

## FEATURES

- **5 mm Pitch:** Provides optimal spacing for efficient circuit design and integration.
- **5 Contacts:** Suitable for multiple connection points, enhancing versatility in applications.
- **Male Contact Gender:** Ensures compatibility with female connectors for seamless integration.
- **Brass Contact Material:** Offers excellent conductivity and durability.
- **Tin Contact Plating:** Provides corrosion resistance, extending the lifespan of the connector.
- **Through Hole Mount Type:** Facilitates easy installation and secure attachment to PCBs.
- **45° Orientation:** Allows for flexible design configurations and space-saving installations.
- **Shrouded Design:** Protects contacts from damage and ensures proper alignment during mating.
- **Screw Termination Type:** Ensures a secure and reliable connection, reducing the risk of disconnection.

## RS PRO 5 mm Pitch PCB Header, Male, Through Hole

RS Stock No: 631-126



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 electronic applications. With a robust construction and a shrouded design, it ensures secure and stable connections, making it ideal for both board-to-board and board-to-wire systems.

### 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	45°
Product Type	PCB Header
Shrouded/Unshrouded	Shrouded
Tail Pin Length	3.8 mm

### Electrical Specifications

Current	10 A
Voltage	250 V VDE, 300 V UL

### Mechanical Specifications

Housing Material	PA66
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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