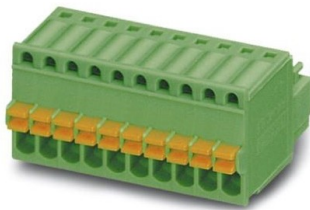


INDUSTRIAL COMPONENT DATA

FK-MC 0,5/12-ST-2,5 1881422 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: FK-MC 0,5/12-ST-2,5



Manufacturer	PHOENIX CONTACT
MPN / Reference	FK-MC 0,5/12-ST-2,5
Catalog number	1881422
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-1EEE4DF568
Generated	2026-07-31

Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 0.5 mm², color: green, nominal current: 4 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Female, number of potentials: 12, number of rows: 1, number of poles: 12, number of connections: 12, article family: FK-MC 0.5/.. -ST, pitch: 2.5mm, connection type: Push-in spring connection, driver/printed circuit board connection direction: 0°, plug-in system: COMBICON FK-MC 0.5, 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)
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Additional Product Information

Key Commercial Data

Orderkey 1881422

Packing unit 50 pc

Minimum order quantity 50 pc

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GTIN 4017918156671

Weight per Piece (excluding packing) 6.900 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Length [l] 19.05 mm

Width [w] 30.6 mm

Height [h] 11.75 mm

Pitch 2.5 mm

Dimension a 27.5 mm

General

Range of articles FK-MC 0,5/...-ST

Insulating material group I

Rated surge voltage (III/3) 1.5 kV

Rated surge voltage (III/2) 2.5 kV

Rated surge voltage (II/2) 2.5 kV

Rated voltage (III/2) 160 V

Rated voltage (II/2) 320 V

Connection in acc. with standard EN-VDE

Nominal current IN 4 A

Nominal voltage UN 100 V

Nominal cross section 0.5 mm²

Insulating material PA

Flammability rating according to UL 94 V0

Stripping length 8 mm

Number of positions 12

Connection data

Conductor cross section solid min. 0.14 mm²

Conductor cross section solid max. 0.5 mm²

Conductor cross section flexible min. 0.14 mm²

Conductor cross section flexible max. 0.5 mm²

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm²

Conductor cross section flexible, with ferrule without plastic sleeve max. 0.5 mm²

Conductor cross section AWG min. 26

Conductor cross section AWG max. 20

Minimum AWG according to UL/CUL 28

Maximum AWG according to UL/CUL 20

Standards and Regulations

Connection in acc. with standard EN-VDE

CUL

Flammability rating according to UL 94 V0

Ambient conditions

Ambient temperature (storage/transport) -40 °C ... 70 °C...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FK-MC 0,5/12-ST-2,5 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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