

DC power connector 5.5×2.1 mm for cable (solder)

Product codes:

Reference: AM1237

EAN13: -

UPC: 85044090



Product features:

Color: Black

Rated voltage: 36 V

Connector: 5.5x2.1 mm

Waterproof grade: IP20

Product attributes:

Type: Male, Females

Product description:

DC power connector (barrel) for terminating power wires in low voltage applications. The connector is designed for direct mounting on the cable, the termination is done by soldering and the cover provides basic mechanical protection and strain relief. The product is available in two versions: male (DC plug) and female (DC jack).

Technical specifications

- Connector type: DC barrel (power connector)
 - Size: 5.5 × 2.1 mm (outer diameter 5.5 mm, inner diameter 2.1 mm)
 - Variants: male / female
 - Mounting: on cable
 - Color: black
 - Wire connection method: soldering
 - Rated voltage: max. 36 V DC
 - Rated current: 5 A
 - Contact wire material: metal
 - Insulation material: plastic
 - Approximate dimensions: male length approx. 44 mm; female length
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approx. 40 mm

Functions and features

- Standard DC size 5.5×2.1 mm for common power adapters and devices
- Solder design for fixed electrical connection
- Connector cover with strain relief for cable
- Suitable for repair and production of power cables

Ideal for

- LED lighting and LED strips (low voltage systems)
- Powering small electronics and DIY projects
- Service replacement of damaged DC connectors on the cable
- Interconnecting power cables for laboratory and test purposes

Package contents

- 1× DC connector 5.5×2.1 mm in the selected variant (male or female)

Why choose this product?

- Clearly defined 5.5×2.1 mm dimension for compatibility with common DC power systems
- Solder wire connections suitable for reliable cable termination
- Availability of male and female variants for power jumper assembly

Installation and operating instructions

- Before assembly, verify the size of the mating piece (5.5×2.1 mm) and the required polarity of the device.
- Solder the wires to the connector contacts, then check the mechanical securing of the cable in the strain relief.
- After connection, we recommend checking the polarity and voltage with a multimeter before connecting the load.
- Do not exceed the rated current and ensure adequate conductor cross-section.

Safety notice

- The product is intended for low voltage DC applications within the specified range; do not use for mains voltage.
 - When soldering, follow safety precautions and avoid short circuits between contacts.
 - Incorrect polarity may cause damage to the powered device.
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Product gallery:

