

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

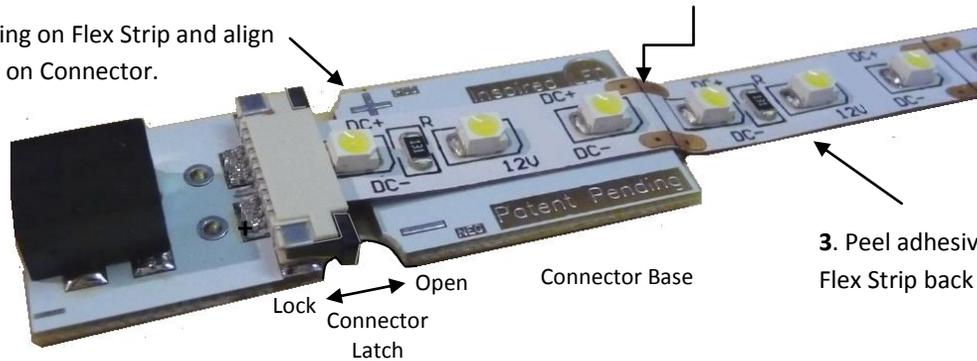
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

Solderless LED Flex Connector from Inspired LED

Easy enough to terminate strips in the field -
Reliable enough to terminate strips ahead of time.

1. Cut Flex Strip to length at line (after each set of three LEDs.)
Must cut strip with sharp scissors & in a straight line*
2. Locate (+) marking on Flex Strip and align with (+) marking on Connector.
3. Peel adhesive backing of LED Flex Strip back approximately 2".
4. Holding latch open with thumb and forefinger slide Flex Strip fully into connector, slide latch to full lock position and press Flex Strip onto Connector Base.
5. Test strip to ensure that you have full insertion and that polarity is correct.
6. Install when ready by removing adhesive backing from Connector Base.



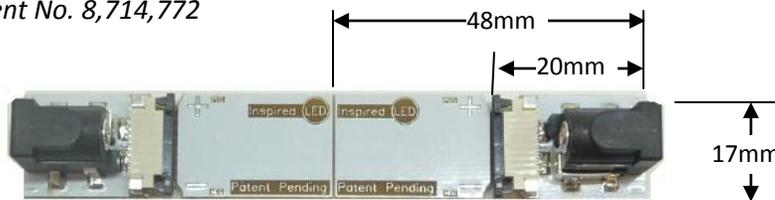
*Some cut points are presoldered, these points cannot be terminated with this connector. In this instance cut strip one section short. The spread of the light will make 3 fewer LEDs unnoticeable.

Technical Features

- > Provides Solderless termination to from LED Flex Strips to popular LED connectors.
- > Termination for both 8 and 10mm wide LED Flex Strips.
- > Direct connection to most Class 2 Power Supplies.
- > Easy board to board connection through off the shelf Cable Assemblies.
- > Allows for assembly and testing on the bench before installation.
- > Industry proven locking system meets shock and vibration requirements of IEC 60068-2-27
- > Use only in indoor applications.
- > Patented technology: *U.S. Patent No. 8,714,772*

4937

5.5 x 2.1 mm DC Connector



4938

3.5 x 1.3 mm DC Connector



4939

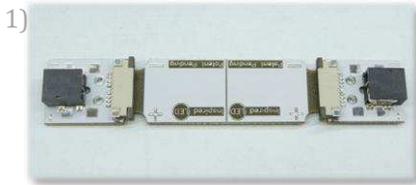
Wire termination



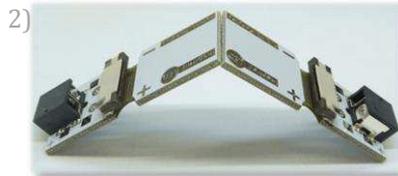
Includes detachable 2 pin
Screw Terminals 24-12 AWG

Tiger Paws, How to. Detailed Description.

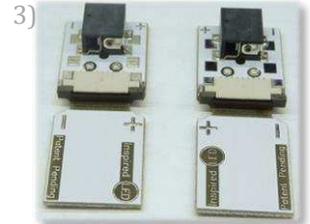
U.S. Patent No. 8,714,772



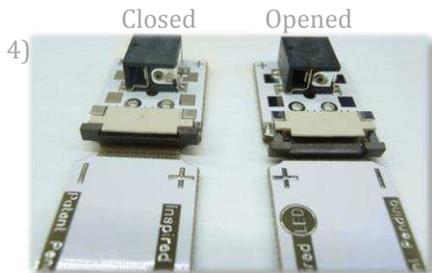
Tiger Paws come in pairs, to ensure that both ends of a flexible LED strip can be terminated.



