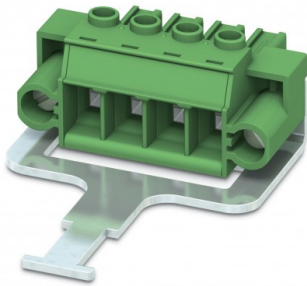


## INDUSTRIAL COMPONENT DATA

# PC 5/ 2-STF-SH1-7,62 1778175 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 5/ 2-STF-SH1-7,62



|                 |                      |
|-----------------|----------------------|
| Manufacturer    | PHOENIX CONTACT      |
| MPN / Reference | PC 5/ 2-STF-SH1-7,62 |
| Catalog number  | 1778175              |
| Category        | Cable connector      |
| Minimum order   | 50 Pcs               |
| Document ID     | EO-53F6DDDC67        |
| Generated       | 2026-08-01           |

### Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 6 mm<sup>2</sup>, color: green, nominal current: 41 A, nominal voltage (III/2): 1000 V, contact surface: Tin, contact type: Female, number of potentials: 2, number of rows: 1, number of poles: 2, number of connections: 2, family of articles: PC 5/..-STF1-SH, pitch: 7.62 mm, connection type: Screw connection with traction capsule, screw clamping form: H1L Philipps-Recess with longitudinal groove, conductor connection direction/printed circuit board: 0 °, clamping hook: - without clamping hook, plug-in system: COMBICON PC 5, locking: Screw locking, fixing type: Air clamping (screw), packaging type: Boxed Packaging

PCB connector, nominal cross section: 6 mm<sup>2</sup>, color: green, nominal current: 41 A, rated voltage (III/2): 1000 V, contact surface: Sn, contact connection type: Socket, number of potentials: 2, number of rows: 1, number of positions: 2, number of connections: 2, product range: PC 5/..-STF1-SH, pitch: 7.62 mm, connection method: Screw connection with tension sleeve, screw head form: H1L Slotted Phillips recess, conductor/PCB connection direction: 0 °, locking clip: - without locking clip, plug-in system: COMBICON PC 5, Electrical properties: shielded, locking: Screw locking mechanism, mounting: Screw flange, 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 > PCB Connectors (PCC)

### Additional Product Information

Technical dataProduct propertiesProduct type PCB connector

Product family PC 5/..-STF1-SH

Product line COMBICON Connectors L

Type Standard

Number of positions 2

Pitch 7.62 mm

Number of connections 2

Number of rows 1

Number of potentials 2

Mounting flange Screw flange

Electrical characteristic shielded

Data management status

Article revision 03

Electrical propertiesNominal current  $I_N$  41 A

Nominal voltage  $U_N$  1000 V

Rated voltage (III/3) 1000 V

Rated surge voltage (III/3) 8 kV

Rated voltage (III/2) 1000 V

Rated surge voltage (III/2) 8 kV

Rated voltage (II/2) 1000 V

Rated surge voltage (II/2) 6 kV

Electrical characteristic shielded

Connection dataConnection technology

Type Standard

Connector system COMBICON PC 5

Nominal cross section 6 mm<sup>2</sup>

Contact connection type Socket

Interlock

Locking type Screw locking mechanism

Mounting flange Screw flange

Tightening torque 0.3 Nm ... 0.7 Nm

Conductor connection

Connection method Screw connection with tension sleeve

Conductor/PCB connection direction 0 °

Conductor cross section rigid 0.2 mm<sup>2</sup> ... 10 mm<sup>2</sup>

Conductor cross section flexible 0.2 mm<sup>2</sup> ... 6 mm<sup>2</sup>

Conductor cross section AWG 24 ... 10

Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 6 mm<sup>2</sup>

Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm<sup>2</sup> ... 4 mm<sup>2</sup>

2 conductors with same cross section, solid 0.2 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

2 conductors with same cross section, flexible 0.2 mm<sup>2</sup> ... 4 mm<sup>2</sup>

2 conductors with same cross section, flexible, wit...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 5/ 2-STF-SH1-7,62 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

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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