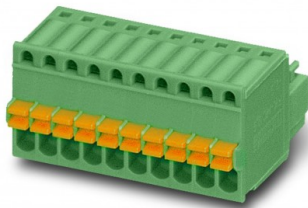


INDUSTRIAL COMPONENT DATA

FK-MC 0,5/12-ST-2,5 BD:1-12 1736968 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: FK-MC 0,5/12-ST-2,5 BD:1-12



Manufacturer	PHOENIX CONTACT
MPN / Reference	FK-MC 0,5/12-ST-2,5 BD:1-12
Catalog number	1736968
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-BA09F247F4
Generated	2026-08-05

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 1736968

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356183000

Weight per Piece (excluding packing) 6.880 g

Custom tariff number 85366990

Country of origin DE (Germany)

Item properties

Brief article description PCB connector

Plug-in system MICRO COMBICON - FK-MC 0,5

Type of contact Female connector

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

Pitch 2.5 mm

Number of positions 12

Connection method Push-in spring connection

Locking without

Number of levels 1

Electrical parameters

Rated current 4 A

Rated insulation voltage (III/2) 160 V

Rated surge voltage (III/2) 2.5 kV

Connection capacity

Conductor cross section solid 0.14 mm² ... 0.5 mm²

Conductor cross section flexible 0.14 mm² ... 0.5 mm²

Conductor cross section AWG / kcmil 26 ... 20

Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 0.5 mm²

Cylindrical gauge a x b / diameter - / 1.4 mm

Stripping length 8 mm

Material 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 (4 - 8 µm Sn)

Metal surface contact area (top layer) Tin (4 - 8 µm Sn)

Material data - housing

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 60695-2-12 850

Glow wire ignition te...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FK-MC 0,5/12-ST-2,5 BD:1-12 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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