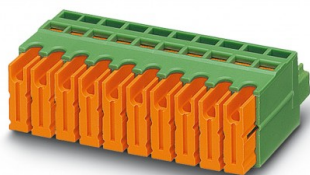


INDUSTRIAL COMPONENT DATA

QC 0,5/ 6-ST-3,81 1897432 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: QC 0,5/ 6-ST-3,81



Manufacturer	PHOENIX CONTACT
MPN / Reference	QC 0,5/ 6-ST-3,81
Catalog number	1897432
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-3460D969C1
Generated	2026-07-31

Product Overview

Printed-circuit board connector

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: 6, number of rows: 1, number of poles: 6, number of connections: 6, 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, colour: green, rated current: 6 A, dimensioning voltage (III/2): 200 V, contact surface: Sn, contact connection type: Female, number of potentials: 6, number of rows: 1, number of poles: 6, number of connections: 6, 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)
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Additional Product Information

Key Commercial Data

Orderkey 1897432

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

Catalog page Page 204 (C-1-2013)

GTIN 4017918164935

Weight per Piece (excluding packing) 5.430 g

Custom tariff number 85366990

Country of origin CN (China)

Dimensions

Length [l] 26.8 mm

Width [w] 23.65 mm

Height [h] 12.9 mm

Pitch 3.81 mm

Dimension a 19.05 mm

General

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

Number of positions 6

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 IN 6 A

Nominal cross section 0.5 mm²

Maximum load current 6 A (with 0.5 mm² conductor cross section)

Insulating material PA

Flammability rating according to UL 94 V0

Connection data

Conductor cross section flexible min. 0.34 mm²

Conductor cross section flexible max. 0.5 mm²

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

eCI@ss 4.027260...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / QC 0,5/ 6-ST-3,81 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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