

USB 3.1 Type A Female Breakout Board

BRK-USB-A-3.1_{v2.0}

A close-up, high-resolution photograph of a copper-colored printed circuit board (PCB). The image shows intricate patterns of etched circuit traces and numerous circular vias or mounting holes. The lighting creates a sense of depth, highlighting the metallic texture of the board.

V2.0
User Manual

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Chapter 1. Introduction

1.1 What to Expect

The BRK-USB-A-3.1 is a breakout board designed for adding a USB 3.1 SuperSpeed Type A female receptacle connector to any prototyping or DIY project.

A standard 0.1" pitch, 10-pin header can be soldered to J2 allowing developers access to the USB signals and the connector shield.

Plated mounting holes allow the board to be mounted and secured easily.

This User Manual introduces the BRK-USB-A-3.1 and provides necessary details to setup, understand, and use the breakout board.

1.2 Ordering Information

Part Number	Description
BRK-USB-A-3.1v2.0	USB 3.1 Type A Female Breakout Board

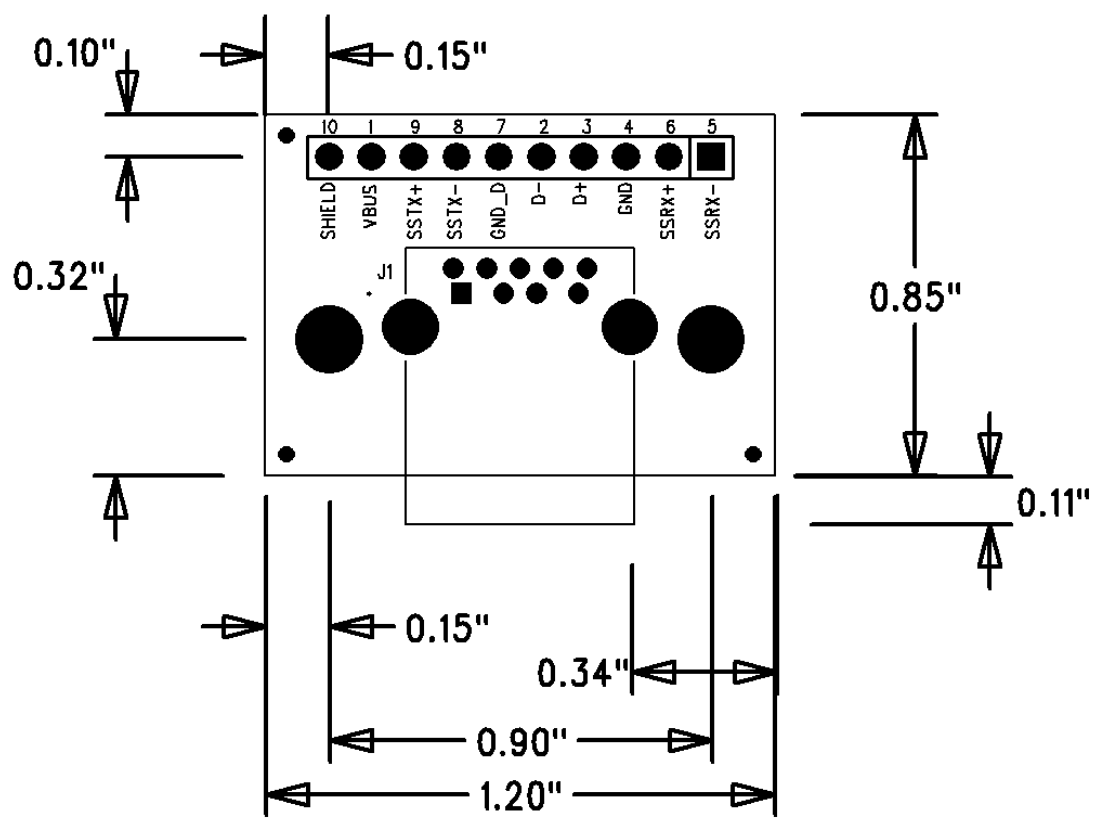
All models can be ordered in bulk in retail packaging. Please contact us if retail packaging is required.

Chapter 2. Getting Started

2.1 Unpacking

Please ensure that all necessary Electrostatic Discharge (ESD) precautions are taken before removing the product from its packaging. These may include touching a grounded object, using a grounded wrist strap, and using a grounded table mat to eliminate any stored static energy.

