

## INDUSTRIAL COMPONENT DATA

# PST 1,3/ 5-5,0 RD VPE250 1107391 PHOENIX CONTACT Male connector, nominal current: 12 A, number of poles: 5, ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PST 1,3/ 5-5,0 RD VPE250



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | PST 1,3/ 5-5,0 RD VPE250        |
| Catalog number  | 1107391                         |
| Category        | Printed circuit board connector |
| Minimum order   | 250 Pcs                         |
| Document ID     | EO-E951851A40                   |
| Generated       | 2026-08-06                      |

## Product Overview

Male connector, nominal current: 12 A, number of poles: 5, pitch: 5 mm, color: red, surface of contact: Tin, assembly: Soldering THR

Male connector, nominal section: 1.5 mm<sup>2</sup>, color: red, nominal current: 12 A (Depending on the connector used), nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Male, number of rows: 1, number of poles: 5, article family: PST 1.3/..-V, pitch: 5 mm, mounting: THR solder, pin arrangement: Linear pin arrangement, pin length [P]: 3.5 mm, plug-in system: COMBICON PST 1.3, lock: without, fixing type: without, packaging type: boxed

Pin strip, nominal cross section: 1.5 mm<sup>2</sup>, color: red, nominal current: 12 A (depends on the plug used), rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Pin, number of rows: 1, number of positions: 5, product range: PST 1.3/..-V, pitch: 5 mm, mounting: THR soldering / wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 mm, plug-in system: COMBICON PST 1.3, locking: without, mounting: without, type of packaging: packed in cardboard

## STRUCTURED PRODUCT DATA

## Technical Specifications

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

## Classification & Catalog Path

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

## Additional Product Information

Technical dataProduct propertiesProduct type Pin strip

Product family PST 1,3/..-V

Product line COMBICON Connectors M

Number of positions 5

Pitch 5 mm

Number of rows 1

Pin layout Linear pinning  
Data management status  
Article revision 00  
Electrical properties Nominal current  $I_N$  12 A (depends on the plug used)  
Nominal voltage  $U_N$  320 V  
Contact resistance 1.6 m $\Omega$   
Rated voltage (III/3) 250 V  
Rated surge voltage (III/3) 4 kV  
Rated voltage (III/2) 320 V  
Rated surge voltage (III/2) 4 kV  
Rated voltage (II/2) 400 V  
Rated surge voltage (II/2) 4 kV  
Mounting Mounting type THR soldering / wave soldering  
Pin layout Linear pinning  
Processing notes  
Moisture Sensitive Level MSL 1  
Classification temperature  $T_c$  260 °C  
Solder cycles in the reflow 3  
Material specifications Material 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  $\mu\text{m}$  Sn)  
Metal surface contact area (middle layer) Nickel (1 - 3  $\mu\text{m}$  Ni)  
Metal surface soldering area (top layer) Tin (3 - 5  $\mu\text{m}$  Sn)  
Metal surface soldering area (middle layer) Nickel (1 - 3  $\mu\text{m}$  Ni)  
Material data - housing  
Color (Housing) red (3001)  
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....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PST 1,3/ 5-5,0 RD VPE250 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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