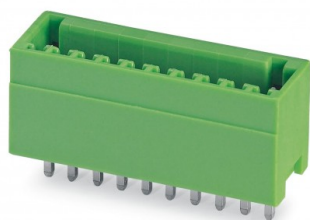


## INDUSTRIAL COMPONENT DATA

# MCV 0,5/12-G-2,5 1881655 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCV 0,5/12-G-2,5



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | MCV 0,5/12-G-2,5                |
| Catalog number  | 1881655                         |
| Category        | Printed circuit board connector |
| Minimum order   | 50 Pcs                          |
| Document ID     | EO-40FB201846                   |
| Generated       | 2026-08-02                      |

## Product Overview

Printed-circuit board connector

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: 12, number of rows: 1, number of poles: 12, number of connections: 12, family of articles: MCV 0.5/.. -G, pitch: 2.5 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 3.5 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

PCB base strip, nominal cross-section: 0.5 mm<sup>2</sup>, color: green, rated current: 4 A, rated voltage (III/2): 160 V, contact surface: Sn, contact type: pin, number of potentials: 12, number of rows: 1, number of poles: 12, number of terminals: 12, article family: MCV 0.5/.. -G, Pitch: 2.5 mm, Mounting: Wave Soldering, Pin Layout: Linear Pinning, Pin Length [P]: 3.5 mm, Number of Solder Pins per Potential: 1, Mating System: COMBICON FK-MC 0.5, Mating Face Orientation: Standard, Locking: Without, Mounting Type: Without, Packaging Type: Packed in a Box

## 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 1881655

Packing unit 50 pc

Minimum order quantity 50 pc

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GTIN 4017918156893

Weight per Piece (excluding packing) 2.210 g

Custom tariff number 85366930

Country of origin DE (Germany)

Dimensions

Length [ l ] 8.1 mm

Width 32.2 mm

Pitch 2.5 mm

Dimension a 27.5 mm

Width [ w ] 32.2 mm

Height [ h ] 13.6 mm

Height 10.1 mm

Length of the solder pin 3.5 mm

Pin dimensions 0.8 x 0.8 mm

Length 8.1 mm

General

Range of articles MCV 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 IN 4 A

Maximum load current 4 A

Insulating material PA

Flammability rating according to UL 94 V0

Color green

Number of positions 12

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

ETIM for 1881655 Connecto...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCV 0,5/12-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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