

BEETLE CLIP INVISIBLE



Z-SPPT-P2-Icon

Basic parameters:

Rated current: 5.5A
Rated voltage (III/2): 0-36 V
Digit: 2
Contact distance: 0.22"
Color: Transparent
Contact surface: Cu

Product characteristics

The new Beetle Clip series light strip special connector, the new ultra-narrow, invisible, seamless, no shelter, the new design not only realizes the safest, fastest and easiest way to install the light strip connection, but also makes the light strip solve the shadow of the connection after the previous connection, highly restore the original light effect of the light strip. The new connector is suitable for high density more than 73/FT beads (including COB light strip), and is also suitable for quick installation of aluminum groove linear light strip. When installing the light strip, it improves the flexible application and convenience of the site. The innovative connection structure enables the connection between the light strip and the connector to have a better bite force, so as to achieve connection stability, and it is not easy for the light strip to fall off.



Technology and parameter

Shell: Polycarbonate

Contact sheet: Eco-friendly hardware material high precision copper

Contact surface treatment: environmental protection and anti-corrosion treatment

Rated voltage: 0-36V

Rated current: less than 5.5A

(Note: Please refer to the maximum current of the wire for the wire connector included.)

Working temperature: 14°F to 113°F (-10°C to 45°C)

Temperature resistance: rubber shell 221°F (105°C)

Flame retardant rating: in line with UL-94-V0

Wire cross section: 0.0008in²AWG20#

Applicable light strip specifications: 0.31" width, bare plate light strip, monochrome, lamp bead number is more than 73 / FT, COB light strip.

Flexible strip PCB process: plating board (not suitable for wire board), thickness 0.01" ~ 0.013"

In order to prevent the connector from discoloration, dropping, and abnormal use during installation, the following storage conditions must be observed.

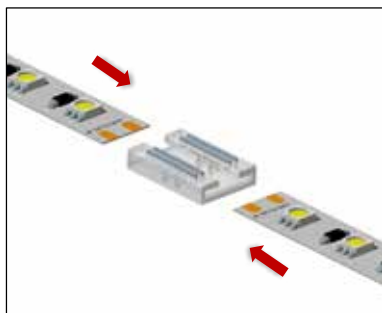
1. High temperature and high humidity environment will cause product discoloration, it is recommended to store in an environment with temperature and humidity management.
2. Please try the product within 6 months from the factory. The validity period is 1 year.
3. The raw material of the connector is very easy to absorb moisture, and if the temperature changes sharply in the hygroscopic state, the outer body color change phenomenon is generated. It is recommended to store in a ventilated and dry environment to avoid sunlight.

Product certification

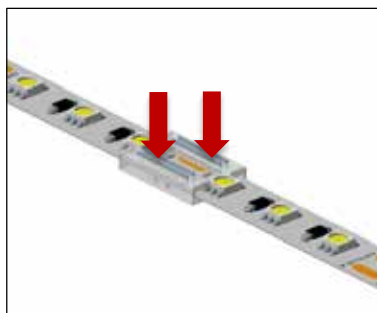


Light strip connection signal

Connection diagram of SMD light strip



1. Insert the light strip into the transparent slot of the connector so that the light strip is relative to the middle of the connector (note: the positive and negative poles of the two sides should correspond to the light strip).



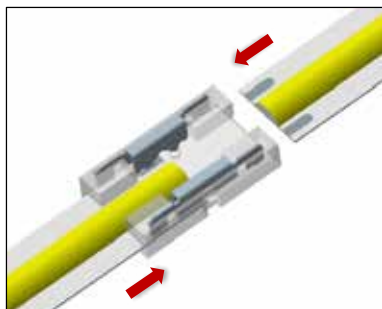
2. Insert the two sides to the light to the middle position after alignment, use a tool to press the hardware to the end, can use a tool (such as electrician's pliers).



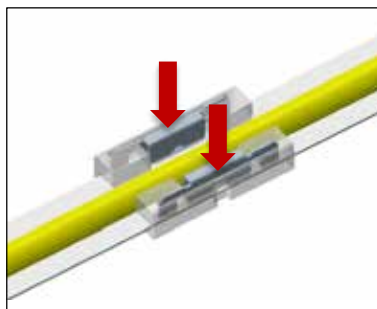
Connect the light strip to the end of the light strip section.

Note: When the light strip is connected to the light strip, pay attention to the positive and negative polarity of the light strip. (positive for positive)

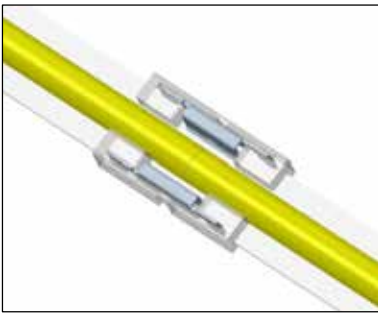
COB light strip connection diagram



1. Insert the light strip into the transparent slot of the connector so that the light strip is relative to the middle of the connector (note: the positive and negative poles of the two sides should correspond to the light strip).



2. Insert the two sides to the light to the middle position after alignment, use a tool to press the hardware to the end, can use a tool (such as electrician's pliers).



Note: When the light strip is connected to the light strip, pay attention to the positive and negative polarity of the light strip. (positive for positive)

Connect the light strip to the end of the light strip section.

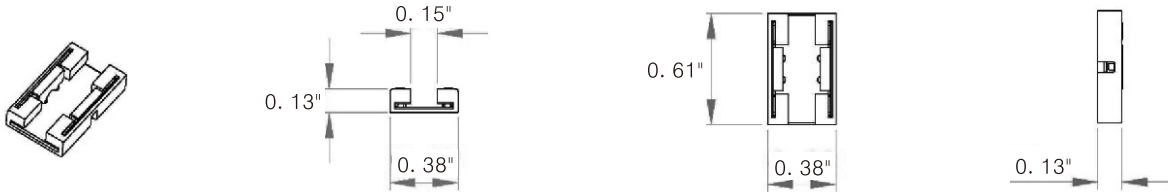
Abnormal cause:.

1. Whether the PCB thickness of the light strip matches.
2. Whether the distance between the pad and the hardware contact sheet is too large, and whether the pad is above the five pieces.
3. Check whether the indicator strip is in good condition.

Basic dimension

Model number:

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Note: All unmarked tolerances are ± 0.004 "

Unit: "