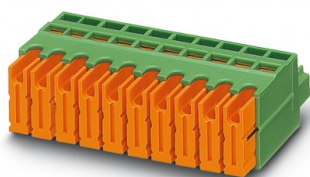


## INDUSTRIAL COMPONENT DATA

# QC 0,5/ 5-ST-3,81 1897429 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: QC 0,5/ 5-ST-3,81



|                 |                   |
|-----------------|-------------------|
| Manufacturer    | PHOENIX CONTACT   |
| MPN / Reference | QC 0,5/ 5-ST-3,81 |
| Catalog number  | 1897429           |
| Category        | Cable connector   |
| Minimum order   | 50 Pcs            |
| Document ID     | EO-1A5C4F9094     |
| Generated       | 2026-08-02        |

## Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 0.5 mm<sup>2</sup>, color: green, nominal current: 6 A, nominal voltage (III/2): 200 V, contact surface: Tin, contact type: Female, number of potentials: 5, number of rows: 1, number of poles: 5, number of connections: 5, family of articles: QC 0.5/.. -ST, pitch: 3.81 mm, connection type: Offset connection, conductor/printed circuit board connection direction: 0°, plug-in system: COMBICON MC 1.5, lock: without, fixing type: without, packaging type: boxed

PCB connector, nominal cross-section: 0.5 mm<sup>2</sup>, colour: green, rated current: 6 A, dimensioning voltage (III/2): 200 V, contact surface: Sn, contact connection type: Female, number of potentials: 5, number of rows: 1, number of poles: 5, number of connections: 5, product series: QC 0.5/.. -ST, pitch: 3.81 mm, connection type: insulation displacement connection, conductor/board connection direction: 0°, plug system: COMBICON MC 1.5, locking: none, fastening type: none, packaging type: packed in carton

## 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

Key Commercial Data

Orderkey 1897429

Packing unit 50 pc

Minimum order quantity 50 pc

Catalog page Page 204 (C-1-2013)

GTIN 4017918164928

Weight per Piece (excluding packing) 4.660 g

Custom tariff number 85366990

Country of origin CN (China)

Dimensions

Length [ l ] 26.8 mm

Width [ w ] 19.84 mm

Height [ h ] 12.9 mm

Pitch 3.81 mm

Dimension a 15.24 mm

General

Range of articles QC 0,5/...-ST

Number of positions 5

Connection method Displacement connection

Insulating material group I

Rated surge voltage (III/3) 4 kV

Rated surge voltage (III/2) 4 kV

Rated surge voltage (II/2) 4 kV

Rated voltage (III/3) 200 V

Rated voltage (III/2) 200 V

Rated voltage (II/2) 400 V

Connection in acc. with standard EN-VDE

Nominal current I<sub>N</sub> 6 A

Nominal cross section 0.5 mm<sup>2</sup>

Maximum load current 6 A (with 0.5 mm<sup>2</sup> conductor cross section)

Insulating material PA

Flammability rating according to UL 94 V0

Connection data

Conductor cross section flexible min. 0.34 mm<sup>2</sup>

Conductor cross section flexible max. 0.5 mm<sup>2</sup>

Conductor cross section AWG min. 22

Conductor cross section AWG max. 20

Minimum AWG according to UL/CUL 24

Maximum AWG according to UL/CUL 20

Wire diameter incl. insulation 2.2 mm

Standards and Regulations

Connection in acc. with standard EN-VDE

CUL

Flammability rating according to UL 94 V0

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

eCl@ss 4.0272607xxeCl@ss 4.127260701eCl@ss 5.027260...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / QC 0,5/ 5-ST-3,81 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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