

SinLoon T5 T8 3-Pin 20.5mm Connector

SinLoon T5 T8 LED Tube Connector (3-Pin, 20.5mm) - Instruction Manual

Model: T5 T8 3-Pin 20.5mm Connector

INTRODUCTION

This manual provides instructions for the safe and effective use of the SinLoon T5 T8 LED Tube Connectors. These 3-pin, 20.5mm double-end adapters are designed to connect T5 and T8 LED fluorescent tubes, facilitating easy installation in various lighting applications.

SAFETY INFORMATION

- Always disconnect power before installation or maintenance to prevent electric shock.
- Ensure connectors are compatible with your LED tubes (T5/T8, 3-pin).
- Do not exceed the electrical ratings of the connected LED tubes.
- Keep out of reach of children.
- If you are unsure about any part of the installation, consult a qualified electrician.

PRODUCT OVERVIEW

The SinLoon T5 T8 LED Tube Connector is a compact, 3-pin adapter designed for seamless connection of compatible LED fluorescent tubes. Each package contains 20 double-end connectors.



Figure 1: SinLoon T5 T8 LED Tube Connectors. These white plastic connectors feature three brass pins for electrical connection.

SPECIFICATIONS

Feature	Detail
Brand	SinLoon
Model	T5 T8 3-Pin 20.5mm Connector
Material	ABS Plastic, Pure Copper Core
Color	White
Pin Configuration	3-Pin
Connector Length	20.5 mm
Quantity per Pack	20 units
Compatibility	T5 and T8 LED Fluorescent Tubes

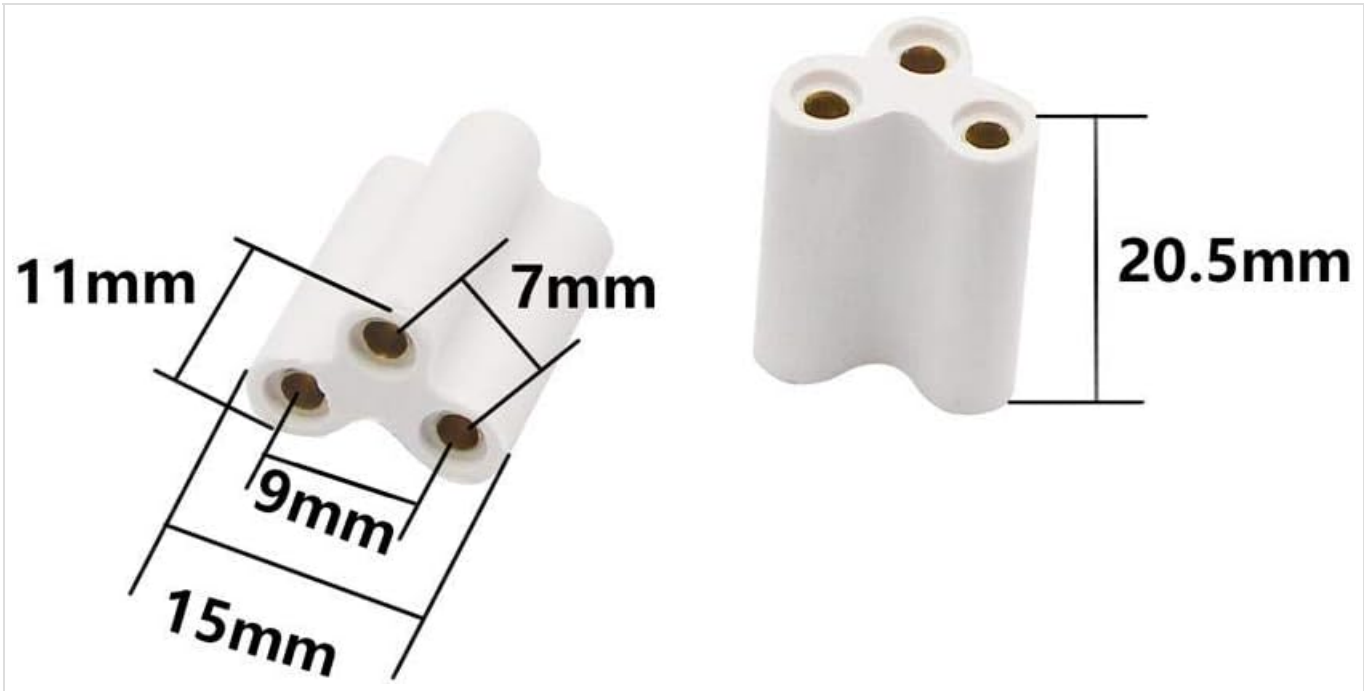


Figure 2: Connector dimensions. The image illustrates the key measurements of the 3-pin connector, including its 20.5mm length.

SETUP AND INSTALLATION

These connectors are designed for straightforward installation to link compatible T5 and T8 LED tubes.

1. **Ensure Power is Off:** Before beginning, always turn off the main power supply to the lighting circuit to prevent electrical hazards.
2. **Identify Tube Ends:** Locate the 3-pin receptacles on the ends of your T5 or T8 LED tubes.
3. **Insert Connector:** Align one end of the SinLoon 3-pin connector with the receptacle on the first LED tube. Gently push the connector firmly into place until it is securely seated.
4. **Connect Second Tube:** Take the second LED tube and align its receptacle with the other end of the connector. Push the second tube onto the connector until it is also securely seated.
5. **Verify Connection:** Ensure both tubes are firmly connected to the adapter and there are no loose connections.
6. **Restore Power:** Once all connections are secure, restore power to the lighting circuit.



Figure 3: Connector in use, linking two LED tubes.



Figure 4: Series connection of LED tubes with connectors and a detailed view of the connection point.

OPERATING INSTRUCTIONS

Once the SinLoon T5 T8 LED Tube Connectors are securely installed and power is restored, the connected LED tubes will operate as designed by their manufacturer. These connectors are passive components and do not require any specific operational steps beyond proper installation.

MAINTENANCE

- **Cleaning:** If necessary, gently wipe the connectors with a dry, soft cloth. Do not use liquid cleaners or abrasive materials.
- **Inspection:** Periodically inspect connections for any signs of looseness, damage, or discoloration. If any issues are found, disconnect power and replace the affected connector.
- **Storage:** Store unused connectors in a dry, cool place away from direct sunlight and moisture.

TROUBLESHOOTING

Problem	Possible Cause	Solution
LED tube does not light up after connection.	• No power to the circuit. • Loose connection at the connector or tube ends. • Incompatible LED tube or faulty tube.	• Check the circuit breaker and wall switch. • Disconnect power, then re-seat the connector firmly into both tubes. • Verify tube compatibility and test the LED tube with a known working connector or power source.

Connector feels loose or tubes disconnect easily.	• Connector not fully inserted. • Connector or tube receptacle is worn or damaged.	• Disconnect power and push the connector more firmly into place. • Replace the connector or the LED tube if damage is visible.
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WARRANTY AND SUPPORT

For warranty information or technical support regarding your SinLoon T5 T8 LED Tube Connectors, please refer to the product packaging or contact your retailer.

Manufacturer: SinLoon

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question