INDUSTRIAL COMPONENT DATA

QC 0,5/ 8-ST-3,81 1897458 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: QC 0,5/ 8-ST-3,81



Manufacturer	PHOENIX CONTACT
MPN / Reference	QC 0,5/ 8-ST-3,81
Catalog number	1897458
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-751359DCD9
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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: 8, number of rows: 1, number of poles: 8, number of connections: 8, 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, nominal current: 6 A, rated voltage (III/2): 200 V, contact surface: Sn, contact connection type: Socket, number of potentials: 8, number of rows: 1, number of positions: 8, number of connections: 8, 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
Type Standard
Number of positions 8

Pitch 3.81 mm
Number of connections 8
Number of rows 1
Number of potentials 8
Mounting flange without
Data management status
Article revision 01
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 mm²
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 mm² ... 0.5 mm²
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-...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / QC 0,5/ 8-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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