**Proximity Switch: QC Guide**

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|  | Solder on the correct PCB side All component will be **inserted** on the PCB side that says “Top” and **soldered** on the side marked “Bottom”. |
|  | Trim all excess leads There is limited space between the bottom of the PCB and the bottom case. Make sure all leads are trimmed after soldering so it fits in the case. |
|  | Capacitors Capacitors may look similar so look at the printed labelling to differentiate them. |
|  | Ensure components are inserted flush to the board Components not soldered flush to the board may interfere with the case. A good tip is to solder one lead first, check to see if part is flush, and continue soldering. |
|  | Diode Insert the diode with the silver band towards the C5 marking. |
|  | LED Insert the LED with the longer lead towards the centre of the PCB. |
|  | White dot Several components have white dots on the top. Align the white dot on the component with the white dot on the PCB. |
|  | Soldering the battery holder Be careful of the soldering iron when soldering the battery holder to the PCB as the heat may damage surrounding components. |
|  | Mono cable When inserting and soldering the mono cable to the PCB, ensure enough clearance around the highlighted yellow circle. |
|  | Zip tie Cinch the zip tie in the depicted manner or else the knot will interfere with the case. |
|  | Support Material Remove all the support material from the top case. |