

## INDUSTRIAL COMPONENT DATA

# MCV 1,5/16-GF-3,81 P20 THRR104 1828646 PHOENIX CONTACT PCB headers, nominal current: 8 A, rated voltage (III..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCV 1,5/16-GF-3,81 P20 THRR104



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | MCV 1,5/16-GF-3,81 P20 THRR104  |
| Catalog number  | 1828646                         |
| Category        | Printed circuit board connector |
| Minimum order   | 200 Pcs                         |
| Document ID     | EO-AA58FA2AC5                   |
| Generated       | 2026-08-05                      |

## Product Overview

PCB headers, nominal current: 8 A, rated voltage (III/2): 160 V, number of positions: 16, pitch: 3.81 mm, color: black, contact surface: Tin, mounting: THR soldering

Printed circuit board base housing, nominal section: 1.5 mm<sup>2</sup>, color: black, nominal current: 8 A, nominal voltage (III/2): 160 V, contact surface: Tin, contact type: Male, number of potentials: 16, number of rows: 1, number of poles: 16, number of connections: 16, family of articles: MCV 1.5/.. -GF-THR, pitch: 3.81 mm, mounting: Solder THR, pin arrangement: Linear pin arrangement, pin length [P]: 2 mm, number of solder pins per potential: 1, plug-in system: COMBICON MC 1.5, Plug-in face orientation: Standard, locking: Screw lock, fixing type: Air clamping (thread), packaging type: 104 mm wide strap

PCB headers, nominal current: 8 A, rated voltage (III/2): 160 V, nominal cross section: 1.5 mm<sup>2</sup>, number of positions: 16, pitch: 3.81 mm, color: black, contact surface: Tin, mounting: THR soldering, pin layout: Linear pinning, solder pin [P]: 2 mm

## 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

Key Commercial Data

Orderkey 1828646

Packing unit 1

Catalog page Page 21 (NTK-2014)

GTIN 4046356866958

Custom tariff number 85366930

Drawings

General

Environmental Product Compliance

Dimensions

Standards and Regulations

Classifications

Drawings

Drilling diagram

Diagram

Dimensional drawing

Back to topDimensions

Length [ l ] 7 mm

Width 71.35 mm

Pitch 3.81 mm

Dimension a 57.15 mm

Width [ w ] 71.35 mm

Height [ h ] 11.2 mm

Height 9.2 mm

Length of the solder pin 2 mm

Pin dimensions 0.8 x 0.8 mm

Length 7 mm

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Range of articles MCV 1,5/...-GF-THR

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) 160 V

Rated voltage (III/2) 160 V

Rated voltage (II/2) 250 V

Connection in acc. with standard EN-VDE

Nominal current I<sub>N</sub> 8 A

Maximum load current 8 A

Insulating material LCP

Flammability rating according to UL 94 V0

Color black

Number of positions 16

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Connection in acc. with standard EN-VDE

Flammability rating according to UL 94 V0

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REACH SVHC Lead 7439-92-1

China RoHS Environmentally Friendly Use Period = 50 years

For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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eCl@ss 4.1 27260700  
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eCl@ss 8.0 27440402  
eCl@ss 9.0...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCV 1,5/16-GF-3,81 P20 THRR104 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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