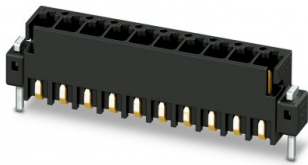


## INDUSTRIAL COMPONENT DATA

# MCV 0,5/ 6-G-2,54 SMDR44C2 1706089 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCV 0,5/ 6-G-2,54 SMDR44C2



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | MCV 0,5/ 6-G-2,54 SMDR44C2      |
| Catalog number  | 1706089                         |
| Category        | Printed circuit board connector |
| Minimum order   | 315 Pcs                         |
| Document ID     | EO-5E133C9D4C                   |
| Generated       | 2026-08-02                      |

### Product Overview

Printed-circuit board connector

Printed circuit board base housing, nominal section: 0.5 mm<sup>2</sup>, color: black, nominal current: 6 A, dimensioning voltage (III/2): 160 V, contact surface: Gold, contact type: Male, Number of potentials: 6, Number of rows: 1, Number of poles per row: 6, number of connections: 6, article family: MCV 0.5/.. -G-SMD, pitch: 2.54 mm, mounting: SMD soldering, pin arrangement: Linear pad geometry, pin length [P]: 2 mm, Stecksystem: MICRO COMBICON - FMC 0.5, Lock: without, packaging type: 44 mm wide strap, Fixed last pole coding, can be combined with FMC 0.5/...-ST-2.54 C2 connector

Printed circuit board base housing, nominal section: 0.5 mm<sup>2</sup>, color: black, nominal current: 6 A, nominal voltage (III/2): 160 V, contact surface: Au, contact connection type: Male, number of potentials: 6, number of rows: 1, number of poles: 6, number of connections: 6, article family: MCV 0.5/.. -G-SMD, pitch: 2.54 mm, mounting: SMD soldering, pin arrangement: Linear pad geometry, pin length [P]: 2 mm, number of solder pins per potential: 1, plug-in system: COMBICON FMC 0.5, Plug-in face orientation: Standard, lock: without, fixing type: without, packaging type: 44 mm wide strap, Fixed last pole coding, can be combined with FMC 0.5/...-ST-2.54 C2 connector

## 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 1706089

Packing unit 315 pc

Minimum order quantity 315 pc

Note Made to Order (non-returnable)

Catalog page Page 179 (C-1-2013)

GTIN 4046356842495

Weight per Piece (excluding packing) 2.530 g

Custom tariff number 85366930

Country of origin PL (Poland)

Dimensions

Length [ l ] 4.85 mm

Width 19.82 mm

Pitch 2.54 mm

Dimension a 12.7 mm

Width [ w ] 19.82 mm

Height [ h ] 7.1 mm

Height 7.1 mm

Length of the solder pin 2 mm

Pin dimensions 0.64 x 0.64 mm

Length 4.85 mm

General

Range of articles MCV 0,5/...-G-SMD

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

Insulating material LCP

Flammability rating according to UL 94 V0

Color black

Number of positions 6

Standards and Regulations

Connection in acc. with standard EN-VDE

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 / MCV 0,5/ 6-G-2,54 SMDR44C2 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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