

FEATURES

- **Board-to-Board and Board-to-Wire Compatibility:**
Offers versatile connection options for different configurations
- **Male Contact Gender:**
Ensures secure and stable connections
- **Phosphor Bronze Contacts:**
Provides excellent conductivity and durability
- **Nickel and Zinc Plating:**
Enhances corrosion resistance and longevity
- **Through Hole Mount Type:**
Facilitates easy and secure installation
- **Shrouded Design:** Protects contacts and ensures proper alignment
- **Wide Operating Temperature Range:**
Suitable for environments from -40 °C to 105 °C
- **Screw Termination Type:**
Allows for secure and reliable wire connections

RS PRO 4-Pin Shrouded PCB Header, Male, 5.08 mm Pitch

RS Stock No: 631-120



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 robust and reliable electrical connections in various industrial applications. With a shrouded design, it ensures secure mating and protection against environmental factors. Ideal for board-to-board and board-to-wire connections, it supports a current rating of 12 A and a voltage of 300 V, making it suitable for demanding electrical environments.

General Specifications

Connector System	Board-to-Board, Board-to-Wire
Contact Gender	Male
Contact Material	Phosphor Bronze
Contact Plating	Nickel, Zinc
Mount Type	Through Hole
Number of Contacts	4
Number of Rows	1
Orientation	Straight
Product Type	PCB Header
Shrouded/Unshrouded	Shrouded

Electrical Specifications

Current	12 A
Voltage	300 V

Mechanical Specifications

Housing Material	PA66
Pitch	5.08 mm
Termination Type	Screw

Operation Environment Specifications

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

Approvals

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