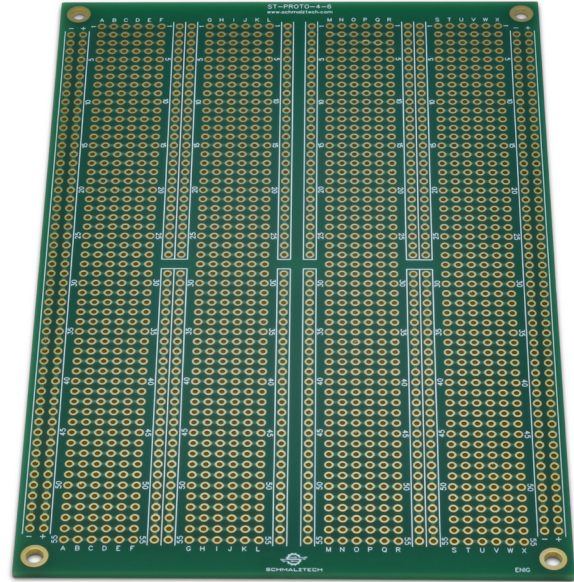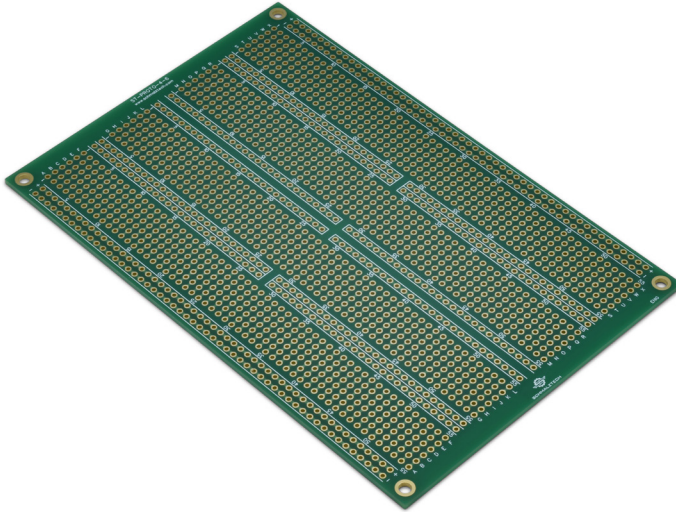# ST-PROTO-4-6

4" x 6" Protoboard

- High quality FR4 can withstand high temperature soldering and re-work
- Standard 0.1" pitch holes enable compatibility with a large variety of components
- Rows are electrically connected for fast circuit creation
- Four mounting holes allow for easy fixturing

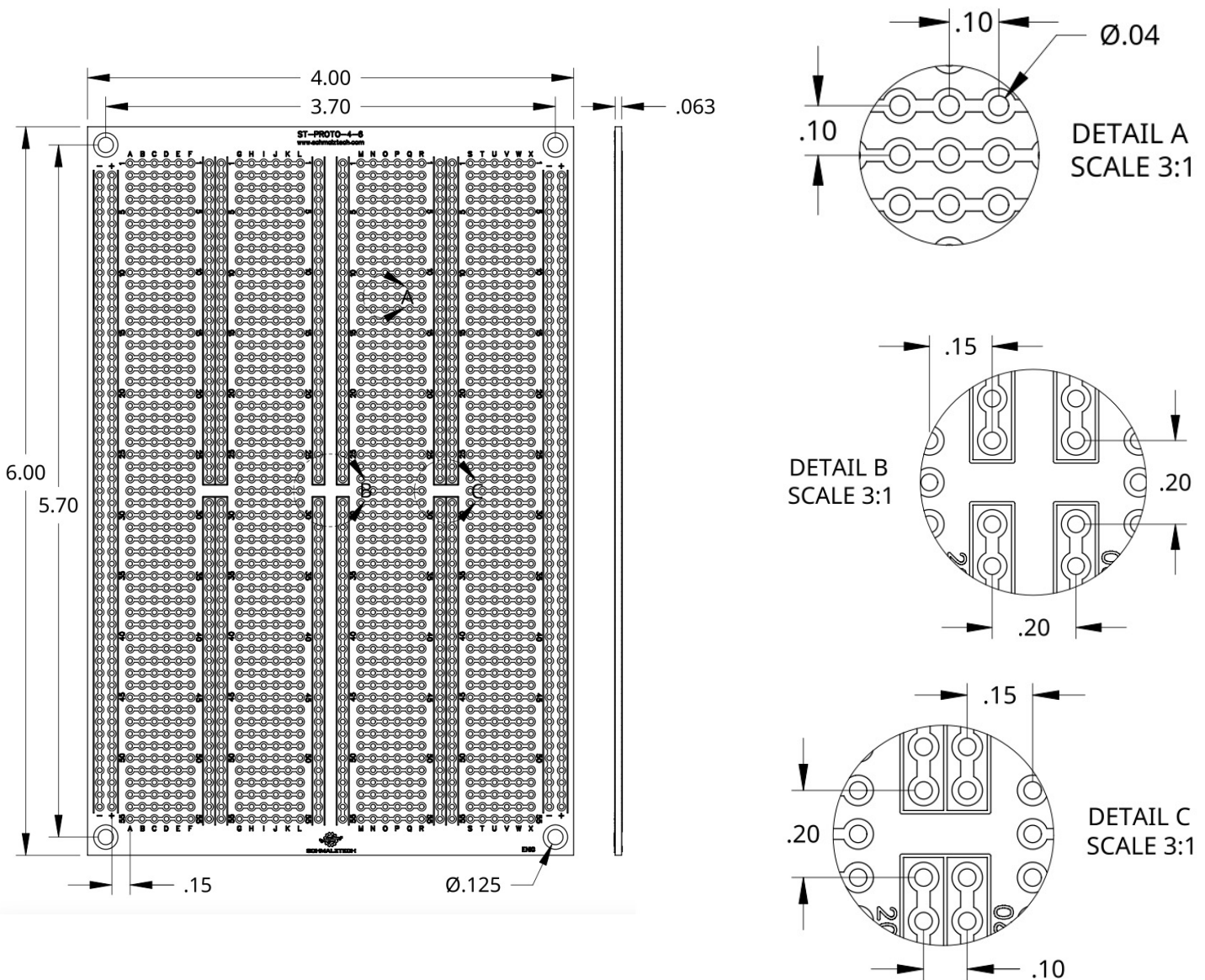| Specifications	
Hole Pitch	0.1"
Hole Diameter	0.040"
Mounting Holes	4x - 0.125"
Surface Finish	ENIG
Temperature Rating	-30°C to +100°C

