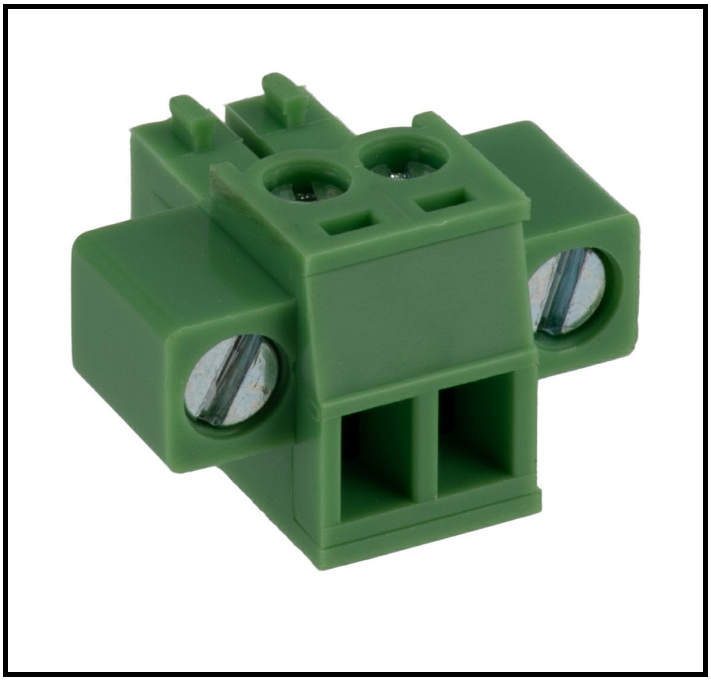
RS PRO 2-Contact Shrouded PCB Header, 3.5 mm Pitch

RS Stock No: 631-117



FEATURES

- **Board-to-Board and Board-to-Wire Connectivity:** Offers versatile connection options for various applications.
- **Male Contact Gender:** Ensures compatibility with female connectors for secure connections.
- **Phosphor Bronze Contacts:** Provides excellent conductivity and durability.
- **Nickel Contact Plating:** Enhances corrosion resistance and longevity.
- **8 A Current Rating:** Supports high current applications.
- **PA66 Housing Material:** Offers high strength and thermal resistance.
- **Wide Operating Temperature Range:** Functions effectively from -40 °C to 105 °C.
- **Through Hole Mount Type:** Ensures stable and reliable mounting on PCBs.
- **Shrouded Design:** Protects contacts and ensures alignment during mating.

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

The RS PRO PCB Header is designed for robust and reliable connections in electronic applications. With a 3.5 mm pitch and a shrouded design, this header ensures secure and efficient board-to-board or board-to-wire connections. It is ideal for use in environments requiring high durability and performance.

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	2
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	3.5 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