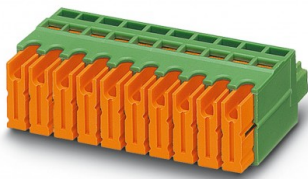


## INDUSTRIAL COMPONENT DATA

# QC 0,5/ 5-ST-3,81 BD2:1-5 1028940 PHOENIX CONTACT

## Connector for printed circuit board, nominal current: 6 A,..

Brand: PHOENIX CONTACT | Manufacturer Part Number: QC 0,5/ 5-ST-3,81 BD2:1-5



|                 |                           |
|-----------------|---------------------------|
| Manufacturer    | PHOENIX CONTACT           |
| MPN / Reference | QC 0,5/ 5-ST-3,81 BD2:1-5 |
| Catalog number  | 1028940                   |
| Category        | Cable connector           |
| Minimum order   | 50 Pcs                    |
| Document ID     | EO-051DD6C2AA             |
| Generated       | 2026-08-02                |

## Product Overview

Connector for printed circuit board, nominal current: 6 A, number of poles: 5, pitch: 3,81 mm, connection type: displacement Connection, color: green, surface contacts: Tin

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>, Color: green, Rated current: 6 A, Rated voltage (III/2): 200 V, Contact surface: Sn, Contact type: Socket, Number of potentials: 5, Number of rows: 1, Number of poles: 5, Number of connectors: 5, Product family: QC 0.5/.. -ST, Pitch: 3.81 mm, Connection type: cutting connection, Connection direction conductor/board: 0°, Plug-in system: COMBICON MC 1.5, Locking: without, Mounting type: without, Packaging type: packed in a 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

Technical dataItem propertiesProduct Type PCB Connectors

Product family QC 0.5/.. -ST

Product Line COMBICON Connectors XS

Number of poles 5

Grid dimension 3.81 mm  
Number of ports 5  
Number of rows 1  
Number of potentials 5  
Data maintenance status  
Article revision 00  
Electrical propertiesNominal current IN 6 A  
Rated voltage UN 200 V  
Rated voltage (III/3) 200 V  
Rated Surge Voltage (III/3) 4 kV  
Rated voltage (III/2) 200 V  
Rated Surge Voltage (III/2) 4 kV  
Rated voltage (II/2) 400 V  
Rated Surge Voltage (II/2) 4 kV  
Connection dataConnection technology  
Design Standard  
Connector system COMBICON MC 1.5  
Nominal cross-section 0.5 mm<sup>2</sup>  
Contact type Socket  
Locking  
Lock type without  
Mounting Flange without  
Conductor connection  
Connection type Cutting connection  
Connection direction conductor/circuit board 0 °  
Flexible conductor cross-section 0.34 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>  
Conductor cross-section AWG 22 ... 20  
Material specificationsMaterial information - Contact  
Note WEEE/RoHS compliant, whisker-free according to IEC 60068-2-82/JEDEC JESD 201  
Material Contact Cu alloy  
Surface finish hot-dip tin-plated  
Metal surface clamping point (top layer) Tin (5 - 7 um Sn)  
Metal Surface Contact Area (Top Layer) Tin (5 - 7 um Sn)  
Material specifications - Housing  
Color (Housing) Green (6021)  
Insulating material PA  
Insulating material group I  
CTI according to IEC 60112 600  
Flammability class according to UL 94 V0  
Glow wire flammability index GWFI according to EN 60695-2-12 850  
Glow wire ignition temperature GWIT acco...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / QC 0,5/ 5-ST-3,81 BD2:1-5 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

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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