INDUSTRIAL COMPONENT DATA

QC 0,5/ 2-ST-3,81 BD2:1-2 1028953 PHOENIX CONTACT Connector for printed circuit board, nominal current: 6 A,..

Brand: PHOENIX CONTACT | Manufacturer Part Number: QC 0,5/ 2-ST-3,81 BD2:1-2



Manufacturer	PHOENIX CONTACT
MPN / Reference	QC 0,5/ 2-ST-3,81 BD2:1-2
Catalog number	1028953
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-24C2B2EDBC
Generated	2026-11-19

Product Overview

Connector for printed circuit board, nominal current: 6 A, number of poles: 2, 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: 2, number of rows: 1, number of poles: 2, number of connections: 2, 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

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 dataItem PropertiesProduct Type Printed Circuit Board Connector
Product Family QC 0.5/.. -ST
Product Line COMBICON Connectors XS
Number of poles 2
Step 3.81 mm
Number of connections 2
Number of rows 1
Number of potentials 2
Data Maintenance Status

Article Review 00
Electrical PropertiesNominal Current IN 6 A
Nominal voltage UN 200 V
Sizing voltage (III/3) 200 V
Dimensioning transient voltage (III/3) 4 kV
Dimensioning voltage (III/2) 200 V
Dimensioning Transient Voltage (III/2) 4 kV
Nominal voltage (II/2) 400 V
Dimensioning transient voltage (II/2) 4 kV
Connection dataConnection technology
Construction Standard
Connector System COMBICON MC 1.5
Nominal Section 0.5 mm²
Contact Connection Type Female
Blockade
Locking system without
Clamping flange without
Connecting Conductors
Connection type Scroll connection
Connection Direction Driver/PCB 0 °
Flexible conductor section 0.34 mm² ... 0.5 mm²
AWG Conductor Section 22 ... 20
Material DataMaterial data - contact
Observation WEEE/RoHS compliant, filament-free according to IEC 60068-2-82/JEDEC JESD 201
Contact material Cu Alloy
Surface Characteristics Malleable cast iron tinning
Metal surface of the terminal point (top layer) Tin (5 - 7 um Sn)
Metal surface contact area (top layer) Tin (5 - 7 um Sn)
Material data - 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
Flammability number of GWFI incandescent filaments....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / QC 0,5/ 2-ST-3,81 BD2:1-2 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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