

FEATURES

- **Board-to-Board and Board-to-Wire System:** Offers versatile connectivity options for different applications.
- **Male Contact Gender:** Ensures compatibility with corresponding female connectors.
- **Phosphor Bronze Contacts:** Provides excellent conductivity and durability.
- **Nickel Contact Plating:** Enhances corrosion resistance and longevity.
- **8 A Current Rating:** Supports high-current applications effectively.
- **PA66 Housing Material:** Offers high mechanical strength and thermal stability.
- **Wide Operating Temperature Range:** Functions reliably from -40 °C to 105 °C.
- **Through Hole Mount Type:** Ensures secure attachment to PCBs.
- **Right Angle Orientation:** Saves space and allows for compact design.
- **Shrouded Design:** Protects contacts from damage and ensures proper alignment.

RS PRO 4-Pin Shrouded PCB Header, Right Angle

RS Stock No: 631-118



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

This RS PRO PCB Header is designed for reliable electrical connections in board-to-board and board-to-wire applications. With a robust construction, it ensures secure connectivity and efficient performance in various industrial settings.

General Specifications

Connector System	Board-to-Board, Board-to-Wire
Contact Gender	Male
Contact Material	Phosphor Bronze
Contact Plating	Nickel
Mount Type	Through Hole
Number of Contacts	4
Number of Rows	1
Orientation	Right Angle
Product Type	PCB Header
Shrouded/Unshrouded	Shrouded
Tail Pin Length	6.6 mm

Electrical Specifications

Current	8 A
Voltage	300 V

Mechanical Specifications

Housing Material	PA66
Pitch	3.5 mm
Termination Type	Push-In

Operation Environment Specifications

Maximum Operating Temperature	105 °C
Minimum Operating Temperature	-40 °C

Approvals

Standards/Approvals	ANSI-ESD S20.20:2021, CE, REACH, RoHS
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