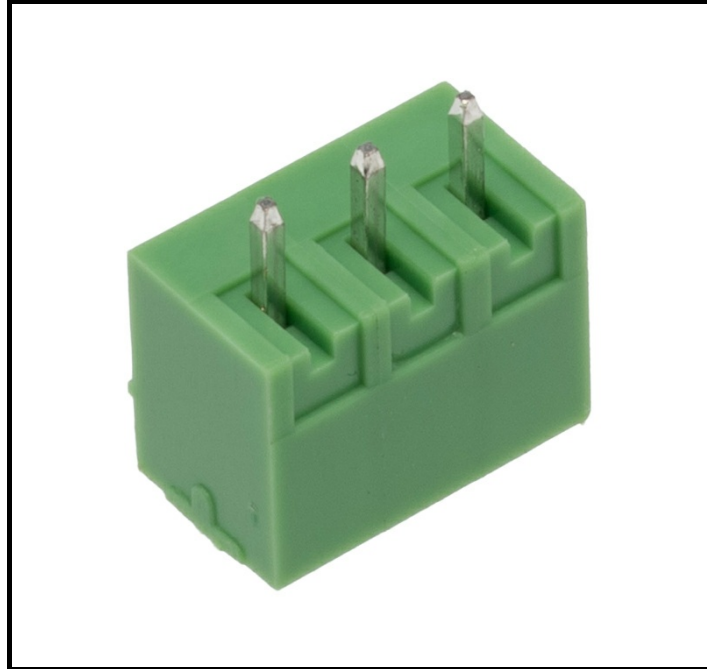


## FEATURES

- **Board-to-Board Connector System:** Provides a stable and efficient connection between PCBs
- **Male Contact Gender:** Ensures compatibility with corresponding female connectors
- **Brass Contact Material:** Offers excellent conductivity and durability
- **Tin Contact Plating:** Enhances corrosion resistance and ensures long-term reliability
- **8 A Current Rating:** Supports high current applications
- **PA66 Housing Material:** Provides high mechanical strength and thermal stability
- **Wide Operating Temperature Range:** Suitable for environments from -40 °C to 105 °C
- **Through Hole Mount Type:** Ensures secure and stable mounting on PCBs
- **Shrouded Design:** Protects contacts and ensures precise alignment

## RS PRO 3.81 mm Pitch PCB Header, 3 Contacts

RS Stock No: 631-106



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 board-to-board connections, offering a robust solution for various electronic applications. With a shrouded design, it ensures secure and precise connections, making it ideal for environments where stability and durability are crucial.

### General Specifications

Connector System	Board-to-Board
Contact Gender	Male
Contact Material	Brass
Contact Plating	Tin
Mount Type	Through Hole
Number of Contacts	3
Number of Rows	1
Orientation	Straight
Product Type	PCB Header
Shrouded/Unshrouded	Shrouded
Tail Pin Length	3.5 mm

### Electrical Specifications

Current	8 A
Voltage	300 V

### Mechanical Specifications

Housing Material	PA66
Pitch	3.81 mm
Termination Type	Solder

### 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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