

DC power connector to the panel (socket) 5.5×2.5 mm

Reference: AM9811
EAN13: -
HS code: 85369010



Product attributes:

Product features:

Current: 0,5 A
Rated voltage: 30 V DC
Connector: 5.5×2.1 mm
Type: Females
Operating temperature: -30°C - +70°C
Insulation resistance: $\geq 100 \text{ M}\Omega$

Product description:

The panel DC power socket for through-panel mounting is designed for power connection using common DC adapters. The 5.5×2.5 mm variant is suitable for devices requiring a mechanically strong and repeatable connection of the power wire via a threaded connector.

Technical specifications

- Connector type: DC jack socket (panel, through-hole mounting)
- Connector size: 5.5 × 2.5 mm
- Model number: DC-220B
- Rated voltage: 30V
- Rated current: 0.5 A
- Insulation resistance: $\geq 100 \text{ M}\Omega$
- Contact resistance: $\leq 0.03 \Omega$
- Lifespan: 5000 cycles
- Dielectric strength: AC 50 V (50 Hz), 1 min
- Operating temperature: -30°C to +70°C
- Mounting thread: M8
- Connection: solder pins

Functions and features

- Panel mounting with thread and nut for stable mechanical installation
- Design suitable for through-hole mounting in front panels and equipment cabinets
- Solder contacts for direct wire connection or insertion into wiring
- Designed for repeated connection and disconnection of the power connector

Ideal for

- Power inputs for electronic devices with DC adapter
- Industrial and laboratory instruments, control units and test fixtures
- DIY projects and custom electronics with panel mount connector

Package contents

- 1× panel DC socket 5.5×2.5 mm + fixing nut

Why choose this product?

- Mechanically fixed to the panel via M8 thread
- Standardized size 5.5×2.5 mm for compatibility with corresponding DC plugs

Installation and operating instructions

- Before installation, verify the dimensions of the hole in the panel and compatibility with the material thickness.
 - When soldering, use appropriate temperature and heating time to avoid damaging the connector insulators.
 - Before commissioning, check the polarity of the connection according to the power supply and device used.
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Safety notice

- The product is intended for low voltage DC applications; do not exceed the rated voltage and current.
- Perform installation with the power disconnected and avoid short circuits on the soldering terminals.

