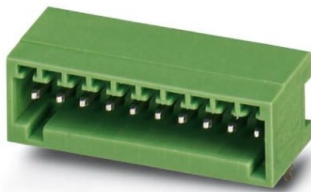


**INDUSTRIAL COMPONENT DATA**

# MC 0,5/ 9-G-2,5 1881516 PHOENIX CONTACT Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: MC 0,5/ 9-G-2,5



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | MC 0,5/ 9-G-2,5                 |
| Catalog number  | 1881516                         |
| Category        | Printed circuit board connector |
| Minimum order   | 50 Pcs                          |
| Document ID     | EO-DACBF2134C                   |
| Generated       | 2026-08-02                      |

## Product Overview

Feed-through header

Printed circuit board base housing, nominal section: 0.5 mm<sup>2</sup>, color: green, nominal current: 4 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Male, number of potentials: 9, number of rows: 1, number of poles: 9, number of connections: 9, family of articles: MC 0.5/.. -G, pitch: 2.5 mm, mounting: Wave soldering, conductor/printed circuit board connection direction: 0 °, pin arrangement: Linear pin arrangement, pin length [P]: 3.8 mm, number of solder pins per potential: 1, plug-in system: COMBICON FK-MC 0.5, Plug-in face orientation: Standard, lock: without, fixing type: without, packaging type: Boxed Packaging

**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 1881516

Packing unit 50 pc

Minimum order quantity 50 pc

Catalog page Page 172 (C-1-2013)

GTIN 4017918156756

Weight per Piece (excluding packing) 1.820 g

Custom tariff number 85366930

Country of origin DE (Germany)

**Dimensions**

Length [ l ] 10.1 mm

Width 24.4 mm

Pitch 2.5 mm

Dimension a 20 mm

Width [ w ] 24.4 mm

Height [ h ] 11.9 mm

Height 8.1 mm

Length of the solder pin 3.8 mm

Pin dimensions 0.8 x 0.8 mm

Length 10.1 mm

**General**

Range of articles MC 0,5/...-G

Insulating material group I

Rated surge voltage (III/3) 1.5 kV

Rated surge voltage (III/2) 2.5 kV

Rated surge voltage (II/2) 2.5 kV

Rated voltage (III/3) 80 V

Rated voltage (III/2) 160 V

Rated voltage (II/2) 320 V

Connection in acc. with standard EN-VDE

Nominal current I<sub>N</sub> 4 A

Maximum load current 4 A

Insulating material PA

Flammability rating according to UL 94 V0

Color green

Number of positions 9

**Standards and Regulations**

Connection in acc. with standard EN-VDE

**CUL**

Flammability rating according to UL 94 V0

**Environmental Product Compliance**

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

**Classifications**

eCl@ss 4.0272607xxeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss

7.027440402eCl@ss 8.027440402eCl@ss 9.027440402

ETIM 3.0EC001121ETIM 4.0EC002637ETIM 5.0EC002637ETIM 6.0EC002637

UNSPSC 6.0130211810UNSPSC 7.090139121409UNSPSC 1139121409UNSPSC 12.0139121409UNSPSC

13.239121409

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MC 0,5/ 9-G-2,5 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

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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