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> Fancasee 3.5mm x 1.35mm DC Power Jack Socket Instruction Manual

Fancasee US-CONN-29

DC Power Jack Socket Instruction Manual

Brand: Fancasee | Model: US-CONN-29

PRODUCT OVERVIEW

The Fancasee 3.5mm x 1.35mm female DC power jack sockets are designed for panel mounting and are suitable for a wide range of small electronic devices, including small televisions. These solder-type connectors provide a reliable power input solution.



This image displays the four DC power jack sockets included in the package, showcasing their barrel mounting design.

Key Features

- Perfect for small televisions and various small electronic devices.
- Solder type 3.5mm x 1.35mm female DC power jack socket for panel mounting.
- Features a clear wiring diagram: PIN 1 (shorter pin) for inner connection, PIN 2 (longer pin) for outer connection.
- Designed for mount hole diameters ranging from 10.8mm to 12.3mm.

PACKAGE CONTENTS

Each package contains the following components:

- 4 x 3.5mm x 1.35mm Female DC Power Jack Sockets (Solder Type)
- 4 x Washers
- 4 x Hexagonal Fixing Nuts



The package contents are shown here, including the four DC power jack sockets, along with the necessary washers and hexagonal fixing nuts for secure panel mounting.

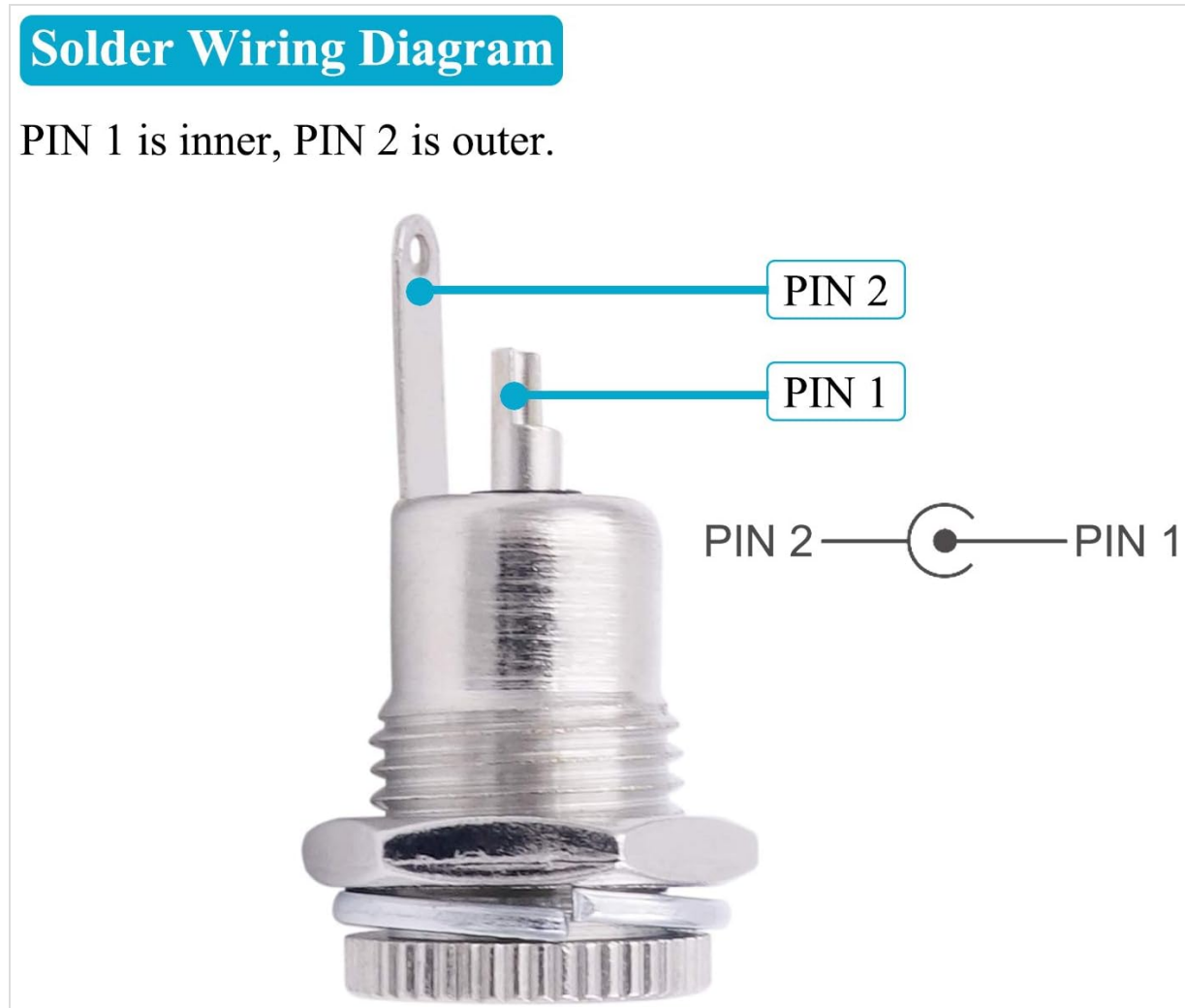
INSTALLATION GUIDE

Mounting

To mount the DC power jack socket, ensure the panel has a circular hole with a diameter between 10.8mm and 12.3mm. Insert the threaded barrel of the socket through the hole, then secure it with the provided washer and hexagonal fixing nut on the opposite side of the panel. Tighten the nut firmly but do not overtighten.

Wiring Diagram

Proper soldering is crucial for reliable operation. Refer to the diagram below for the correct pin assignments:



This diagram illustrates the correct soldering points: Pin 1 (shorter pin) for the inner connection and Pin 2 (longer pin) for the outer connection of the DC power jack socket.

