

FEATURES

- **Board-to-Board and Board-to-Wire Connector System:** Versatile connectivity options for different configurations
- **Male Contact Gender:** Ensures compatibility with female connectors
- **Phosphor Bronze Contact Material:** Provides excellent conductivity and durability
- **Nickel Contact Plating:** Offers corrosion resistance for long-lasting performance
- **8 A Current Rating:** Suitable for moderate power applications
- **PA66 Housing Material:** High mechanical strength and thermal stability
- **Wide Operating Temperature Range (-40 °C to 105 °C):** Suitable for harsh environments
- **Through Hole Mount Type:** Ensures secure attachment to PCBs
- **Shrouded Design:** Provides protection and alignment during mating

RS PRO PCB Header, 8 Contacts, 3.5 mm Pitch, Shrouded

RS Stock No: 631-110



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 board-to-board and board-to-wire applications. With a robust construction and shrouded design, it ensures secure and efficient connectivity, making it ideal for various industrial settings.

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	8
Number of Rows	1
Orientation	Straight
Product Type	PCB Header
Shrouded/Unshrouded	Shrouded
Tail Pin Length	6.5 mm

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
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