

LED Flex Quick-Solder Connector

FOR USE ONLY WITH CLASS 2 POWER SUPPLIES

ONLY FOR MODELS:

10mm Wide Type A Flex Strips

Not to be used with Type B, C or G (Strips that have covers or coatings)



Warning:

Connectors are rated for a **maximum 3 amp per connector**, indoor use (dry area). For low voltage use only (12 to 24v). Make sure that the correct power is used. The voltage is marked on the LED FLEX STRIP. Contact a locally licensed electrician for install (experienced personal familiar with low voltage DC lighting and wiring techniques). Insure that proper current protection is in place (overload protection) and does not exceed 3 amps. For use only with **CLASS 2 POWER supplies. (Use only with LED World's Class 2 type Power Supplies)**. Not for through wall, in wall or use in washrooms. For stationary indoor dry location use only. **Do not use in Auto or Marine applications.** Do not subject to movement. Connections can be made at all marked intervals (scissor) only. Install according to local electrical code requirements. To be sold with instructions. Not following the instructions or using of connectors with any other type LED strips will void warranty and may create serious hazard.

Method of Attachment

Solder the strip to connector terminals: This method secures the connection and prevents movement of the strip. Please make sure you have the correct width of connector; typically 10mm for bright, bright plus & triple bright.

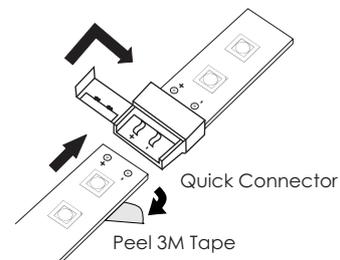
Important Note: Check the Polarity marks and make sure that connector tabs are directly over (and centered) the LED Flex Strip connector pads.



Step 1:

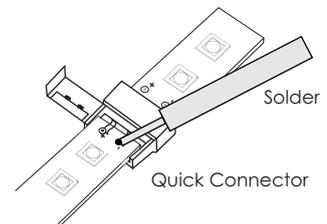
Open Snap connector lid at side. Carefully note the polarity marks on top of lid (see arrows) and polarity marks on Flex Strips (+) and (-). Polarities must match (+ to +). Gently slide the Flex Strips under the metal clips so that the strip is at the end of the plastic clip and the metal clips are over the connection points. Note that if the strip is too long, a further cut may be required to insure the metal clips are over the connection points.

TIP: If the strip does not go underneath the clips, it may be required to gently bend up the metal clips in order to slide in the Flex Strip in place or the strip is not trimmed enough. Use a thin flat screwdriver to gently bend up the metal



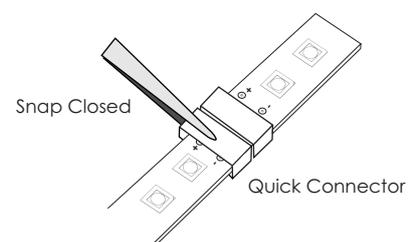
Step 2 | Solder Method:

To insure that the strip is properly held in the QuickSnap connector, solder the strip to the metal clip. This task requires experienced personnel with solder wire techniques. Check that a proper bond has been made and strip is securely soldered. Close and secure (step three) with needle nose pliers the cover until it snaps closed.



Step 3: | Important:

Close the Snap connector lid at side **tightly** using needle nose pliers. After connection has been made, check for correct polarity and carefully examine for any possibility of crossover. Gently wiggle once to test connection and if the light flickers (not lighting) or the connection comes loose, it has not been done properly and needs to be redone following the above steps. Discard connector and do not re-use if connection is loose. Gently pull on the connector to insure it has been properly set and it does not come out. Do not pull hard. Finally; Securely fasten to surface using silicone glue to back side (opposite to lid side). Secure wires with clips (such as electrical Cable Clamps with Adhesive or screw mounting).

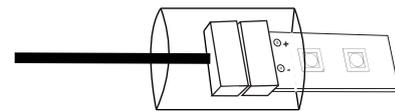


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Step 4: | Important:

Apply 1/2" wide by 1 1/2" long electrical heat shrink over the connector



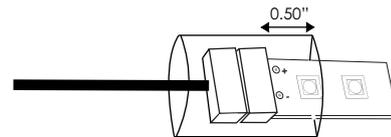
Heat Shrink

Step 5

Apply heat with Heat Gun to secure and shrink wrap over connector.
Secure wire with wire clamp to prevent movement.

Step 5.1

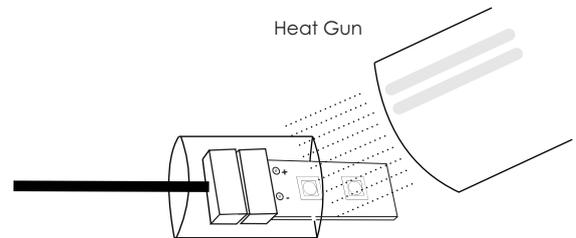
Place 1 1/2" heat shrink over connector and LED strip.



Heat Shrink

Step 5.2

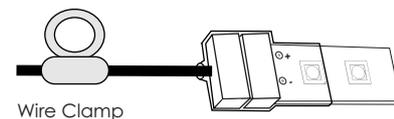
Apply heat to with a Heat Gun for about 5 to 9 seconds until the heat shrink shrinks and mold's itself over the two piece.



Heat Shrink

Step 5.3

Make sure the strip is fastened with double-sided tape to clean surface (burrows free surface). Make sure that the wire from the strip is fastened with wire clamp for additional support within 4" (100mm).



Wire Clamp

Step 5.4

Center 1 1/2" heat shrink over connector and apply heat to with a Heat Gun for about 5 to 9 seconds until the heat shrink shrinks and mold's itself over the piece.

