

FEATURES

- **Board-to-Board Connector System:** Facilitates seamless integration between PCBs, enhancing design flexibility.
- **Male Contact Gender:** Provides a straightforward connection interface, simplifying installation.
- **Brass Contact Material:** Offers excellent conductivity and durability for long-term performance.
- **Tin Contact Plating:** Ensures corrosion resistance, maintaining reliable electrical connections.
- **8 A Current Rating:** Supports moderate power applications, suitable for various electronic devices.
- **PA66 Housing Material:** Provides high mechanical strength and thermal stability.
- **Wide Operating Temperature Range:** Functions effectively from -40 °C to 105 °C, suitable for diverse environments.
- **Through Hole Mount Type:** Ensures secure attachment to PCBs, enhancing mechanical stability.
- **Shrouded Design:** Protects contacts from damage and misalignment, ensuring reliable connections.

RS PRO 6-Contact Shrouded PCB Header, 3.5 mm Pitch

RS Stock No: 631-107



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 in electronic assemblies. With a robust construction and a shrouded design, it ensures secure and efficient connectivity, making it ideal for various industrial applications.

General Specifications

Connector System	Board-to-Board
Contact Gender	Male
Contact Material	Brass
Contact Plating	Tin
Mount Type	Through Hole
Number of Contacts	6
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	3.5 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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