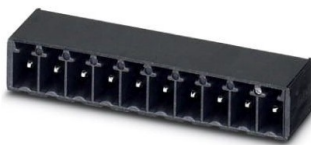


## INDUSTRIAL COMPONENT DATA

# MC 1,5/ 5-G-3,81 P14 THRR56 1702662 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MC 1,5/ 5-G-3,81 P14 THRR56



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | MC 1,5/ 5-G-3,81 P14 THRR56     |
| Catalog number  | 1702662                         |
| Category        | Printed circuit board connector |
| Minimum order   | 470 Pcs                         |
| Document ID     | EO-9ABD12C816                   |
| Generated       | 2026-08-02                      |

## Product Overview

Printed-circuit board connector

Printed circuit board base case, 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: 5, number of rows: 1, number of poles: 5, number of connections: 5, article family: MC 1.5/.. -G-THR, pitch: 3.81 mm, mounting: Weld THR, pin arrangement: Linear pin arrangement, pin length [P]: 1.4 mm, number of solder pins per potential: 1, plug-in system: COMBICON MC 1.5, Plug-in face orientation: Standard, lock: without, fixing type: without, packaging type: 56 mm wide strap

## 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 1702662

Packing unit 470 pc

Minimum order quantity 470 pc

Note Made to Order (non-returnable)

Catalog page Page 208 (C-1-2013)

GTIN 4046356607407

Weight per Piece (excluding packing) 2.450 g

Custom tariff number 85366930

Country of origin DE (Germany)

**Item properties**

Brief article description Feed-through header

Plug-in system MINI COMBICON

Type of contact Male connector

Range of articles MC 1,5/...-G-THR

Pitch 3.81 mm

Number of positions 5

Mounting type THR soldering

Pin layout Linear pinning

Locking without

Number of levels 1

Number of connections 5

Number of potentials 5

Electrical parameters

Rated current 8 A

Rated insulation voltage (III/2) 160 V

Rated surge voltage (III/2) 2.5 kV

Material data - contact

Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201

Contact material Cu alloy

Surface characteristics Tin-plated

Metal surface contact area (top layer) Tin (3 - 5 µm Sn)

Metal surface contact area (middle layer) Nickel (1 - 3 µm Ni)

Metal surface soldering area (top layer) Tin (3 - 5 µm Sn)

Metal surface soldering area (middle layer) Nickel (1.3 - 3 µm Ni)

Material data - housing

Insulating material LCP

Insulating material group IIIa

CTI according to IEC 60112 175

Flammability rating according to UL 94 V0

Dimensions for the product

Dimensional drawing

Caption Schematic representation - for additional information, see product range drawing in the Download Center

Length [ l ] 9.2 mm

Width [ w ] 20.44 mm

Height....

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / MC 1,5/ 5-G-3,81 P14 THRR56 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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