

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

Product codes:

Reference: AM9811

EAN13: -

UPC: 85369010



Product features:

Current: 0,5 A

Rated voltage: 30 V DC

Connector: 5.5x2.1 mm

Type: Females

Operating temperature: -30°C - +70°C

Insulation resistance: $\geq 100 \text{ M}\Omega$

Product attributes:

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: $\leq 0.03 \text{ }\Omega$
 - Lifespan: 5000 cycles
 - Dielectric strength: AC 50 V (50 Hz), 1 min
 - Operating temperature: -30°C to +70°C
 - Mounting thread: M8
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- 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.

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.

Product gallery:

