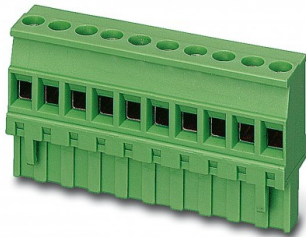


## INDUSTRIAL COMPONENT DATA

# MVSTBR 2,5/ 2-ST-5,087035BDNZ4 1090208 PHOENIX CONTACT Connector for printed circuit board, number of poles:...

Brand: PHOENIX CONTACT | Manufacturer Part Number: MVSTBR 2,5/ 2-ST-5,087035BDNZ4



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | MVSTBR 2,5/ 2-ST-5,087035BDNZ4 |
| Catalog number  | 1090208                        |
| Category        | Cable connector                |
| Minimum order   | 1000 Pcs                       |
| Document ID     | EO-EAA5800FF9                  |
| Generated       | 2026-08-06                     |

## Product Overview

Connector for printed circuit board, number of poles: 2, pitch: 5,08 mm, color: light grey

Connector for printed circuit board, nominal section: 2.5 mm<sup>2</sup>, color: luminous gray, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Female, number of rows: 1, number of poles: 2, family of articles: MVSTBR 2.5/.. -ST, pitch: 5.08 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal slot, connection direction conductor/printed circuit board: 90 °, clamping hook: - Clamping hook, plug-in system: COMBICON MSTB 2.5, locking: without, fixing type: without, packaging type: boxed

PCB connector, nominal cross-section: 2.5 mm<sup>2</sup>, colour: light grey, rated current: 12 A, rated voltage (III/2): 320 V, contact surface: Sn, contact type: socket, number of rows: 1, number of poles: 2, article family: MVSTBR 2.5/.. -ST, Pitch: 5.08 mm, Connection type: Screw connection with pull sleeve, Screw attack shape: L Longitudinal slot, Connection direction conductor/board: 90 °, Locking hook: - Locking hook, Plug-in system: COMBICON MSTB 2.5, Locking: without, Fastening type: without, Packaging type: packed in a 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 &gt; PCB Connectors (PCC)

## Additional Product Information

Technical dataItem propertiesProduct Type PCB Connectors

Product family MVSTBR 2.5/.. -ST

Product Line COMBICON Connectors M

Number of poles 2  
Grid dimension 5.08 mm  
Number of rows 1  
Data maintenance status  
Article revision 01  
Electrical propertiesNominal current IN 12 A  
Rated voltage UN 320 V  
Contact resistance 2.5 m?  
Rated voltage (III/3) 250 V  
Rated Surge Voltage (III/3) 4 kV  
Rated voltage (III/2) 320 V  
Rated Surge Voltage (III/2) 4 kV  
Rated voltage (II/2) 630 V  
Rated Surge Voltage (II/2) 4 kV  
Connection dataConnection technology  
Connector system COMBICON MSTB 2.5  
Nominal cross-section 2.5 mm<sup>2</sup>  
Contact type Socket  
Locking  
Lock type without  
Mounting Flange without  
Conductor connection  
Connection type Screw connection with pull sleeve  
Connection direction conductor/circuit board 90 °  
Conductor cross-section rigid 0.2 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
Flexible conductor cross-section 0.2 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
Conductor cross-section AWG 24 ... 12  
Flexible conductor cross-section with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
Flexible conductor cross-section with ferrule with plastic sleeve 0.25 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
2 conductors of the same cross-section rigid 0.2 mm<sup>2</sup> ... 1 mm<sup>2</sup>  
2 conductors of the same cross-section flexible 0.2 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
2 conductors of the same cross-section flexible with ferrule without plastic sleeve 0.25 mm<sup>2</sup> ... 1 mm<sup>2</sup>  
2 conductors of the same cross-section flexible with TWIN ferrule with plastic sleeve 0.5 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>  
Gauge mandrel a x b / diameter 2.8 mm x 2.0 mm...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MVSTBR 2,5/ 2-ST-5,087035BDNZ4 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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