

## FEATURES

- Contact resistance of 30mΩ Max
- Dielectric withstand of 500 V ac
- Contact Rating is 5 A, 12 V ac Resistive
- The contact material is a silver plated copper alloy
- A long shelf life of 10000 insertions and withdrawals
- Connector bodies are moulded in ABS plastic

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

RS Stock No.: 487-832



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 The socket has a sleeve/shunt function that permits automatic switchover from AC to DC when the plug is inserted or withdrawn.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

<b>DC Power Connector Type</b>	DC Socket
<b>Body Orientation</b>	Straight
<b>Contact Material</b>	Copper
<b>Contact Plating</b>	Nickel
<b>Application</b>	portable computers, electronic instruments and sound systems

### Electrical Specifications

<b>Current Rating</b>	5.0A
<b>Voltage Rating</b>	12.0V
<b>Contact Resistance</b>	30Mohm Max
<b>Insulation Resistance</b>	100Mohm @500dc
<b>Dielectric Withstand</b>	500V a.c

### Mechanical Specifications

<b>Length</b>	21.3mm
<b>Pin Diameter</b>	2.1mm
<b>Mounting Type</b>	Panel Mount

## Approvals

### Compliance/Certifications

2011/65/EU and 2015/863

