

## INDUSTRIAL COMPONENT DATA

# MSTB 2,5/ 2-ST-5,08 BK BDWH:-E 1714109 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MSTB 2,5/ 2-ST-5,08 BK BDWH:-E



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | MSTB 2,5/ 2-ST-5,08 BK BDWH:-E |
| Catalog number  | 1714109                        |
| Category        | Cable connector                |
| Minimum order   | 1000 Pcs                       |
| Document ID     | EO-771C16B235                  |
| Generated       | 2026-08-03                     |

## 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 surface: Tin, contact type: Female, number of potentials: 2, number of rows: 1, number of poles: 2, number of connections: 2, family of articles: MSTB 2.5/.. -ST, pitch: 5.08 mm, connection type: Screw connection with traction capsule, 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 1714109

Packing unit 1

GTIN 4055626353333

Custom tariff number 85366990

Dimensions

Length [ l ] 18.3 mm

Width [ w ] 10.16 mm

Height [ h ] 15 mm

Pitch 5.08 mm

Dimension a 5.08 mm

General

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

Number of positions 2

Connection method Screw connection with tension sleeve

Insulating material group I

Rated voltage (III/2) 320 V

Nominal current I<sub>N</sub> 12 A

Nominal cross section 2.5 mm<sup>2</sup>

Flammability rating according to UL 94 V0

Screw thread M3

Standards and Regulations

Flammability rating according to UL 94 V0

Environmental Product Compliance

China RoHS Environmentally Friendly Use Period = 50

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

Classifications

eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss 7.027440309eCl@ss 8.027440309eCl@ss 9.027440309

ETIM 5.0EC002638ETIM 6.0EC002638

ETIM for 1714109 Connectors (EC002638)

Feature Name

Feature Value

Type of connection (EF000064)

Other

Contact type (EF001587)

Bus

Number of poles (EF001391)

2

Number of plug-in contact rows (EF006935)

1

Modular spacing contacts (EF007326)

5.08 mm

Modular spacing connections (EF006827)

5.08 mm

Angle contact/conductor connection (EF007546)

Other

Rated current I<sub>n</sub> (EF008250)

12 A

Rated voltage (EF000228)

320 V

Rated surge voltage (EF002993)

4 kV

Over voltage category (EF006785)

III

Pollution degree (EF006786)

2

Connectable conductor cross section fine-strand without cable end sleeve (EF007341)

0.2 mm<sup>2</sup>

Connecta...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / MSTB 2,5/ 2-ST-5,08 BK BDWH:-E 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.