

INDUSTRIAL COMPONENT DATA

MVSTBW 2,5/ 3-STF-5,08 EX 1809791 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MVSTBW 2,5/ 3-STF-5,08 EX



Manufacturer	PHOENIX CONTACT
MPN / Reference	MVSTBW 2,5/ 3-STF-5,08 EX
Catalog number	1809791
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-6BEC71F93B
Generated	2026-08-02

Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 2.5 mm², color: green, nominal current: 12 A, contact surface: Tin, contact type: Female, number of potentials: 3, number of rows: 1, number of poles: 3, number of connections: 3, family of articles: MVSTBW 2.5/.. -STF-EX, 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 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)
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Additional Product Information

Key Commercial Data

Orderkey 1809791

Packing unit 50 pc

Note Made to Order (non-returnable)

Catalog page Page 369 (C-1-2013)

GTIN 4046356705295

Weight per Piece (excluding packing) 7.770 g

Custom tariff number 85366990

Country of origin DE (Germany)

Dimensions

Length [l] 12.6 mm

Width [w] 25.4 mm

Height [h] 26 mm

Pitch 5.08 mm

Dimension a 10.16 mm

General

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

Number of positions 3

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_N 12 ANominal cross section 2.5 mm²

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 dataConductor cross section solid min. 0.2 mm²Conductor cross section solid max. 2.5 mm²Conductor cross section flexible min. 0.2 mm²Conductor cross section flexible max. 2.5 mm²

Conductor cross section AWG min. 24

Conductor cross section AWG max. 12

2 conductors with same cross section, solid min. 0.2 mm²2 conductors with same cross section, solid max. 1 mm²2 conductors with same cross section, stranded min. 0.2 mm²2 conductors with same cross section, stranded max. 1.5 mm²

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MVSTBW 2,5/ 3-STF-5,08 EX 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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