

## INDUSTRIAL COMPONENT DATA

# FMC 0,5/ 9-ST-2,54 C1 1706254 PHOENIX CONTACT Plug component, Nominal current: 6 A, Rated voltage (III/2): 1..

Brand: PHOENIX CONTACT | Manufacturer Part Number: FMC 0,5/ 9-ST-2,54 C1



|                 |                       |
|-----------------|-----------------------|
| Manufacturer    | PHOENIX CONTACT       |
| MPN / Reference | FMC 0,5/ 9-ST-2,54 C1 |
| Catalog number  | 1706254               |
| Category        | Cable connector       |
| Minimum order   | 100 Pcs               |
| Document ID     | EO-6A29D7B594         |
| Generated       | 2026-08-03            |

## Product Overview

Plug component, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 9, Pitch: 2.54 mm, Connection method: Push-in spring connection, Color: black, Contact surface: Gold, Fixed coding of the first position, can be combined with MC(V) 0,5/...-G-2,54...C1 headers

Connector for printed circuit board, nominal section: 0.5 mm<sup>2</sup>, color: black, nominal current: 6 A, nominal voltage (III/2): 160 V, contact surface: Gold, contact type: Female, number of potentials: 9, number of rows: 1, number of poles: 9, number of connections: 9, family of articles: FMC 0.5/.. -ST, pitch: 2.54mm, connection type: Push-in spring connection, conductor/printed circuit board connection direction: 0°, plug-in system: COMBICON FMC 0.5, locking: without, fixing type: without, packing type: box-packed, first pole fixed coding; can be combined with MC(V) 0.5/...-G-2.54...C1 base housings

## 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

## Dimensions

Length 15.4 mm

Height 5.4 mm

Width 23.32 mm

Pitch 2.54 mm

Dimension a 20.32 mm

## General

Range of articles FMC 0,5/...-ST

Insulating material group IIIa  
Rated surge voltage (III/3) 2.5 kV  
Rated surge voltage (III/2) 2.5 kV  
Rated surge voltage (II/2) 2.5 kV  
Rated voltage (III/3) 32 V  
Rated voltage (III/2) 160 V  
Rated voltage (II/2) 160 V  
Connection in acc. with standard EN-VDE  
Nominal current I<sub>N</sub> 6 A  
Nominal cross section 0.5 mm<sup>2</sup>  
Insulating material LCP  
Flammability rating according to UL 94 V0  
Stripping length 7 mm  
Number of positions 9  
Connection data  
Conductor cross section solid min. 0.14 mm<sup>2</sup>  
Conductor cross section solid max. 0.5 mm<sup>2</sup>  
Conductor cross section flexible min. 0.14 mm<sup>2</sup>  
Conductor cross section flexible max. 0.5 mm<sup>2</sup>  
Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm<sup>2</sup>  
Conductor cross section flexible, with ferrule without plastic sleeve max. 0.34 mm<sup>2</sup>  
Conductor cross section flexible, with ferrule with plastic sleeve min. 0.14 mm<sup>2</sup>  
Conductor cross section flexible, with ferrule with plastic sleeve max. 0.25 mm<sup>2</sup>  
Conductor cross section AWG min. 26  
Conductor cross section AWG max. 20

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / FMC 0,5/ 9-ST-2,54 C1 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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