

## INDUSTRIAL COMPONENT DATA

# MVSTBR 2,5/10-STF-5,08 EX 1809759 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MVSTBR 2,5/10-STF-5,08 EX



|                 |                           |
|-----------------|---------------------------|
| Manufacturer    | PHOENIX CONTACT           |
| MPN / Reference | MVSTBR 2,5/10-STF-5,08 EX |
| Catalog number  | 1809759                   |
| Category        | Cable connector           |
| Minimum order   | 50 Pcs                    |
| Document ID     | EO-4EFD2BB95B             |
| Generated       | 2026-08-02                |

### Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 2.5 mm<sup>2</sup>, color: green, nominal current: 12 A, contact surface: Tin, contact type: Female, number of potentials: 10, number of rows: 1, number of poles: 10, number of connections: 10, family of articles: MVSTBR 2.5/.. -STF-EX, pitch: 5.08 mm, connection type: Screw connection with traction capsule, screw clamping method: L Longitudinal groove, connection direction driver/printed circuit board: 90 °, clamping hook: - Clamping hook, plug-in system: COMBICON MSTB 2.5 EX, locking: Screw locking, fixing type: Air clamping (screw), packaging type: Boxed Packaging

## 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 1809759

Packing unit 50 pc

Note Made to Order (non-returnable)

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GTIN 4046356705158

Weight per Piece (excluding packing) 23.590 g

Custom tariff number 85366990

Country of origin DE (Germany)

**Dimensions**

Length [ l ] 12.6 mm

Width [ w ] 60.96 mm

Height [ h ] 26 mm

Pitch 5.08 mm

Dimension a 45.72 mm

**General**

Range of articles MVSTBR 2,5/..-STF-EX

Number of positions 10

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

Maximum load current 12 A

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 pl...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MVSTBR 2,5/10-STF-5,08 EX 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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