



Datasheet

ENGLISH

Stock No: 487-832

RS Pro 2.1mm Straight Panel Mount DC Power Socket 5A, 12 V dc, Nickel Plate



Product Details

Panel Mount & PCB Mount Sockets

Panel mount and PCB mount sockets in 2.1 and 2.5mm centre pin sizes. Panel mount type can be mounted into a maximum panel thickness of 3.1mm, however, if they are to be mated with screw-locking plugs, panel thickness should be less than this so the screw is left protruding for the plug to fix to. The sockets have a sleeve/shunt function that permits automatic switchover from a.c. to d.c. when the plug is inserted or withdrawn. The split centre pins are shaped to hold the mating plug firmly. Rated for 5A, conductor termination is via solder tags.

Warning

Not to be used as mains connectors



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Panel Mount Socket	
Contact Resistance	30mΩ Max
Insulation Resistance	100MΩ @ 500Vdc
Dielectric Withstand	500V a.c.
Contact Rating	5 A, 12 V a.c. Resistive
Contact Material	Silver Plated Copper Alloy
Life	10000 Insertions/Withdrawals Min
PCB Mount Sockets	
Contact Resistance	30mΩ Max
Insulation Resistance	30MΩ @ 100 V d.c.
Dielectric Withstand	250 V a.c. r.m.s.
Contact Rating	5 A
Contact Material	Silver Plated Brass
Life	5000 Insertions/Withdrawals Min

Plugs & Sockets

Miniature plugs suitable for powering portable radios, calculators plus test and measurement instruments from a fixed, low-voltage d.c. source. Chassis mounting sockets for the 2.1mm plugs and adaptor leads terminated with 2.1mm and 2.5mm plugs and sockets are also available. Contacts are nickel/silver plated brass. Connector bodies are moulded in ABS plastic

Specifications:

Pin Diameter	2.1mm
Mounting Type	Panel Mount
Voltage Rating	12 V dc
Current Rating	5A
Body Orientation	Straight
Length	21.3mm
Contact Plating	Nickel
Contact Material	Copper