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Soldering a Barrel Plug onto the end of single color Flexible LED Strip

The best way to connect our single color flexible LED strips to our power supplies is with a male barrel plug. The simplest way to do this would be to solder onto the end of the strip. If you do not know how to solder, you could either 1. order your strips from us with a pre-soldered barrel plug, or 2. connect the wires from the barrel plug to attached wires on the end of the strip via butt connectors (please view our other tutorial entitled "Making a waterproof connection with butt connectors").

Step #1: Remove about a ¼" of the waterproof coating from the end of the strip. You may use your fingernail (if you use a knife be very careful not to cut through the circuit board).



Step #2: Pre tin the solder pads on the end of the strip with Rosin- Cor Solder. The wires on the end of the barrel plug should already be stripped and pre tinned.



Step #3: Set the stripped wires of the male barrel plug onto the pre tinned solder pads, red for (+) and black for (-). Solder the wires to the solder pads on the LED strip.



Step #4: Cover your connection with hot glue and shrink heat tubing.

