

INDUSTRIAL COMPONENT DATA

MVSTBW 2,5/13-ST-5,08 GY 1806520 PHOENIX CONTACT

Connector for printed circuit board, nominal current: 12 A,..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MVSTBW 2,5/13-ST-5,08 GY



Manufacturer	PHOENIX CONTACT
MPN / Reference	MVSTBW 2,5/13-ST-5,08 GY
Catalog number	1806520
Category	Cable connector
Minimum order	1000 Pcs
Document ID	EO-00B11377CF
Generated	2026-08-05

Product Overview

Connector for printed circuit board, nominal current: 12 A, number of poles: 13, pitch: 5,08 mm, type of connection:

Connection by screw with capsule-traction, color: grey, surface contacts: Tin

Connector for printed circuit board, nominal section: 2.5 mm², color: gray, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Female, number of potentials: 13, number of rows: 1, number of poles: 13, number of connections: 13, family of articles: MVSTBW 2.5/.. -ST, pitch: 5.08 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal groove, conductor connection direction/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 MVSTBW 2.5/.. -ST

Product Line COMBICON Connectors M

Number of poles 13

Step 5.08 mm

Number of connections 13

Number of rows 1

Number of potentials 13

Clamping flange without

Data Maintenance Status

Article Review 03

Electrical PropertiesNominal Current IN 12 A

Nominal voltage UN 320 V

Contact resistance 2.6 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, flex...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MVSTBW 2,5/13-ST-5,08 GY 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 Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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