

FEATURES

- **Board-to-Board and Board-to-Wire Compatibility:** Offers versatile connection options for different configurations
- **Male Contact Gender:** Ensures a secure and stable connection
- **Beryllium Copper Contacts:** Provides excellent conductivity and durability
- **Nickel Plating:** Enhances corrosion resistance and longevity
- **10 A Current Rating:** Suitable for high-current applications
- **PBT Housing Material:** Offers high resistance to heat and chemicals
- **Wide Operating Temperature Range (-40 °C to 105 °C):** Ensures reliable performance in extreme conditions
- **Through Hole Mount Type:** Facilitates easy installation and secure mounting
- **Shrouded Design:** Provides additional protection and alignment during mating

RS PRO 10A PCB Header, Shrouded 5 mm Pitch

RS Stock No: 631-129



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	Beryllium Copper
Contact Plating	Nickel
Mount Type	Through Hole
Number of Contacts	2
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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