

Product information

Product name: SMD & COB strip light connector (screw lock type)



Item No. LO-SCREWCON-STW



Item No. LO-SCREWCON-STS

Rated current: 6.0A
Rated Voltage (III/2): 0-36
V Pins: 2, Contact Spacing:
4.5 mm Color: Transparent
Contact surface: CU

This series of products has applied for patent protection, imitation must be investigated

Features

Screw type connector, brand new structure design, ultra-narrow, transparent appearance, not only realize the safest, fast and convenient connection method, but also make the connection effect better, improving the flexibility and convenience of connection



Technology and parameters

Shell: Polycarbonate

Contact sheet: Environmentally friendly hardware material high-precision copper

Contact sheet surface treatment: environmental protection anti-corrosion treatment

Rated voltage: 0-36V

Rated current: Less than 6.0A

Recommended wire specification: 14AWG-20AWG

Working environment temperature: -10 ~ 45

Temperature resistance: Plastic case 105°C

Flame retardant grade: Complies with UL-94-V0

Applicable light strip specifications: 10 mm width, SMD & COB strip, single color, ≤ 120 LEDs/M

PCB process of flexible light strip: electroplating plate (not suitable for lead plate), thickness 0.25mm~0.35mm

In order to prevent discoloration of the connector, loss of usability, and abnormality during installation and use, the following storage conditions must be observed.

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

Product certification



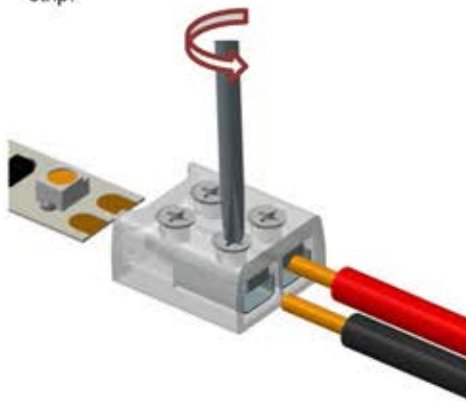
Light strip connection indication



1. Unfold the light strip and cut the required length, cut it from the cutting place of the light strip.



2. Peel off the 3M isolation tape from the light strip.



3. Loosen the screws to peel off the outer rubber of the light strip and wire and insert it into the connector (note: the positive and negative poles of the light strip in both directions should correspond).



4. After inserting, lock the screw.



5. For the installation of strip to strip, refer to the installation instructions of the above light strips.

Abnormal reason:

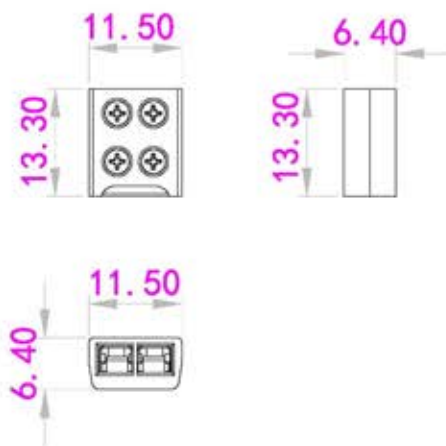
Power on does not work

1. Please check if the power supply is working normally.
2. Whether the positive and negative poles of the wires, light strips and light strips are wrong.
3. Whether the LED strip PCB width matches.
4. Whether the distance between the pad and the hardware contact piece is too large, the pad is too small or whether the pad is on the hardware.
5. Check whether the light strip is intact.

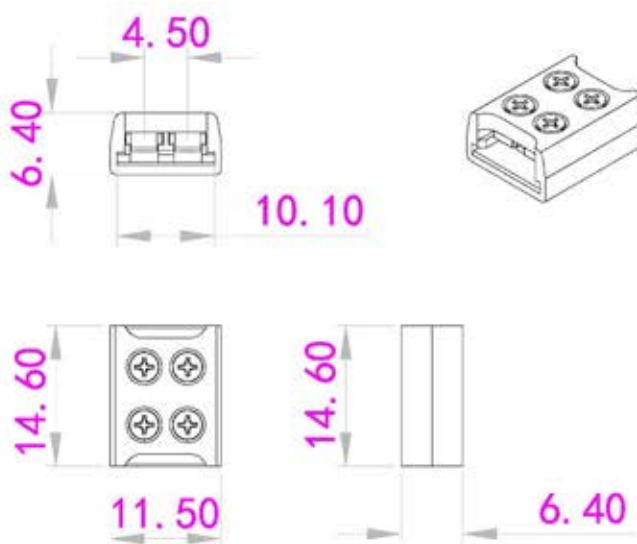
Note: When the light strip is connected to the light strip, pay attention to the corresponding positive and negative polarities of the light strip. (Positive pole corresponds to positive pole)

Size

Model: LO-SCREWCON-STW



Model: LO-SCREWCON-ST5



Remarks: Unmarked
tolerances are ± 0.1 Unit: mm