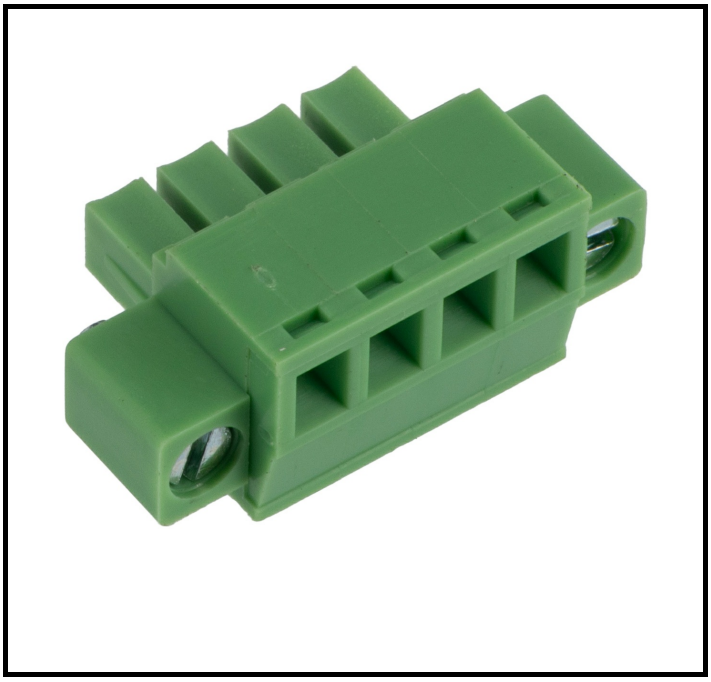
RS PRO 4-Pin Shrouded PCB Header, 8 A, 3.81 mm Pitch

RS Stock No: 631-108



FEATURES

- **Board-to-Board and Board-to-Wire Compatibility:** Versatile use in different connection systems
- **Male Contact Gender:** Ensures a secure and stable connection
- **Phosphor Bronze Contacts:** Offers excellent conductivity and durability
- **Nickel Plating:** Provides corrosion resistance for long-lasting performance
- **Current Rating of 8 A:** Suitable for high-power applications
- **PA66 Housing Material:** High resistance to heat and chemicals
- **Operating Temperature Range -40 °C to 105 °C:** Suitable for extreme environments
- **Through Hole Mount Type:** Ensures robust mechanical stability
- **Shrouded Design:** Protects contacts and enhances connection reliability

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 construction and a shrouded design, it ensures secure and efficient connectivity. Ideal for board-to-board and board-to-wire systems, it supports a current rating of up to 8 A, 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	Nickel
Mount Type	Through Hole
Number of Contacts	4
Number of Rows	1
Orientation	Straight
Product Type	PCB Header
Shrouded/Unshrouded	Shrouded

Electrical Specifications

Current	8 A
Voltage	300 V

Mechanical Specifications

Housing Material	PA66
Pitch	3.81 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