

## FEATURES

- Robust design
- Durable tin plated steel shell
- Dimples on the shell (plugs only) for improved electrical conductivity and grounding
- Good EMI/RFI protection
- Gold plated stamped and formed contacts
- Flanges with for mounting holes for screw mounting to a panel
- Tinned solder cup terminations for simple wire connection

## RS PRO 50 Way Panel Mount D-sub Connector Socket, 2.77mm Pitch

RS Stock No.: 544-3913



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

From RS PRO a durable D-Subminiature connector with a robust steel shell, stamped and formed contacts and solder cup terminations for the easy connection of wires. These D-sub connectors are ideal for use for making I/O (input/output) interconnections in a wide range of industrial and commercial applications

### General Specifications

|                           |   |
|---------------------------|---|
| <b>Number Of Contacts</b> | 50  |
| <b>Gender</b>             | Female  |
| <b>Body Orientation</b>   | Straight  |
| <b>Mounting Type</b>      | Panel Mount   |
| <b>D Connector</b>        | Standard D-Sub  |
| <b>D-Sub Shell Size</b>   | B   |
| <b>Termination Method</b> | Solder  |
| <b>Housing Material</b>   | Steel   |
| <b>Dimensions</b>         | 66.93mm x 10.85mm x 15.37mm   |
| <b>Contact Material</b>   | Phosphor Bronze   |
| <b>Contact Plating</b>    | Gold  |
| <b>Application</b>        | Computers, monitors and scanners, Networking and communications equipment; Data processing equipment, Industrial equipment, Test and measurement instrumentation, Remote Sensors and data loggers, Portable electric generation equipment |
| <b>Durability</b>         | 150 Mating Cycles   |

### Electrical Specifications

|                           |             |
|---------------------------|-------------|
| <b>Current Rating</b>     | 5.0A        |
| <b>Voltage Rating</b>     | 500V        |
| <b>Contact Resistance</b> | 10m ohm MAX |

**Mechanical Specifications**

|               |         |
|---------------|---------|
| <b>Pitch</b>  | 2.77mm  |
| <b>Length</b> | 66.93mm |
| <b>Width</b>  | 10.85mm |
| <b>Depth</b>  | 15.37mm |

**Operation Environment Specifications**

|                                      |        |
|--------------------------------------|--------|
| <b>Maximum Operating Temperature</b> | +105°C |
| <b>Minimum Operating Temperature</b> | -55°C  |

**Approvals**

|                                  |             |
|----------------------------------|-------------|
| <b>Compliance/Certifications</b> | MIL-C-24308 |
|----------------------------------|-------------|



