RS PRO 4-Pin Shrouded PCB Header, 5mm Pitch

RS Stock No: 631-127

FEATURES

- **Board-to-Board and Board-to-Wire System:** Offers flexibility in connection types, enhancing application versatility
- **Male Contact Gender:** Ensures compatibility with a wide range of connectors
- **Brass Contact Material with Tin Plating:** Provides excellent conductivity and corrosion resistance
- **10 A Current Rating:** Supports high power applications
- **PA66 Housing Material:** Offers durability and resistance to environmental factors
- **Operating Temperature Range -40 °C to 105 °C:** Suitable for use in extreme temperature conditions
- **Through Hole Mount Type:** Ensures secure and stable mounting on PCBs
- **Shrouded Design:** Provides protection against accidental contact and damage
- **Screw Termination Type:** Allows for secure and reliable connections
- **Compliance with ANSI-ESD S20.20:2021, CE, REACH, RoHS, UL, VDE:** Meets international safety and quality standards

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 build and versatile connection system, it ensures efficient power and signal transmission. Ideal for use in environments requiring secure and stable connections.

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	4
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