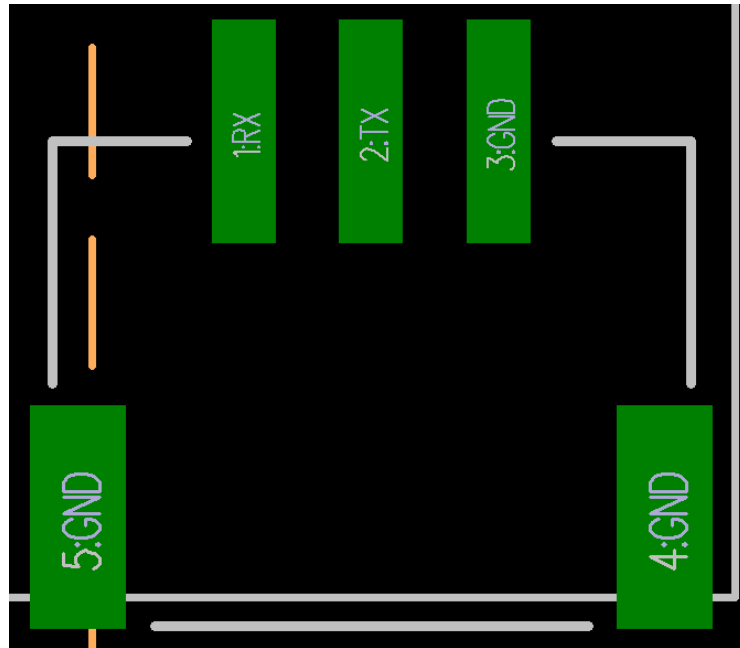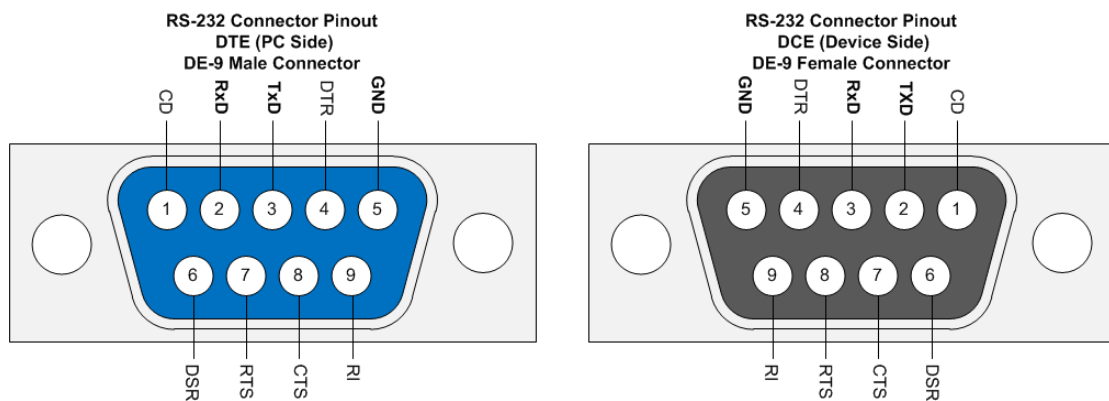# GX MINISTICK Serial Port Connection Guide

● Below PIC-1 shows the PCB layout of serial ports, of which there are 3 PINs:
1RX: Received Pin
2TX: Transmitted Pin
3GND: Signal Ground

PIC-1. PCB Layout of Serial port

● Below PIC-2 shows the DE-9 type connector of serial port (Left: Male, Right: Female)

PIC-2. DE-9 Type connector

The left DE-9 male connector is what to use, please follow the steps below:
*STEP1*: Connect 2th PIN (of DE-9 male connector on PIC-2) to 1th PIN on PIC-1
*STEP2*: Connect 3th PIN (of DE-9 male connector on PIC-2) to 2th PIN on PIC-1.
*STEP3*: Connect 5th PIN (of DE-9 male connector on PIC-2) to 3th PIN (or any other GND ports) on PIC-1.

● After soldering the connector should be like below (PIC-3):



PIC-3. After Soldering