

## INDUSTRIAL COMPONENT DATA

## PST 1,0/21-H-3,5 1737200 PHOENIX CONTACT Pin strip

Brand: PHOENIX CONTACT | Manufacturer Part Number: PST 1,0/21-H-3,5



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | PST 1,0/21-H-3,5                |
| Catalog number  | 1737200                         |
| Category        | Printed circuit board connector |
| Minimum order   | 50 Pcs                          |
| Document ID     | EO-A09DFF5232                   |
| Generated       | 2026-08-05                      |

## Product Overview

## Pin strip

Male connector, nominal section: 1.5 mm<sup>2</sup>, color: black, nominal current: 8 A (Depending on the connector used), nominal voltage (III/2): 250 V, contact surface: Tin, contact type: Male, number of potentials: 21, number of rows: 1, number of poles: 21, number of connections: 21, family of articles: PST 1.0/..-H, pitch: 3.5 mm, mounting: Solder THR, pin arrangement: Linear pin arrangement, pin length [P]: 6.6 mm, number of solder pins per potential: 1, plug-in system: COMBICON PST 1.0, locking: without, fixing type: without, packaging type: boxed, The maximum current depends on the connector used. Of the two current values, the lower value for the connector and the male connector is decisive. The plug is made of high-temperature resistant plastic, making it suitable for the reflow soldering process.

Pin strip, nominal cross section: 1.5 mm<sup>2</sup>, color: black, nominal current: 8 A (depends on the plug used), rated voltage (III/2): 250 V, contact surface: Sn, contact connection type: Pin, number of potentials: 21, number of rows: 1, number of positions: 21, number of connections: 21, product range: PST 1,0/..-H, pitch: 3.5 mm, mounting: THR soldering / wave soldering, pin layout: Linear pinning, solder pin [P]: 6.6 mm, number of solder pins per potential: 1, plug-in system: COMBICON PST 1,0, locking: without, mounting: without, type of packaging: packed in cardboard, The ma...

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification &amp; Catalog Path

Catalog path PHOENIX CONTACT &gt; PCB Connectors (PCC)

## Additional Product Information

Technical dataProduct propertiesProduct type Pin strip

Product family PST 1,0/..-H

Product line COMBICON Connectors S

Type Pin strip

Number of positions 21  
Pitch 3.5 mm  
Number of connections 21  
Number of rows 1  
Number of potentials 21  
Mounting flange without  
Pin layout Linear pinning  
Solder pins per potential 1  
Data management status  
Article revision 00  
Electrical propertiesNominal current IN 8 A (depends on the plug used)  
Nominal voltage UN 250 V  
Rated voltage (III/3) 160 V  
Rated surge voltage (III/3) 2.5 kV  
Rated voltage (III/2) 250 V  
Rated surge voltage (III/2) 2.5 kV  
Rated voltage (II/2) 250 V  
Rated surge voltage (II/2) 2.5 kV  
MountingMounting type THR soldering / wave soldering  
Pin layout Linear pinning  
Material specificationsMaterial data - contact  
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201  
Contact material Cu alloy  
Surface characteristics Tin-plated  
Metal surface contact area (top layer) Tin (3 - 5 µm Sn)  
Metal surface contact area (middle layer) Nickel (1 - 3 µm Ni)  
Metal surface soldering area (top layer) Tin (3 - 5 µm Sn)  
Metal surface soldering area (middle layer) Nickel (1 - 3 µm Ni)  
Material data - housing  
Color (Housing) black (9005)  
Insulating material PA  
Insulating material group IIIa  
CTI according to IEC 60112 250  
Flammability rating according to UL 94 V0  
Glow wire flammability index GWFI according to EN 60695-2-12 850  
Glow wire ignition temperature GWIT according to EN 60695-2-13 775  
Temperature for the ball pressu...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PST 1,0/21-H-3,5 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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