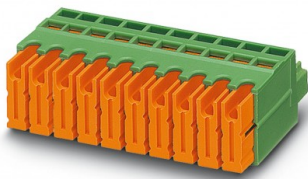


## INDUSTRIAL COMPONENT DATA

# QC 0,5/10-ST-3,81 BD2:1-10 1028927 PHOENIX CONTACT

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

Brand: PHOENIX CONTACT | Manufacturer Part Number: QC 0,5/10-ST-3,81 BD2:1-10



|                 |                            |
|-----------------|----------------------------|
| Manufacturer    | PHOENIX CONTACT            |
| MPN / Reference | QC 0,5/10-ST-3,81 BD2:1-10 |
| Catalog number  | 1028927                    |
| Category        | Cable connector            |
| Minimum order   | 50 Pcs                     |
| Document ID     | EO-27971C5E59              |
| Generated       | 2026-08-03                 |

## Product Overview

Connector for printed circuit board, nominal current: 6 A, number of poles: 10, 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: 10, number of rows: 1, number of poles: 10, number of connections: 10, article family: 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, nominal current: 6 A, rated voltage (III/2): 200 V, contact surface: Sn, contact connection type: Socket, number of potentials: 10, number of rows: 1, number of positions: 10, number of connections: 10, product range: QC 0,5/..-ST, pitch: 3.81 mm, connection method: Displacement connection, conductor/PCB connection direction: 0°, plug-in system: COMBICON MC 1,5, 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 > PCB Connectors (PCC) |
|--------------|----------------------------------------|

## Additional Product Information

Technical dataProduct propertiesProduct type PCB connector

Product family QC 0,5/..-ST

Product line COMBICON Connectors XS

Number of positions 10

Pitch 3.81 mm  
Number of connections 10  
Number of rows 1  
Number of potentials 10  
Data management status  
Article revision 00  
Electrical propertiesNominal current IN 6 A  
Nominal 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  
Type Standard  
Connector system COMBICON MC 1,5  
Nominal cross section 0.5 mm<sup>2</sup>  
Contact connection type Socket  
Interlock  
Locking type without  
Mounting flange without  
Conductor connection  
Connection method Displacement connection  
Conductor/PCB connection direction 0 °  
Conductor cross section flexible 0.34 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>  
Conductor cross section AWG 22 ... 20  
Material specificationsMaterial data - contact  
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201  
Contact material Cu alloy  
Surface characteristics hot-dip tin-plated  
Metal surface terminal point (top layer) Tin (5 - 7 µm Sn)  
Metal surface contact area (top layer) Tin (5 - 7 µm Sn)  
Material data - housing  
Color (Housing) green (6021)  
Insulating material PA  
Insulating material group I  
CTI according to IEC 60112 600  
Flammability rating according to UL 94 V0  
Glow wire flammability index GWFI according to EN 60695-2-12 850  
Glow wire ignition tempera...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / QC 0,5/10-ST-3,81 BD2:1-10 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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