INDUSTRIAL COMPONENT DATA

QC 1/16-STF-5,08 1883899 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: QC 1/16-STF-5,08



Manufacturer	PHOENIX CONTACT
MPN / Reference	QC 1/16-STF-5,08
Catalog number	1883899
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-EFA9E53355
Generated	2026-11-19

Product Overview

Printed-circuit board connector
Connector for printed circuit board, nominal section: 1 mm², color: green, nominal current: 10 A, nominal voltage (III/2): 630 V, contact surface: Tin, contact type: Female, number of potentials: 16, number of rows: 1, number of poles: 16, number of connections: 16, family of articles: QC 1/.. -STF, pitch: 5.08 mm, connection type: Offset connection, conductor connection direction/printed circuit board: 0 °, clamping hook: - without clamping hook, plug-in system: COMBICON MSTB 2.5, locking: Screw locking, fixing type: Air clamping (screw), 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

Key Commercial Data
Orderkey 1883899
Packing unit 50 pc
Note Made to Order (non-returnable)
Catalog page Page 291 (C-1-2013)
GTIN 4017918157906
Weight per Piece (excluding packing) 27.800 g
Custom tariff number 85366990
Country of origin PL (Poland)
Dimensions

Length [l] 33.8 mm
Width [w] 91.29 mm
Height [h] 15 mm
Pitch 5.08 mm
Dimension a 76.2 mm
General
Range of articles QC 1/..-STF
Number of positions 16
Connection method Displacement connection
Insulating material group I
Rated surge voltage (III/3) 6 kV
Rated surge voltage (III/2) 6 kV
Rated surge voltage (II/2) 6 kV
Rated voltage (III/3) 500 V
Rated voltage (III/2) 630 V
Rated voltage (II/2) 1000 V
Connection in acc. with standard EN-VDE
Nominal current IN 10 A
Nominal cross section 1 mm²
Maximum load current 10 A (with 1 mm² conductor cross section)
Insulating material PA
Flammability rating according to UL 94 V0
Connection data
Conductor cross section flexible min. 0.5 mm²
Conductor cross section flexible max. 1 mm²
Conductor cross section AWG min. 20
Conductor cross section AWG max. 18
Minimum AWG according to UL/CUL 22
Maximum AWG according to UL/CUL 18
Wire diameter incl. insulation 2.5 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 4.0272607xxeCl@ss 4.127260701eCl@ss 5.0272...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / QC 1/16-STF-5,08 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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