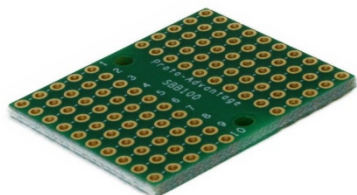


SBB100 *Proto Advantage*

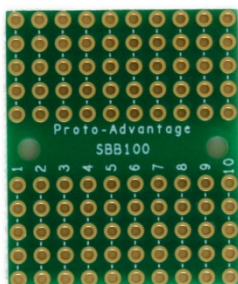
Datasheet revision 1.0

www.Proto-Advantage.com

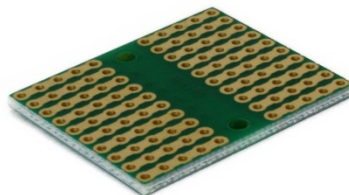
100 pts solder-in breadboard



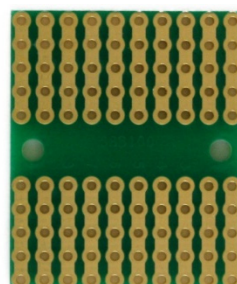
Top view (3D)



Top view (2D)



Bottom view (3D)



Bottom view (2D)

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

Allows transfer of circuits prototyped in a solderless breadboard to a solder-in breadboard to facilitate functional in-system testing, field testing, or for building circuits to deploy in larger finished products.

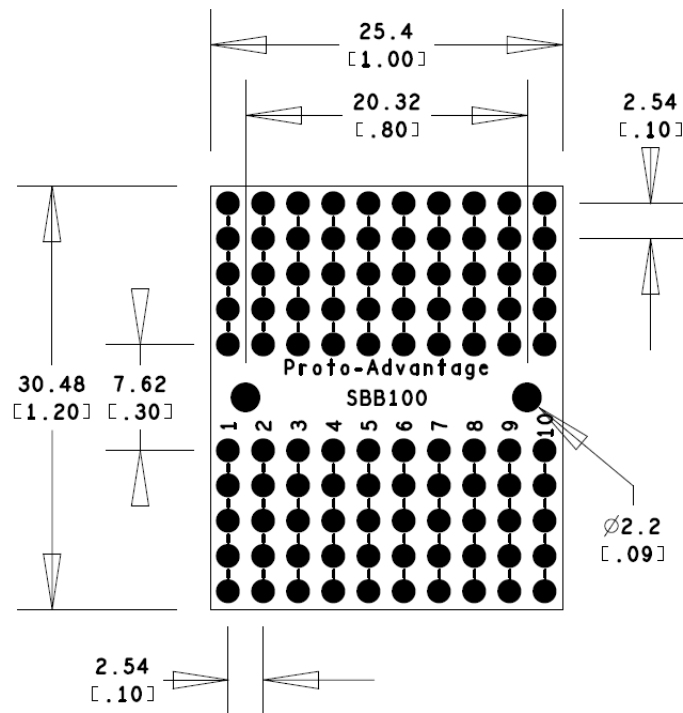
Specifications

Wiring Pattern:	100 Terminal Holes
Dimensions:	1.2" x 1.0" x 0.0625" (30.48mm x 25.4mm x 1.6mm)
PCB construction:	FR-4 UL94V-0
PCB operating temperature range:	-40°C to +130°C (-40°F to +266°F)
PCB reflow maximum temperature:	+260°C (500°F)
PCB trace width:	0.059" (1.5mm)
PCB trace thickness:	1 oz copper / ft ² (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.