PIN 1: This is the shorter pin and connects to the *inner* conductor of the DC barrel plug. This typically carries the positive voltage.

PIN 2: This is the longer pin and connects to the *outer* conductor (sleeve) of the DC barrel plug. This typically carries the ground connection.

Ensure all solder joints are clean and secure to prevent intermittent connections or short circuits.

SPECIFICATIONS

Model Number	US-CONN-29
Connector Type	3.5mm x 1.35mm Female DC Power Jack Socket

Mounting Type	Panel Mount, Solder Type
Mount Hole Diameter Range	10.8mm - 12.3mm
Product Dimensions	0.79 x 0.39 x 0.39 inches (approximate)
Item Weight (per unit)	0.176 ounces (approximate)
Manufacturer	Fancasee



This image provides a perspective of the DC power jack sockets from both the top (showing the barrel opening) and the bottom (showing the solder pins), aiding in identification and installation.

TROUBLESHOOTING

- **No Power/Intermittent Connection:**

- Verify that the soldering connections for PIN 1 and PIN 2 are secure and free from cold solder joints or bridges.
- Ensure the DC plug being inserted is the correct size (3.5mm x 1.35mm) and fully seated into the socket.
- Check for any physical damage to the socket or the connected wires.

- **Plug Does Not Fit or Is Loose:**

- Confirm the DC plug's dimensions match the socket's specifications (3.5mm outer diameter, 1.35mm inner diameter).
- Inspect the socket's barrel for any obstructions or deformities.

- **Socket Not Securely Mounted:**

- Ensure the mounting hole diameter is within the specified range (10.8-12.3mm).
- Verify that the washer and hexagonal fixing nut are properly installed and tightened.

WARRANTY AND SUPPORT

Fancasee products are manufactured to high quality standards. For any questions regarding installation, operation, or potential issues not covered in this manual, please contact Fancasee customer support through their official channels. Please retain your purchase receipt for any warranty claims.

For further assistance, visit the [Fancasee Store on Amazon](#).