

## FEATURES

- **Board-to-Board and Board-to-Wire System:** Offers versatile connectivity options for various applications
- **Male Contact Gender:** Ensures compatibility with corresponding female connectors
- **Phosphor Bronze Contacts:** Provides excellent conductivity and durability
- **Tin Contact Plating:** Enhances corrosion resistance and ensures long-term reliability
- **7 A Current Rating:** Supports high current applications
- **PA66 Housing Material:** Offers robust mechanical strength and thermal stability
- **Wide Operating Temperature Range (-40 °C to 105 °C):** Suitable for use in extreme environmental conditions
- **Through Hole Mount Type:** Facilitates secure and stable mounting on PCBs
- **Screwless Termination:** Allows for quick and easy installation without the need for additional tools

## RS PRO PCB Header, 3.5 mm Pitch, 3 Contacts, Shrouded

RS Stock No: 631-135



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 3.5 mm pitch and 3 contacts, it is ideal for board-to-board and board-to-wire connections, ensuring efficient power distribution and signal integrity. The shrouded design provides additional protection, making it suitable for demanding environments.

### General Specifications

Connector System	Board-to-Board, Board-to-Wire
Contact Gender	Male
Contact Material	Phosphor Bronze
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	7 A
Voltage	300 V

### Mechanical Specifications

Housing Material	PA66
Pitch	3.5 mm
Termination Type	Screwless

### Operation Environment Specifications

Maximum Operating Temperature	105 °C
Minimum Operating Temperature	-40 °C

## Approvals

Standards/Approvals

ANSI-ESD S20.20:2021, CE, REACH, RoHS

