DESCRIPTION

Simple but effective – this breakout board has a USB Micro-B connector, with all 5 pins broken out. Great for pairing with a microcontroller with USB support, or adding USB 5V power to a project.
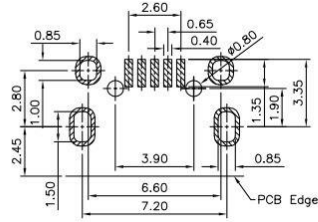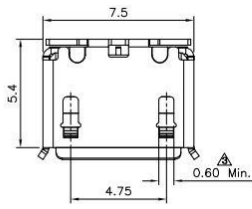
We use a micro-AB connector with through-hole shielding pads for an excellent strong connection – it won't rip off by accident!

Comes with one fully assembled and tested micro B breakout PCB and a small stick of 0.1" header so you can solder it on and plug into a breadboard.
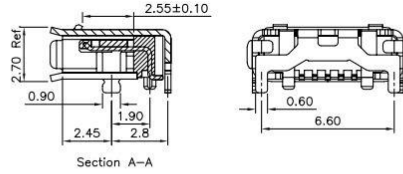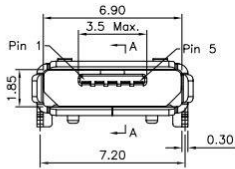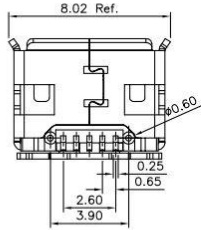
TECHNICAL DETAILS

Dimensions:

- 10mm x 20mm x 4mm / 0.4" x 0.8" x 0.2"
- Height (w/ out micro USB connector): 1mm / 0.04"
- Weight: 0.64g

7.5

5.4

0.60 Min.

4.75

2.60

0.85 0.65 0.40 Φ0.80

2.80 1.00 1.35 1.90 3.35

2.45

1.50

3.90 0.85

6.60

7.20

PCB Edge

⚠ Recommended P.C.B. Layout(Top View)
(PCB Board Tolerance±0.05)

6.90

3.5 Max.

Pin 1 A Pin 5

1.85

A

7.20 0.30

2.55±0.10

2.70 Ref.

0.90

1.90

2.45 2.8

Section A—A

0.60

6.60

8.02 Ref.

Φ0.60

0.25

0.65

2.60

3.90

SPECIFICATION
⚠ Power Supply:1.8 Amp(Pin1,5),Other Contacts 0.5 Amp
Voltage:30V Max.
Withstanding Voltage:100V AC
Insulation Resistance:100 Megaohms Min.
Contact Resistance:30 Milliohms Max.
        40 Milliohms Max. After 10000 Cycles
Temperature Range:−30°C~+80°C
Mating Force:35N Max.
Withdrawal Force:10N Min.
Durability:10000 Cycles Min.
        8~20N After 10000 Cycles
Insulator:LCP+30%G.F.(UL94V−0)
Contact:Brass
        Gold Flash Over All,Over Nickel
⚠ Shell:SUS301,Nickel Plated Over All
RoHS Compliant

DRAWING No.		APPROVED BY	EMILY	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE .X ±0.35 .X° ±2° .XX ±0.25 .XX° ±1° .XXX ±0.13 .XXX° ±0.5°						
		CHECKED BY	HZF		⚠	A3	Modify Data	HZF	04/09/2013
20329					⚠	A2	Modify Data	HZF	02/20/2012
		DRAWING BY	SONG		⚠	A1	Modify Spec.	HZF	12/29/2011
					⚠	A0	NEW RELEASE	HZF	06/13/2011
SCALE	NONE	REV.	A3	UNIT mm	NO.	REV.	REVISIONS	CHK	DATE