

Datasheet

RS Pro 2.5mm Straight Panel Mount DC Power Socket 5A, 12 V dc, Nickel Plate

RS Stock No: **487-842**



Product Details

RS Pro 2.5 mm panel mount DC power socket is designed to couple with push fit DC power plugs. It is suitable for powering small appliances such as portable radios and some other electrical appliances. The sockets have a sleeve/shunt function that permits automatic switchover from AC to DC, when the plug is inserted or withdrawn.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. This power socket has nickel plated copper contact that is current rated for 5 A and voltage rated for 12 V dc.

Features and Benefits

- Maximum panel thickness: 3.1 mm
- Contact resistance: 30 M Ω Max
- Insulation resistance: 100 M Ω at 500 V dc
- Dielectric withstand: 500 V ac
- Contact rating: 5 A, 12 V ac resistive
- Contact material: silver plated copper alloy
- Life: 10000 Insertions/Withdrawals Minimum

**Specifications:**

Body Orientation	Straight
Contact Material	Copper
Contact Plating	Nickel
Current Rating	5 A
Length	21.3 mm
Mounting Type	Panel Mount
Pin Diameter	2.5 mm
Voltage Rating	12 V dc
Contact Resistance	30 mΩ
Insulation Resistance	100 MΩ