

## INDUSTRIAL COMPONENT DATA

# MC 0,5/ 3-G-2,54 P20THRR24C2 1706205 PHOENIX CONTACT Header, Nominal current: 6 A, Rated voltage (III/2): 16..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MC 0,5/ 3-G-2,54 P20THRR24C2



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | MC 0,5/ 3-G-2,54 P20THRR24C2    |
| Catalog number  | 1706205                         |
| Category        | Printed circuit board connector |
| Minimum order   | 465 Pcs                         |
| Document ID     | EO-E3461C19A2                   |
| Generated       | 2026-08-03                      |

## Product Overview

Header, Nominal current: 6 A, Rated voltage (III/2): 160 V, Number of positions: 3, Pitch: 2.54 mm, Color: black, Contact surface: Gold, Mounting: Taped SMD/THT/THR components, Fixed coding of the last position, can be combined with the 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, dimensioning voltage (III/2): 160 V, contact surface: Gold, contact type: Male, Number of potentials: 3, Number of rows: 1, Number of poles per row: 3, number of connections: 3, family of articles: MC 0.5/.. -G-THR, pitch: 2.54 mm, mounting: Weld THR, pin arrangement: Linear pin arrangement, pin length [P]: 2 mm, Stecksystem: MICRO COMBICON - FMC 0.5, Lock: without, packaging type: 24 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

## Dimensions

Length 7.1 mm

Pitch 2.54 mm

Dimension a 5.08 mm

Width 12.16 mm

Height 4.8 mm

Length of the solder pin 2 mm

Pin dimensions 0,64 x 0,64 mm

Hole diameter 1.2 mm

General

Range of articles MC 0,5/...-G-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) 32 V

Rated voltage (III/2) 160 V

Rated voltage (II/2) 160 V

Connection in acc. with standard EN-VDE

Nominal current IN 6 A

Insulating material LCP

Flammability rating according to UL 94 V0

Color black

Number of positions 3

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MC 0,5/ 3-G-2,54 P20THRR24C2 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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