2.2 Device Diagram & Dimensions

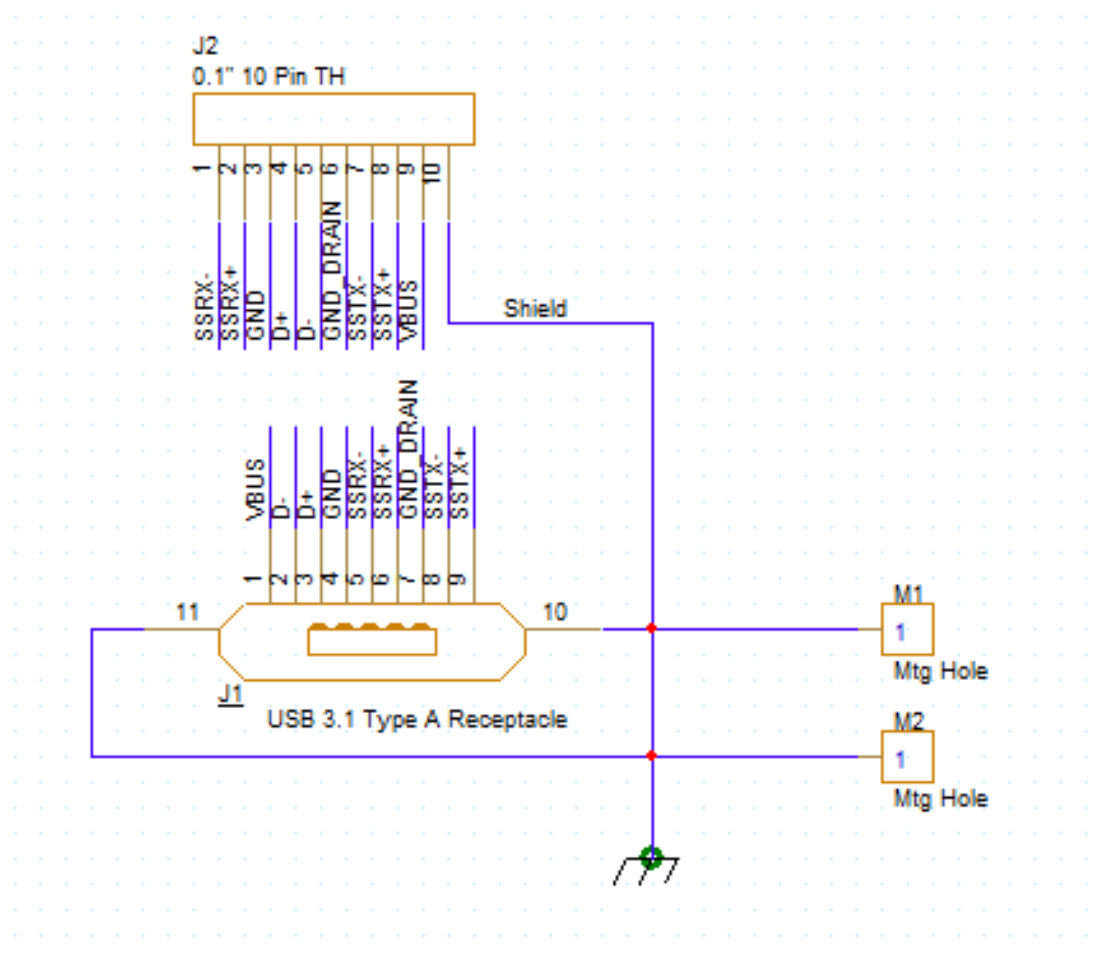


Indicator	Function
J1	USB Type A 3.1 Female Receptacle connector
J2	0.1" I/O connector

3D Step models of products may be found online or by contacting support.

Chapter 3. Setup and Operation

3.1 Schematics



3.2 Mounting Holes

Three mounting holes for use with 4-40 screws and standoffs.

Chapter 4. Technical Support & Warranty

4.1 Technical Support

If you run into any trouble with your Saiko Systems Ltd. product, or need further assistance than is provided in this User Manual or other resources, rest assured that we are here to help!

The Saiko Systems Ltd. support network includes a Knowledge Base of known issues which is available to you 24-hours a day. If the information you are looking for isn't provided in the Knowledge Base, simply email our Technical Support Team and we will assist you to the best of our ability.

Name:

Saiko Systems Ltd. Support

Available from:

- <http://support.saikosystems.com>
- support@saikosystems.com

4.2 Limited Warranty

This product is covered under Saiko System's limited OEM Warranty. Please contact us in case of malfunction, or if your module requires repair.

All items require an RMA number before they can be returned to Saiko Systems for any reason.

**Warning:**

Unauthorized modifications or repair, soldering, drilling, painting, conformal coating, misuse, abuse, neglect, improper maintenance or storage, damage resulting from electrostatic discharge (ESD), removing or altering any identifying markings including Part Number and Serial Number will void the warranty.

Chapter 5. History

Date	Version	Action
10/15/202	1.0	Original released



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