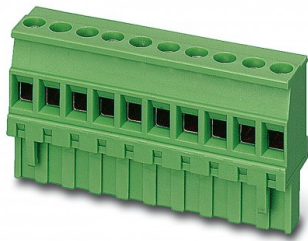


## INDUSTRIAL COMPONENT DATA

# MVSTBR 2,5/10-ST-5,08 BKBDSO1 1053745 PHOENIX CONTACT Plug-in connector for plate circ. printed

Brand: PHOENIX CONTACT | Manufacturer Part Number: MVSTBR 2,5/10-ST-5,08 BKBDSO1



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | PHOENIX CONTACT               |
| MPN / Reference | MVSTBR 2,5/10-ST-5,08 BKBDSO1 |
| Catalog number  | 1053745                       |
| Category        | Cable connector               |
| Minimum order   | 1000 Pcs                      |
| Document ID     | EO-57D2361EBC                 |
| Generated       | 2026-08-03                    |

## Product Overview

Plug-in connector for plate circ. printed

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 rows: 1, number of poles: 10, family of articles: MVSTBR 2.5/..-ST, pitch: 5.08 mm, connection type: Screw connection with traction capsule, conductor connection direction/printed circuit board: 90 °, clamping hook: - Clamping hook, plug-in system: COMBICON MSTB 2.5, locking: without, fixing type: without Printed circuit board connector, nominal section: 2.5 mm<sup>2</sup>, color: black, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Sn, contact connection type: Female, number of rows: 1, number of poles: 10, article family: 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

## 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 Printed Circuit Board Connector

Product Family MVSTBR 2.5/..-ST

Product Line COMBICON Connectors M

Number of poles 10

Step 5.08 mm

Number of rows 1

Data Maintenance Status

Article Review 01

Electrical PropertiesNominal Current  $I_N$  12 A

Nominal voltage  $U_N$  320 V

Contact resistance 2.5 m $\Omega$

Sizing voltage (III/3) 250 V

Dimensioning transient voltage (III/3) 4 kV

Dimensioning voltage (III/2) 320 V

Dimensioning Transient Voltage (III/2) 4 kV

Nominal voltage (II/2) 630 V

Dimensioning transient voltage (II/2) 4 kV

Connection dataConnection technology

Connector System COMBICON MSTB 2.5

Nominal Section 2.5 mm<sup>2</sup>

Contact Connection Type Female

Blockade

Locking system without

Clamping flange without

Connecting Conductors

Connection type Screw connection with traction capsule

Connection Direction Driver/PCB 90 °

Rigid conductor section 0.2 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

Flexible conductor section 0.2 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

AWG Conductor Section 24 ... 12

Flexible conductor section with toe cap, without plastic sleeve 0.25 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

Flexible conductor section with toe cap, with plastic sleeve 0.25 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

2 conductors with the same cross-section, rigid 0.2 mm<sup>2</sup> ... 1 mm<sup>2</sup>

2 conductors with the same cross-section, flexible 0.2 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>

2 conductors of equal cross-section, flexible with toe cap, without plastic sleeve 0.25 mm<sup>2</sup> ... 1 mm<sup>2</sup>

2 conductors with the same cross-section, flexible with TWIN toe cap with plastic sleeve 0.5 mm<sup>2</sup> ... 1.5 mm<sup>2</sup>

Male gauge....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MVSTBR 2,5/10-ST-5,08 BKBD501 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 PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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