If they are still connected together, break them apart along the scored center line.



Notice the different polarities, marked by the + and - symbols.

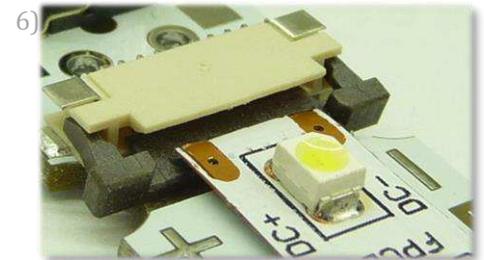


Also notice the LED connector - it opens for easy strip insertion and latches to secure the connection.

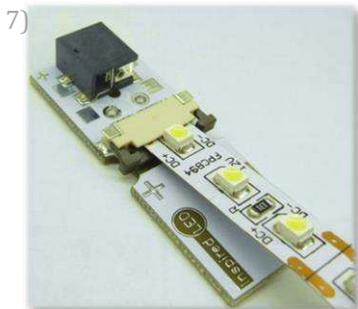
****You must cut the flexible strip with sharp scissors & in a straight line****



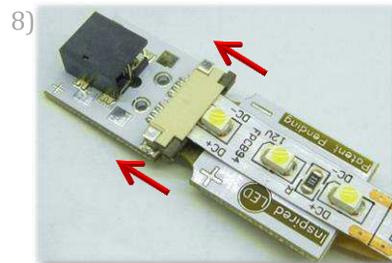
Now select the tiger paw that matches the polarity of the flexible LED strip end you would like to terminate. Peel back the adhesive liner on the LED strip about 1.5 inches. Please note that solder pads with a bump of solder on them cannot be terminated with this item.



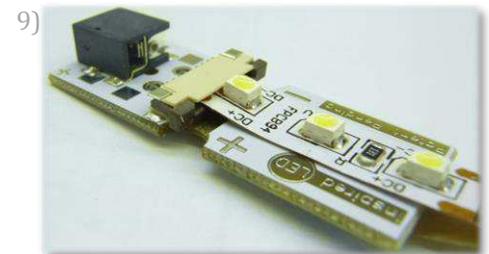
Insert the flexible LED strip into the **open** LED connector: *above* the sliding latch and *below* the beige top. Again, make sure that the positive side of the strip matches the positive side of the board.



Make sure the LED strip is centered and fully inserted into the LED connector. You may need to hold the latch open with one hand so that the adhesive doesn't pull the latch closed prematurely.

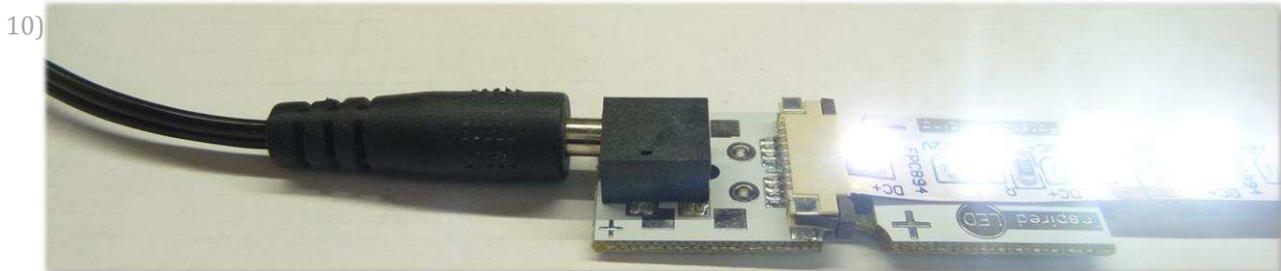


Secure the LED connector by closing the sliding latch. Again, the adhesive may want to resist. Your thumb nails are your friend here.



Reinforce the connection by pressing and sticking the flexible strip to the rest of the connector board.

Plug it in, to verify the connection.



If there is any flickering, make sure flex is fully inserted and that the latch is secure. If no lights turn on, check polarity.