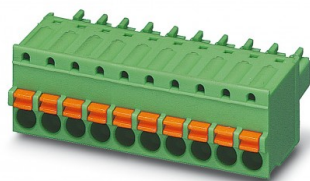


## INDUSTRIAL COMPONENT DATA

# FK-MCP 1,5/ 5-ST-3,81GY35BD-01 1105115 PHOENIX CONTACT Connector for printed circuit board, nominal current:..

Brand: PHOENIX CONTACT | Manufacturer Part Number: FK-MCP 1,5/ 5-ST-3,81GY35BD-01



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | FK-MCP 1,5/ 5-ST-3,81GY35BD-01 |
| Catalog number  | 1105115                        |
| Category        | Cable connector                |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-4A4F5D6CF0                  |
| Generated       | 2026-08-06                     |

## Product Overview

Connector for printed circuit board, nominal current: 8 A, number of poles: 5, pitch: 3,81 mm, type of connection: spring clamp push-in, color: light grey, surface contacts: Tin

Connector for printed circuit board, nominal section: 1.5 mm<sup>2</sup>, color: bright gray, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Female, number of rows: 1, number of poles: 5, family of articles: FK-MCP 1,5/..-ST, pitch: 3.81 mm, connection type: Push-in spring connection, driver/printed circuit board connection direction: 0°, plug-in system: COMBICON MC 1.5, lock: without, fixing type: without, packaging type: boxed

PCB connector, nominal cross section: 1.5 mm<sup>2</sup>, color: light gray, nominal current: 8 A, rated voltage (III/2): 160 V, contact surface: Sn, contact connection type: Socket, number of rows: 1, number of positions: 5, product range: FK-MCP 1,5/..-ST, pitch: 3.81 mm, connection method: Push-in spring connection, conductor/PCB connection direction: 0°, plug-in system: COMBICON MC 1,5, locking: without, mounting: without, type of packaging: packed in cardboard

## 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

Technical dataProduct propertiesProduct type PCB connector

Product family FK-MCP 1,5/..-ST

Product line COMBICON Connectors S

Number of positions 5

Pitch 3.81 mm  
Number of rows 1  
Data management status  
Article revision 00  
Electrical propertiesNominal current IN 8 A  
Nominal voltage UN 160 V  
Contact resistance 1.4 m?  
Rated voltage (III/3) 160 V  
Rated surge voltage (III/3) 2.5 kV  
Rated voltage (III/2) 160 V  
Rated surge voltage (III/2) 2.5 kV  
Rated voltage (II/2) 320 V  
Rated surge voltage (II/2) 2.5 kV  
Connection dataConnection technology  
Type Standard  
Connector system COMBICON MC 1,5  
Nominal cross section 1.5 mm<sup>2</sup>  
Contact connection type Socket  
Interlock  
Locking type without  
Mounting flange without  
Conductor connection  
Connection method Push-in spring connection  
Conductor/PCB connection direction 0 °  
Conductor cross section rigid 0.14 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
Conductor cross section flexible 0.14 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
Conductor cross section AWG 26 ... 16  
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm<sup>2</sup> ... 0.75 mm<sup>2</sup>  
Cylindrical gauge a x b / diameter 2.4 mm x 1.5 mm / -  
Stripping length 9 mm  
Specifications for ferrules without insulating collar  
recommended crimping tool 1212034 CRIMPFOX 6  
ferrules without insulating collar, according to DIN 46228-1 Cross section: 0.25 mm<sup>2</sup>; Length: 7 mm  
Cross section: 0.34 mm<sup>2</sup>; Length: 7 mm  
Cross section: 0.5 mm<sup>2</sup>; Length: 8 mm ... 10 mm  
Cross....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FK-MCP 1,5/ 5-ST-3,81GY35BD-01 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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