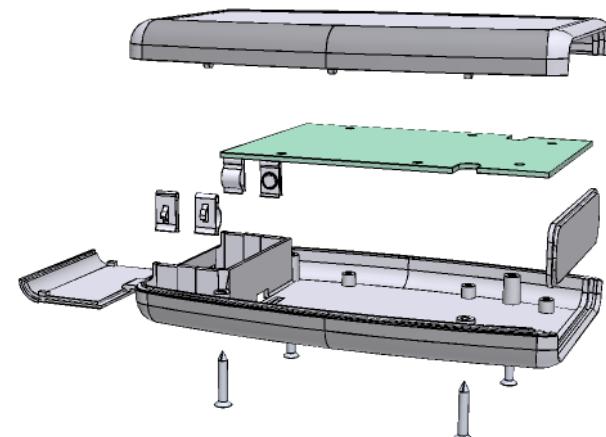
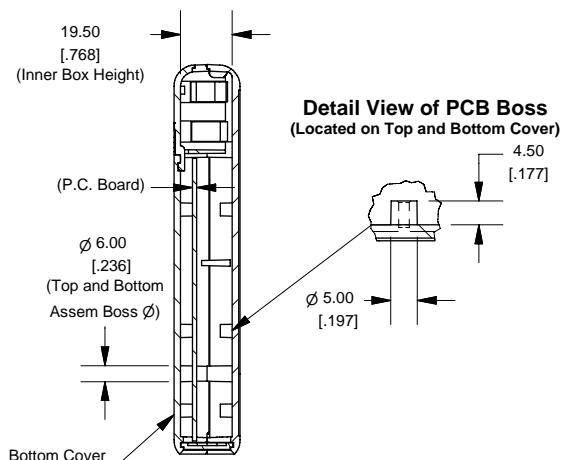
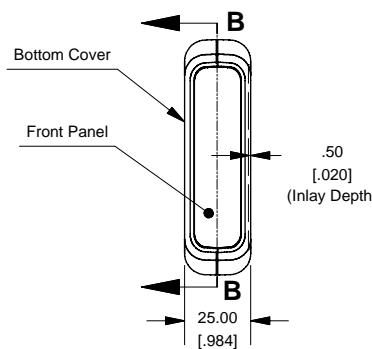
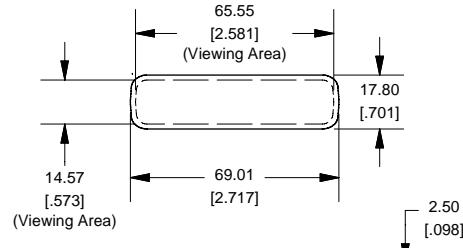
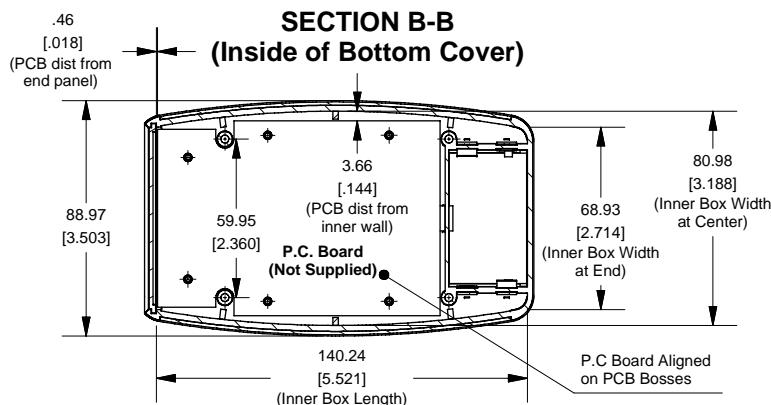
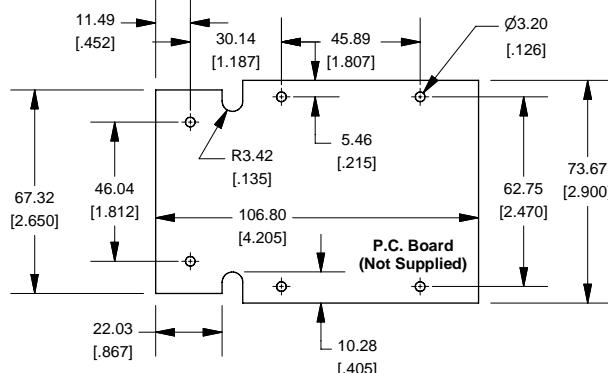


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Top View of Assembly**SECTION A-A**
(Side View Inside Assembly)**End View of Assembly****Front/Rear Panel**
(Dashed Line Indicates Viewing Area)**SECTION B-B**
(Inside of Bottom Cover)**Maximum P.C. Board Size**

Enclosures can be Factory Modified (Milling, Drilling, Printing etc.)
Solid models of this enclosure available in STEP or IGES.
Contact Factory mjm@hammondmfg.com

NOTE	
Enclosure molded from GP ABS (UL94-HB) plastic.	
Purchased assembly includes top and bottom cover, front plastic panel, battery door, battery spring clips, 9V adapter and 4 cover screws.	

PART NUMBERS**1553D Enclosure**

Black Enclosure/Grey Over-mold	1553DBKBAT
Grey Enclosure/Grey Over-mold	1553DGYBAT

ACCESSORIES

Cover Screws (Pkg 100) [#4 x 5/8" self-tapping oval head (15.9mm)]	1593MS100 (Silver) 1593MS100BK (Black)
P.C. Board Screws [#4 x 1/4" self-tapping (6.4mm)]	1593ATS50 (Pkg 50) 1593ATS100 (Pkg 100)
Belt or Pocket Clip	1599CLIP (Black) 1599CLIPGY (Grey)



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1553D-BAT

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