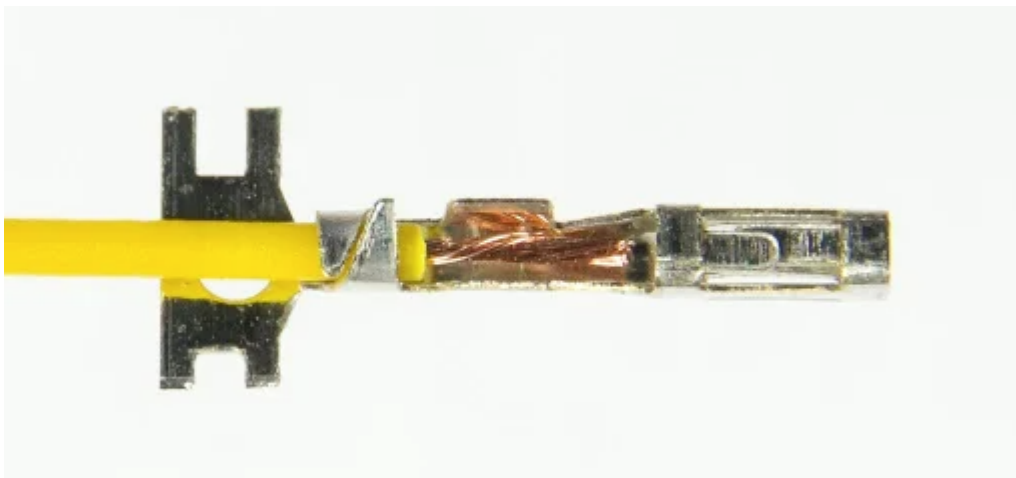


## USB cable assembly

1. If recycling a cable from another USB power cable, or if using an extension cable, cut the cable 10-40cm from the plug end you would like to use
2. Strip 3-5 cm of the outer insulation sleeving from the cable
3. Isolate the inner wires from the cable and strip 5mm from each wire
4. Crimp each wire with a female Dupont crimp in line with the crimping guide

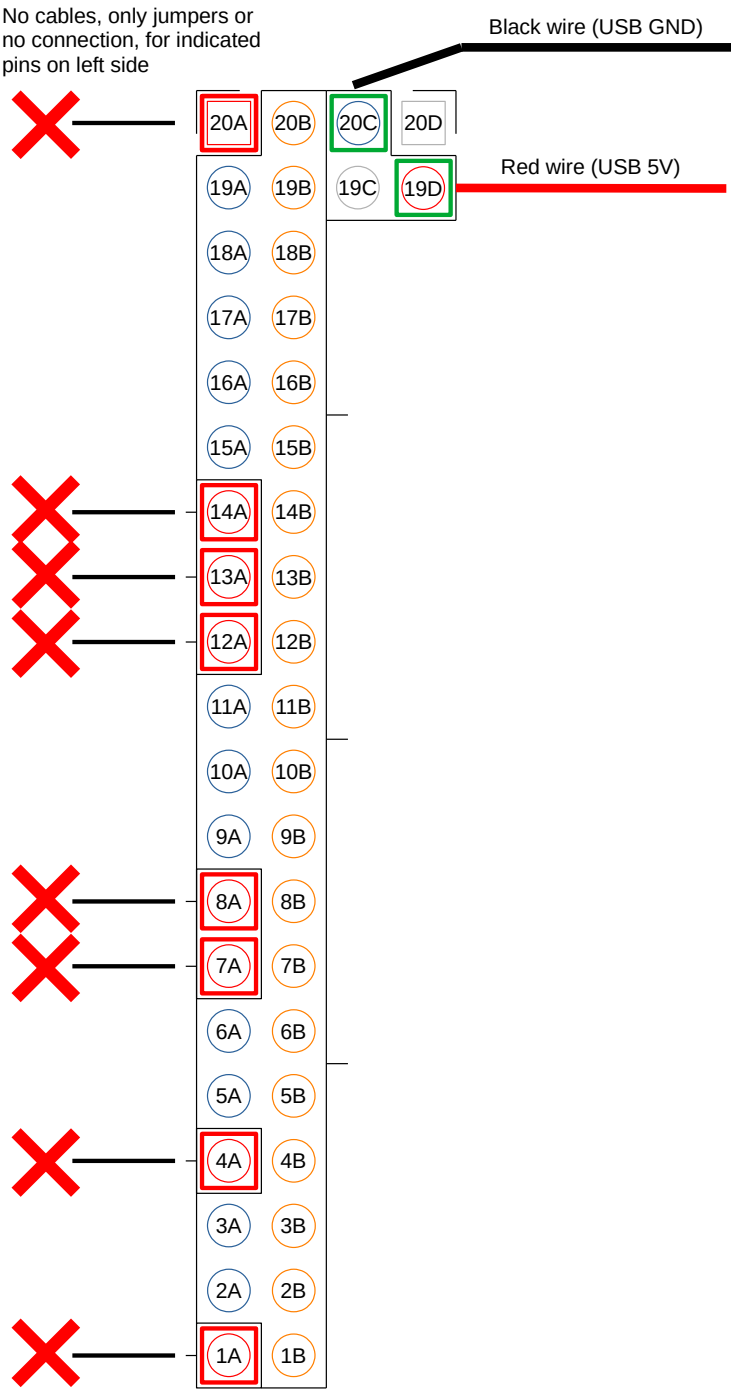
## Crimping

1. Place the wire in a female Dupont crimp
2. Fold the pull relief around the wire



3. Use a crimping tool to shrink the connector around the wire ends
4. Slide the connector housing onto the crimp until it mounts, making sure the orientation is correct

# USB power connection diagram



## **USB Power connection guide**

1. [IMPORTANT] Unplug any wires from the system on the pins indicated with an X
2. If a wire is already connected to 19D, unplug it
3. Connect the red wire of the USB cable to pin 19D
4. Connect the black wire of the USB cable to Pin 20C, or any other free ground pin

Valid ground pins are: 2A, 3A, 5A, 6A, 9A, 10A, 11A, 15A, 16A, 17A, 18A, 19A, 20C