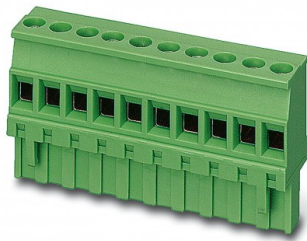


INDUSTRIAL COMPONENT DATA

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	2026-08-05

Product Overview

Plug-in connector for plate circ. printed

Connector for printed circuit board, nominal section: 2.5 mm², 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 mm², 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 > PCB Connectors (PCC)
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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 IN 12 A

Nominal voltage UN 320 V

Contact resistance 2.5 mΩ

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 mm²

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 mm² ... 2.5 mm²

Flexible conductor section 0.2 mm² ... 2.5 mm²

AWG Conductor Section 24 ... 12

Flexible conductor section with toe cap, without plastic sleeve 0.25 mm² ... 2.5 mm²

Flexible conductor section with toe cap, with plastic sleeve 0.25 mm² ... 2.5 mm²

2 conductors with the same cross-section, rigid 0.2 mm² ... 1 mm²

2 conductors with the same cross-section, flexible 0.2 mm² ... 1.5 mm²

2 conductors of equal cross-section, flexible with toe cap, without plastic sleeve 0.25 mm² ... 1 mm²

2 conductors with the same cross-section, flexible with TWIN toe cap with plastic sleeve 0.5 mm² ... 1.5 mm²

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 or use 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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