INDUSTRIAL COMPONENT DATA

QC 0,5/16-STF-3,81 1897681 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: QC 0,5/16-STF-3,81



Manufacturer	PHOENIX CONTACT
MPN / Reference	QC 0,5/16-STF-3,81
Catalog number	1897681
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-13352417EF
Generated	2026-11-19

Product Overview

Printed-circuit board connector
Connector for printed circuit board, nominal section: 0.5 mm², color: green, rated current: 6 A, sizing voltage (III/2): 200 V, surface contacts: Tin, contact type: Connection female, Number of potentials: 16, Number of rows: 1, Number of poles per row: 16, number of connections: 16, article family: QC 0,5/.. -STF, pitch: 3.81 mm, connection type: Travel connection, connection direction conductor/printed circuit board: 0 °, Stecksystem: MINICOMBICON, Lock: Locking by screw, type of packaging: boxed packaging

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 1897681
Packing unit 50 pc
Minimum order quantity 50 pc
Note Made to Order (non-returnable)
Catalog page Page 205 (C-1-2013)
GTIN 4017918165185
Weight per Piece (excluding packing) 14.690 g
Custom tariff number 85366990
Country of origin CN (China)

Dimensions
Length [l] 26.8 mm
Width [w] 71.07 mm
Height [h] 12.9 mm
Pitch 3.81 mm
Dimension a 57.15 mm
General
Range of articles QC 0,5/..-STF
Number of positions 16
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 4.027...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / QC 0,5/16-STF-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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