

FEATURES

- **Board-to-Board and Board-to-Wire Connectivity:** Offers flexibility in design and application.
- **Male Contact Gender:** Ensures compatibility with a wide range of connectors.
- **Beryllium Copper Contacts:** Provides excellent conductivity and durability.
- **Nickel Contact Plating:** Enhances corrosion resistance for long-lasting performance.
- **10 A Current Rating:** Suitable for high-power applications.
- **PBT Housing Material:** Offers high mechanical strength and thermal stability.
- **Wide Operating Temperature Range (-40 °C to 105 °C):** Suitable for harsh environments.
- **Through Hole Mount Type:** Ensures secure and stable mounting on PCBs.
- **Shrouded Design:** Provides protection against accidental contact and damage.
- **Screw Termination:** Allows for secure and easy connection.

RS PRO 5 mm Pitch PCB Header, 10 A Current Rating

RS Stock No: 631-131



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 various industrial applications. With a robust construction and versatile connectivity options, it is ideal for board-to-board and board-to-wire connections, ensuring efficient power and signal transmission.

General Specifications

Connector System	Board-to-Board, Board-to-Wire
Contact Gender	Male
Contact Material	Beryllium Copper
Contact Plating	Nickel
Mount Type	Through Hole
Number of Contacts	5
Number of Rows	1
Orientation	Straight
Product Type	PCB Header
Shrouded/Unshrouded	Shrouded

Electrical Specifications

Current	10 A
Voltage	300 V

Mechanical Specifications

Housing Material	PBT
Pitch	5 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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