This protoboard is the perfect tool for quickly prototyping an electronic circuit or turning a breadboard prototype into something more permanent. These boards have a premium ENIG surface finish and are made from high quality FR4 which can withstand high temperature soldering and re-work. The plated through-holes on this prototyping PCB have a standard 0.1" pitch to enable compatibility with a large variety of electronic components. The space between the power rails and the adjacent rows is 0.15". The space between the two center power rails is 0.2". Each hole is electrically connected to a row of holes to make building circuits fast and easy. See the drawing below for a detailed view of the electrical connections on this board. Both sides of this board have solder mask, making it easier to control solder flow and prevent unintentional bridges.

ST-PROTO-4-6

4" x 6" Protoboard

Mechanical Drawings

DETAIL A
SCALE 3:1

DETAIL B
SCALE 3:1

DETAIL C
SCALE 3:1

Electrical Connections

This protoboard is broken up into rows of six electrically connected plated through-holes separated by two half-length power rails. There are also two independent power rails on each side. All electrical connections can be seen in the drawing above.

ST-PROTO - Ordering Information | SCHMALZTECH

ST-PROTO- _____ **-** _____

Length (inches)
See table below for standard length options

Width (inches)
See table below for standard width options

Standard Sizes

Part #	Width	Length
ST-PROTO-1-2	1"	2"
ST-PROTO-1-3	1"	3"
ST-PROTO-1-4	1"	4"
ST-PROTO-1-6	1"	6"
ST-PROTO-1-8	1"	8"
ST-PROTO-2-2	2"	2"
ST-PROTO-2-3	2"	3"
ST-PROTO-2-4	2"	4"
ST-PROTO-2-6	2"	6"
ST-PROTO-2-8	2"	8"
ST-PROTO-3-3	3"	3"
ST-PROTO-3-4	3"	4"
ST-PROTO-3-6	3"	6"
ST-PROTO-3-8	3"	8"
ST-PROTO-4-4	4"	4"
ST-PROTO-4-6	4"	6"
ST-PROTO-4-8	4"	8"
ST-PROTO-6-6	6"	6"
ST-PROTO-6-8	6"	8"
ST-PROTO-8-8	8"	8"

If you need a size that is not listed on the table above please reach out to us at sales@schmalztech.com. We can create a custom design to meet your exact specifications.

ST-PROTO - Ordering Information   SCHMALZTECH

Ordering

To order please visit www.schmalztech.com or one of our distributors to quickly place an online order.

Orders may also be placed by email or phone:
Email: sales@schmalztech.com
Phone: +1 (844) 399-9213

Expedited Shipping

If overnight shipping is required please contact us directly so that we can expedite your order. Overnight shipping is provided through UPS and will incur an additional charge.

Custom Designs

Can't find what you need? We can design and produce a custom board to fit your exact needs. Please reach out to us for additional information and pricing.