

**INDUSTRIAL COMPONENT DATA**

# FK-MC 0,5/ 5-ST-2,5 BKBDWH:1-5 1701459 PHOENIX CONTACT Plug

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



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | FK-MC 0,5/ 5-ST-2,5 BKBDWH:1-5 |
| Catalog number  | 1701459                        |
| Category        | Cable connector                |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-7E01814226                  |
| Generated       | 2026-08-05                     |

## Product Overview

### Plug

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: 5, number of rows: 1, number of poles: 5, number of connections: 5, 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 &gt; PCB Connectors (PCC)

## Additional Product Information

### Key Commercial Data

Orderkey 1701459

Packing unit 1

GTIN 4046356535854

Custom tariff number 85366990

### 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 5  
Connection method Push-in spring connection  
Locking without  
Number of levels 1  
Number of connections 5  
Number of potentials 5  
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 according to EN 60695-2-12 850  
Glow wire ignition temperature GWIT according to EN 60695-2-13 775  
Temperature for the ball pressure test according to E...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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

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