

## FEATURES

- **Board-to-Board and Board-to-Wire Connectivity:** Offers versatile connection options for different configurations.
- **Male Contact Gender:** Ensures compatibility with a wide range of female connectors.
- **Brass Contacts with Tin Plating:** Provides excellent conductivity and corrosion resistance.
- **16 A Current Rating:** Suitable for high-power applications.
- **PBT Housing Material:** Offers durability and resistance to high temperatures and chemicals.
- **Operating Temperature Range -40 °C to 105 °C:** Ensures reliable performance in extreme conditions.
- **Through Hole Mount Type:** Provides secure and stable mounting on PCBs.
- **Shrouded Design:** Protects contacts from damage and ensures proper alignment.

## RS PRO 5 mm Pitch PCB Header, 16 A Current

RS Stock No: 631-133



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 shrouded design, it ensures secure connections between boards or wires, making it ideal for high-current and high-voltage environments.

### General Specifications

Connector System	Board-to-Board, Board-to-Wire
Contact Gender	Male
Contact Material	Brass
Contact Plating	Tin
Mount Type	Through Hole
Number of Contacts	5
Number of Rows	1
Orientation	Straight
Product Type	PCB Header
Shrouded/Unshrouded	Shrouded
Tail Pin Length	4.2 mm

### Electrical Specifications

Current	16 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, VDE
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