

FEATURES

- **Maximum panel thickness: 3.1 mm**
- **Contact resistance: 30 mΩ Max**
- **Insulation resistance: 100 MΩ at 500 V dc**
- **Dielectric withstand: 500 V ac**
- **Contact material: silver plated copper alloy**
- **Life: 10000 Insertions/Withdrawals Minimum**

RS PRO DC Socket Rated At 5.0A, 12.0 V, Panel Mount, length 21.3mm, Nickel

RS Stock No.: 487-842



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

Brought to you under the trust of the RS Pro brand, this panel mount socket is designed to couple with push-fit DC power plugs. It is ideal for powering small appliances such as portable radios. The socket has a sleeve/shunt function that permits automatic switchover from AC to DC when the plug is inserted or withdrawn. The split centre pins are shaped to hold the mating plug firmly. There are many types of DC Connectors, along with this one they are usually referred to as a Barrel Connector or a Tip Connector.

General Specifications

DC Power Connector Type	DC Socket
Body Orientation	Straight
Contact Material	Copper
Contact Plating	Nickel
Application	Portable computers, electronic instruments and sound systems

Electrical Specifications

Current Rating	5A
Voltage Rating	12.0V dc
Contact Resistance	30mohm maximum
Insulation Resistance	100Mohm at 500VDC

Mechanical Specifications

Length	21.30mm
Pin Diameter	2.5mm
Mounting Type	Panel Mount

Approvals

Compliance/Certifications	2011/65/EU and 2015/863
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