

## INDUSTRIAL COMPONENT DATA

# MSTBC 2,5/ 4-ST-5,08 BK 1731879 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MSTBC 2,5/ 4-ST-5,08 BK



|                 |                         |
|-----------------|-------------------------|
| Manufacturer    | PHOENIX CONTACT         |
| MPN / Reference | MSTBC 2,5/ 4-ST-5,08 BK |
| Catalog number  | 1731879                 |
| Category        | Cable connector         |
| Minimum order   | 50 Pcs                  |
| Document ID     | EO-1681F8C473           |
| Generated       | 2026-08-04              |

### Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 2.5 mm<sup>2</sup>, color: black, nominal current: 12 A, nominal voltage (III/2): 320 V, contact type: Female, number of potentials: 4, number of rows: 1, number of poles: 4, number of connections: 4, family of articles: MSTBC 2.5/.. -ST, pitch: 5.08 mm, connection type: Crimped connection, conductor connection direction/printed circuit board: 0 °, clamping hook: - Clamping hook, plug-in system: COMBICON MSTB 2.5, locking: without, fixing type: without, packaging type: boxed

## 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 1731879

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

GTIN 4046356158510

Weight per Piece (excluding packing) 2.110 g

Custom tariff number 85472000

Country of origin PL (Poland)

Item properties

Brief article description Printed-circuit board connector

Plug-in system CLASSIC COMBICON

Type of contact Female connector

Range of articles MSTBC 2,5/..-ST

Pitch 5.08 mm

Number of positions 4

Connection method Crimp connection

Locking without

Number of levels 1

Electrical parameters

Rated current 12 A

Rated insulation voltage (III/2) 320 V

Rated surge voltage (III/2) 4 kV

Connection capacity

Conductor cross section flexible 0.5 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

Conductor cross section AWG / kcmil 20 ... 14

Material data - contact

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

Contact material Cu alloy

Metal surface terminal point (top layer) Tin (Sn)

Metal surface contact area (top layer) Tin (Sn)

Material data - housing

Insulating material PA

Insulating material group I

CTI according to IEC 60112 600

Flammability rating according to UL 94 V0

Glow wire flammability index GWFI according to EN 60695-2-12 850

Glow wire ignition temperature GWIT according to EN 60695-2-13 775

Temperature for the ball pressure test according to EN 60695-10-2 125 °C

Dimensions for the product

Dimensional drawing

Length [ l ] 25 mm

Width [ w ] 20.28 mm

Height [ h ] 10 mm

Pitch 5.08 mm

Height (without solder pin) 10 mm

Di...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MSTBC 2,5/ 4-ST-5,08 BK 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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