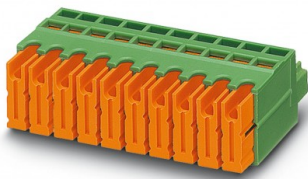


INDUSTRIAL COMPONENT DATA

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	2026-08-04

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 mm², 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 mm², 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)
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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 mm²
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 mm² ... 0.5 mm²
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 or use 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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