

**INDUSTRIAL COMPONENT DATA**

# PC 5/ 2-ST2-7,62 BD:1-2 1783144 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: PC 5/ 2-ST2-7,62 BD:1-2



|                 |                         |
|-----------------|-------------------------|
| Manufacturer    | PHOENIX CONTACT         |
| MPN / Reference | PC 5/ 2-ST2-7,62 BD:1-2 |
| Catalog number  | 1783144                 |
| Category        | Cable connector         |
| Minimum order   | 50 Pcs                  |
| Document ID     | EO-BEE6CE2487           |
| Generated       | 2026-08-03              |

### 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 connection type: Female, number of potentials: 2, number of rows: 1, number of poles: 2, number of connections: 2, family of articles: PC 5/.. -ST2, pitch: 7.62 mm, connection type: Screw connection with traction capsule, screw clamping form: H1L Philipps-Recess with longitudinal slot, conductor connection direction/printed circuit board: 0 °, clamping hook: - Clamping hook, plug-in system: COMBICON PC 5, locking: without, fixing type: without, packaging type: boxed

**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

Key Commercial Data

Orderkey 1783144

Packing unit 1

GTIN 404635655531

Custom tariff number 85366990

Dimensions

Length [ l ] 35.25 mm

Width [ w ] 15.19 mm

Height [ h ] 19.7 mm

Pitch 7.62 mm

Dimension a 7.62 mm

General

Range of articles PC 5/-ST1

Number of positions 2

Connection method Screw connection with tension sleeve

Insulating material group I

Rated surge voltage (III/3) 8 kV

Rated surge voltage (III/2) 8 kV

Rated surge voltage (II/2) 6 kV

Rated voltage (III/3) 1000 V

Rated voltage (III/2) 1000 V

Rated voltage (II/2) 1000 V

Nominal current  $I_N$  41 A

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

Flammability rating according to UL 94 V0

Internal cylindrical gage A4

Stripping length 10 mm

Screw thread M3

Tightening torque, min 0.5 Nm

Tightening torque max 0.8 Nm

Connection data

Conductor cross section solid min. 0.2 mm<sup>2</sup>

Conductor cross section solid max. 10 mm<sup>2</sup>

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

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

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

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

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

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

Conductor cross section AWG min. 24

Conductor cross section AWG max. 10

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

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

2 conductors with same cross section, st...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PC 5/ 2-ST2-7,62 BD:1-2 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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