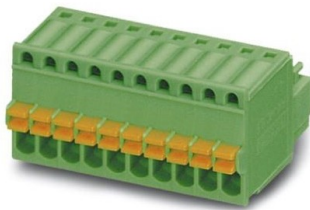


**INDUSTRIAL COMPONENT DATA**

# FK-MC 0,5/ 4-ST-2,5 BKBDWH:1-4 1754128 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: FK-MC 0,5/ 4-ST-2,5 BKBDWH:1-4



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | FK-MC 0,5/ 4-ST-2,5 BKBDWH:1-4 |
| Catalog number  | 1754128                        |
| Category        | Cable connector                |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-6DCE578B47                  |
| Generated       | 2026-08-06                     |

## Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 0.5 mm<sup>2</sup>, color: black, nominal current: 4 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Female, number of potentials: 4, number of rows: 1, number of poles: 4, number of connections: 4, family of articles: 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)**

## Additional Product Information

Key Commercial Data

Orderkey 1754128

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356327787

Weight per Piece (excluding packing) 2.760 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 4

Connection method Push-in spring connection

Locking without

Number of levels 1

Number of connections 4

Number of potentials 4

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 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>

Conductor cross section flexible 0.14 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>

Conductor cross section AWG / kcmil 26 ... 20

Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 0.5 mm<sup>2</sup>

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 accord...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FK-MC 0,5/ 4-ST-2,5 BKBDWH:1-4 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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