

# DC power connector to the panel (socket)

## 5.5×2.1 mm

Reference: AM1493  
EAN13: -  
HS code: 85369010



### Product attributes:

### Product features:

Connector: 5.5×2.1 mm  
Type: Females  
Operating temperature: -30°C - +70°C  
Insulation resistance:  $\geq 100 \text{ M}\Omega$

### Product description:

Panel DC socket (female) for supplying DC power to devices via a standard 5.5×2.1 mm connector. It is intended for panel mounting and is suitable for power inputs of devices, distribution boxes, measuring devices and built-in applications.

### Technical specifications

- Connector type: DC power socket (female), panel mount
- Connector size: 5.5 × 2.1 mm
- Model number: DC-220B
- Mounting: threaded, with nut for fixing in the panel
- Insulating body: plastic
- Front design: metal collar
- Working temperature: -30 to +70 °C
- Electrical insulation strength: AC 50 V (50 Hz), 1 min
- Insulation resistance:  $\geq 100 \text{ M}\Omega$
- Contact resistance:  $\leq 0.03 \Omega$
- Mechanical life: 5000 cycles

### Functions and features

- Standard size 5.5×2.1 mm for common DC power adapters
- Panel design for fixed and repeatable power connection
- 3-pin connection allows connection variants including a switched contact (according to the internal connector design)
- Design suitable for soldering wires or mounting into an assembly

### Ideal for

- Power inputs for electronic devices and modules
- Project boxes and embedded applications
- Service and test fixtures
- LED and low voltage DC distribution within the device

### Package contents

- 1× panel DC socket 5.5×2.1 mm + fixing nut

### Why choose this product?

- Dimensionally compatible with standard 5.5×2.1 mm DC plugs
- Threaded panel mount ensures stable mechanical mounting
- Suitable parameters for common low-voltage DC power supply in electronics

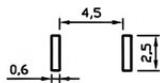
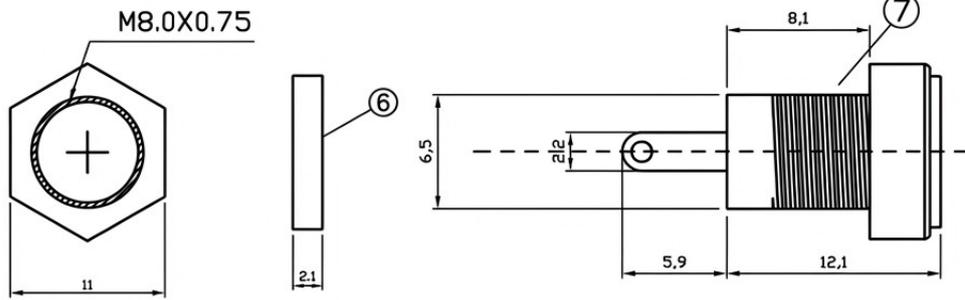
### Installation and operating instructions

- Before mounting, verify the dimensions of the panel opening and the available space for the connector body and pins.
- Before connecting, identify the contacts and any switching function of the terminal by measurement or according to the diagram of your application.
- Pay attention to the correct polarity of the power supply and mechanical relief of the connected wires.

### Safety notice

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- Designed for direct current (DC) power; do not connect to mains voltage
- Perform installation with the power disconnected and check for short circuits and polarity after connection.



PIN  $\varnothing 2.0$   $\varnothing 2.5$   
 PIN  $\varnothing 1.3$   $\varnothing 1.65$

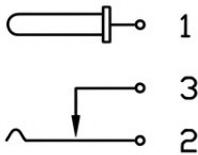


Schéma zapojení

