INDUSTRIAL COMPONENT DATA

MVSTBW 2,5/ 4-STF-5,08 EX 1809801 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MVSTBW 2,5/ 4-STF-5,08 EX



Manufacturer	PHOENIX CONTACT
MPN / Reference	MVSTBW 2,5/ 4-STF-5,08 EX
Catalog number	1809801
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-DB8D228107
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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: 4, number of rows: 1, number of poles: 4, number of connections: 4, 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
PCB connector, nominal cross section: 2.5 mm2, color: green, nominal current: 12 A, contact surface: Sn, contact connection type: Socket, number of potentials: 4, number of rows: 1, number of positions: 4, number of connections: 4, product range: MVSTBW 2,5/..-STF-EX, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: -90 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5 EX, locking: Screw locking mechanism, mounting: Screw flange, type of packaging: packed in cardboard

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)

Additional Product Information

Technical dataProduct propertiesProduct type PCB connector
Product family MVSTBW 2,5/..-STF-EX
Product line COMBICON Connectors M
Type Standard

Number of positions 4
Pitch 5.08 mm
Number of connections 4
Number of rows 1
Number of potentials 4
Mounting flange Screw flange
Data management status
Article revision 03
Electrical propertiesNominal current IN 12 A
Nominal voltage UN 176 V
Rated current / conductor cross section 12 A/2.5 mm²
Ex dataEx approval
Identification 0344? II 2GD / Ex eb IIC Gb
EU-type examination certificate KEMA 10ATEX0196 U
IECEx certificate IECEx KEM 10.0093U
Connection dataConnection technology
Type Standard
Connector system COMBICON MSTB 2,5 EX
Nominal cross section 2.5 mm²
Contact connection type Socket
Interlock
Locking type Screw locking mechanism
Mounting flange Screw flange
Tightening torque 0.3 Nm
Conductor connection
Connection method Screw connection with tension sleeve
Conductor/PCB connection direction -90 °
Conductor cross section rigid 0.2 mm² ... 2.5 mm²
Conductor cross section flexible 0.2 mm² ... 2.5 mm²
Conductor cross section AWG 24 ... 12
2 conductors with same cross section, solid 0.2 mm² ... 1 mm²
2 conductors with same cross section, flexible 0.2 mm² ... 1.5 mm²
Cylindrical gauge a x b / diameter 2.8 mm x 2.0 mm / 2.4 mm
Stripping length 7 mm
Drive form screw head Slotted (L)
Tightening torque 0.5 Nm ... 0.6 Nm
Specifications for ferrules without insulating collar
recommended crimping tool 1212034 CRIMPFOX 6
Specifications for fer...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MVSTBW 2,5/ 4-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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