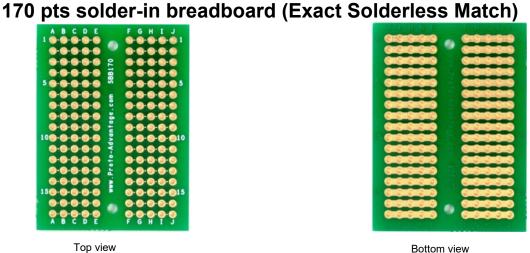


Datasheet revision 1.1

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Top view

**Product Highlights** 

Immersion Gold Finish

All holes are gold plated and are on a 0.1" grid. Column E-F hole-center to hole-center spacing is 0.3" (7.62mm). 1/16" (1.6mm) thick FR-4 UL94V-0 Accepts a variety of wire sizes (20-32 AWG) 2 mounting holes

Usage

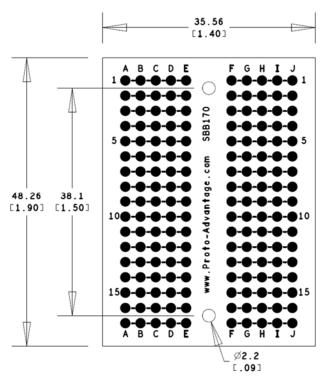
This board exactly copies the routing of a 170 pts tiny solderless breadboard.

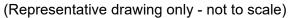
Allows direct transfer of circuits prototyped in a solderless breadboard to a solder-in breadboard to facilitate functional insystem testing or field testing.

**Specifications** 

Wiring Pattern: 1 Terminal Strip 170 Terminal Holes 1.9" x 1.4" x 0.0625" (48.26mm x 35.56mm x 1.6mm) Dimensions: PCB construction: FR-4 UL94V-0 PCB operating temperature range: -40°C to +130°C (-40°F to +266°F) +260°C (500°F) PCB reflow maximum temperature: PCB trace width: 0.059" (1.5mm) PCB trace thickness: 1 oz copper / ft<sup>2</sup> (1.4 mils) (0.03556 mm) PCB trace current capacity\*: 10A continuous @ 40°C rise, 13A continuous @ 80°C rise\* Recommended pin size: 25 mil square wire wrap posts or smaller Diameter of 2 mounting holes: 2.2mm (87 mils)

\* Derived from IPC-2221 current capacity graphs at 25°C ambient temperature. Actual current capacity will vary based on air flow, component density, and other factors.





## Complete Line of Proto Advantage Exact Solderless Match Solder-in Breadboards:

<b>Tiny breadboard mat</b>	ch (P/N: SBB170)
1/6 size breadboard r	match (P/N: SBB136)
1/4 size breadboard r	match (P/N: SBB206)

## 1/2 size breadboard match (P/N: SBB400)

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Full size breadboard match (P/N: SBB830)

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