

## INDUSTRIAL COMPONENT DATA

# MSTB 2,5/ 2-STF-5,08 BK 1961986 PHOENIX CONTACT

## Printed-circuit board connector

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



|                 |                         |
|-----------------|-------------------------|
| Manufacturer    | PHOENIX CONTACT         |
| MPN / Reference | MSTB 2,5/ 2-STF-5,08 BK |
| Catalog number  | 1961986                 |
| Category        | Cable connector         |
| Minimum order   | 50 Pcs                  |
| Document ID     | EO-23D8C0B1A6           |
| 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/.. -STF, pitch: 5.08 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal groove, connection direction driver/printed circuit board: 0 °, clamping hook: - without clamping hook, plug-in system: COMBICON MSTB 2.5, locking: Screw locking, fixing type: Air clamping (screw), packaging type: Boxed Packaging

Conductive plate connector, nominal cross-section: 2.5 mm<sup>2</sup>, colour: black, nominal current: 12 A, reference voltage (III/2): 320 V, contact area: Sn, contact type: Female connector, number of potentials: 2, number of rows: 1, number of poles: 2, number of connections: 2, item range: MSTB 2.5/.. -STF, pitch: 5.08 mm, connection type: Screw connection with ring, screw driving surface: L Longitudinal slot, conductor/PCB plugging direction: 0°, locking clip: - without locking clip, plug-in system: COMBICON MSTB 2.5, locking: Screw locking, fastening type: Screw flange, packaging type: packed in carton

## 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 1961986

Packing unit 50 pc

Minimum order quantity 50 pc

GTIN 4017918901530

Weight per Piece (excluding packing) 4.240 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Length [ l ] 18.3 mm

Width [ w ] 20.17 mm

Height [ h ] 15 mm

Pitch 5.08 mm

Dimension a 5.08 mm

General

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

Number of positions 2

Connection method Screw connection with tension sleeve

Insulating material group I

Rated surge voltage (III/3) 4 kV

Rated surge voltage (III/2) 4 kV

Rated surge voltage (II/2) 4 kV

Rated voltage (III/3) 250 V

Rated voltage (III/2) 320 V

Rated voltage (II/2) 630 V

Connection in acc. with standard EN-VDE

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

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

Maximum load current 12 A (with a 2.5 mm<sup>2</sup> conductor cross section)

Insulating material PA

Flammability rating according to UL 94 V0

Internal cylindrical gage A3

Stripping length 7 mm

Screw thread M3

Tightening torque, min 0.5 Nm

Tightening torque max 0.6 Nm

Connection data

Conductor cross section solid min. 0.2 mm<sup>2</sup>

Conductor cross section solid max. 2.5 mm<sup>2</sup>

Conductor cross section flexible min. 0.2 mm<sup>2</sup>

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

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve max. 2.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic s...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MSTB 2,5/ 2-STF-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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