

DC power connector to the panel (socket)

3.5×1.35 mm

Reference: AM4891
EAN13: -
HS code: 85369010



Product attributes:

Product features:

Current: 0,5 A
Rated voltage: 30 V DC
Connector: 3.5x1.35 mm
Type: Females
Operating temperature: -30°C - +70°C
Insulation resistance: $\geq 100 \text{ M}\Omega$

Product description:

Panel DC power socket for supplying DC voltage to devices. The 3.5×1.35 mm variant is suitable for compact power adapters and applications with lower current consumption, where panel mounting and wire connection using solder terminals is required.

Technical specifications

- Connector type: DC power socket (female), panel mount
- Connector size: 3.5 × 1.35 mm
- Model number: DC-220B
- Rated voltage: 30 V DC
- Rated current: 0.5 A
- Mounting thread: M8.0 × 0.75
- Dielectric strength: AC 50 V (50 Hz), 1 minute
- Contact resistance: $\leq 0.03 \Omega$
- Insulation resistance: $\geq 100 \text{ M}\Omega$
- Lifespan: 5000 cycles
- Operating temperature: -30°C to +70°C

Functions and features

- Panel mounting with thread and nut for mechanically stable mounting
- Solder terminals for connecting wires or cabling inside the device
- Compact design suitable for smaller devices and power inputs

Ideal for

- Power inputs for small electronic devices
- DIY electronics, prototypes and service repairs
- Panel grommets for DC power supply in low voltage switchboards and cabinets

Package contents

- 1× panel DC socket 3.5 × 1.35 mm + fixing nut

Why choose this product?

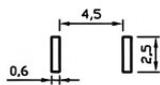
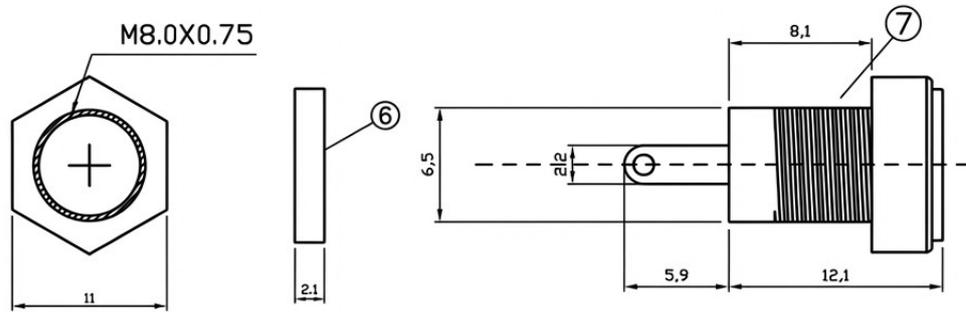
- Standardized size 3.5 × 1.35 mm for compatibility with corresponding DC plugs
- Panel mount with M8.0 × 0.75 thread for fixed mounting

Installation and operating instructions

- Before installation, verify the size of the mating piece (DC plug) 3.5 × 1.35 mm and mechanical compatibility with the panel.
- When soldering the terminals, choose the procedure and temperature so as not to damage the connector insulator.
- After installation, check the tightening of the nut and the strain relief of the wiring.

Safety notice

- The product is designed for DC power supply within the limits of the rated voltage and current; exceeding the parameters may lead to overheating or failure.
- Perform the installation with the power supply disconnected and after connection, verify the polarity and correct function of the entire assembly.



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

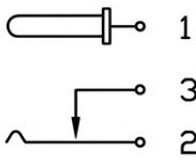


Schéma zapojení