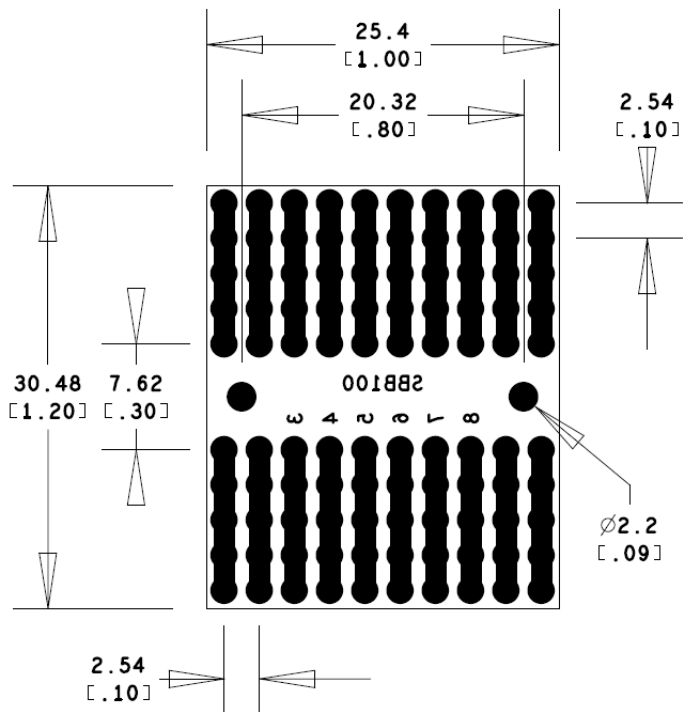
Top View of SBB100

Topside silkscreen lines between holes show where bottom traces electrically connect holes.



(Representative drawing only - not to scale)

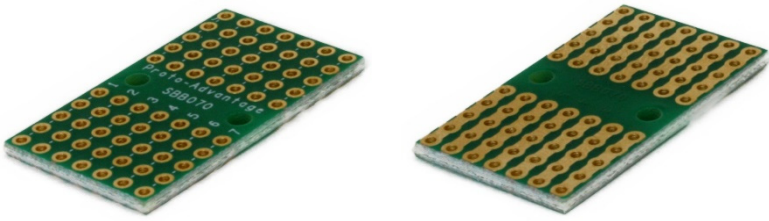
Bottom View (X-Ray) of SBB100



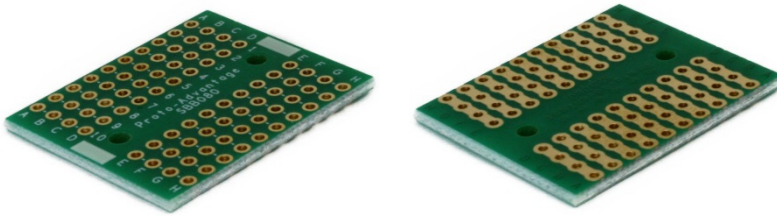
(Representative drawing only - not to scale)

More Proto Advantage Solder-in Breadboards:

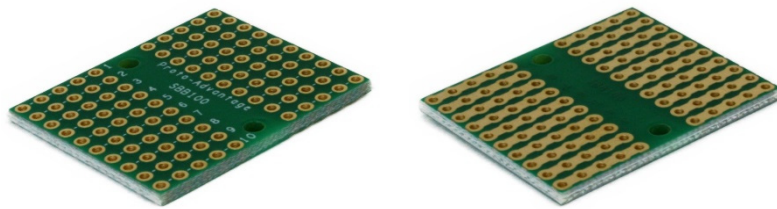
70 pts breadboard (P/N: SBB070)



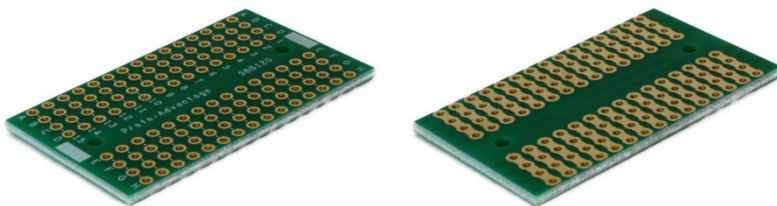
80 pts breadboard (P/N: SBB080)



