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-DBBFBB223F
Generated	2026-11-18

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)

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
eCl@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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.