100 pts breadboard (P/N: SBB100)

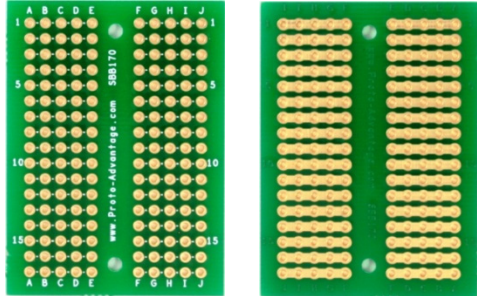


120 pts breadboard (P/N: SBB120)

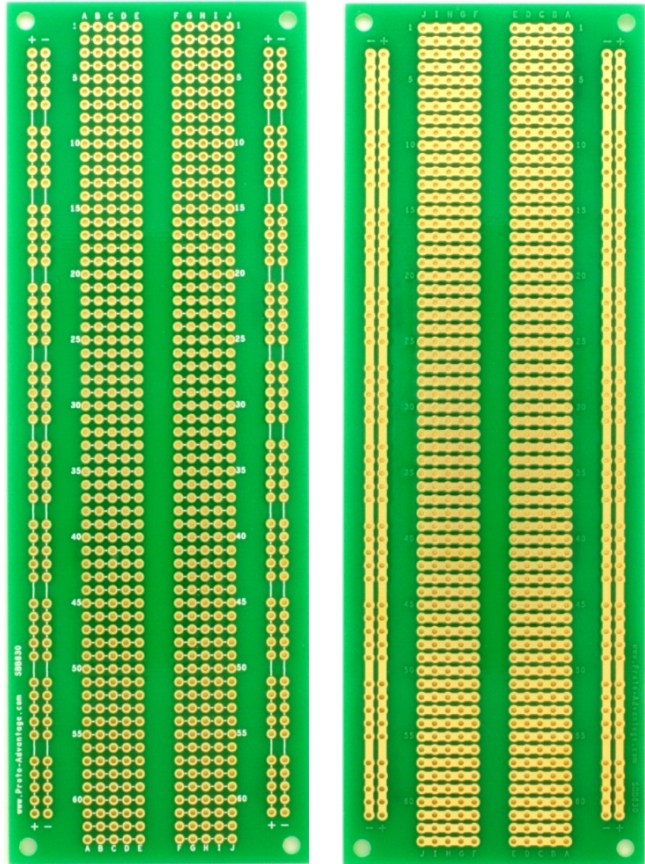


Complete Line of Proto Advantage Exact Solderless Match Solder-in Breadboards:

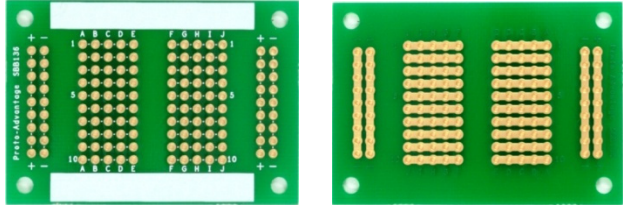
Tiny breadboard match (P/N: SBB170)



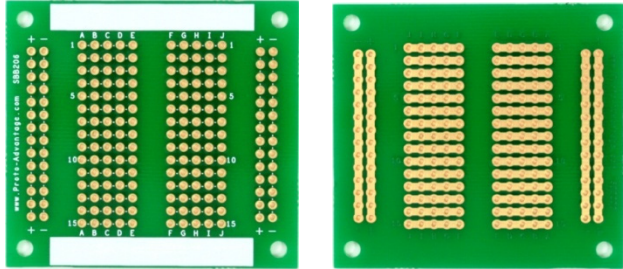
Full size breadboard match (P/N: SBB830)



1/6 size breadboard match (P/N: SBB136)



1/4 size breadboard match (P/N: SBB206)



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

