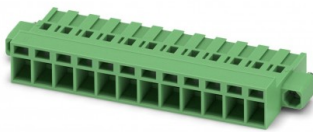


INDUSTRIAL COMPONENT DATA

MSTBC 2,5/12-STZF-5,08 1809831 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MSTBC 2,5/12-STZF-5,08



Manufacturer	PHOENIX CONTACT
MPN / Reference	MSTBC 2,5/12-STZF-5,08
Catalog number	1809831
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-E525922757
Generated	2026-07-29

Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 2.5 mm², color: green, nominal current: 12 A, nominal voltage (III/2): 320 V, contact type: Female, number of potentials: 12, number of rows: 1, number of poles: 12, number of connections: 12, family of articles: MSTBC 2.5/.. -STZF, pitch: 5.08 mm, connection type: Crimped connection, conductor/printed circuit board connection direction: 0 °, clamping hook: - without clamping hook, plug-in system: COMBICON MSTB 2.5, locking: Screw locking, fixing type: Air clamping (screw), packaging type: boxed packed, Corresponding crimped female contacts, with indications regarding the current [A] and the range of conductor cross-sections [mm²]: 10A/MSTBC-MT 0.5-1.0 (3190564); 10A/MSTBC-MT 0.5-1.0 BA (3190645); 12A/MSTBC-MT 1.5-2.5 (3190551); 12A/MSTBC-MT 1.5-2.5 BA (3190658). BA = Contacts on Ribbon

Printed circuit board connector, nominal section: 2.5 mm², color: green, nominal current: 12 A, nominal voltage (III/2): 320 V, contact connection type: Female, number of potentials: 12, number of rows: 1, number of poles: 12, number of connections: 12, article family: MSTBC 2.5/.. BA = Contacts on tape.

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 1809831

Packing unit 50 pc

Catalog page Page 295 (C-1-2013)

GTIN 4017918047979

Weight per Piece (excluding packing) 7.230 g

Custom tariff number 85472000

Country of origin PL (Poland)

Dimensions

Length [l] 25 mm

Width [w] 70.62 mm

Height [h] 10.5 mm

Pitch 5.08 mm

Dimension a 55.88 mm

General

Range of articles MSTBC 2,5/...-STZF

Number of positions 12

Connection method Crimp connection

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) 320 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 A

Nominal cross section 2.5 mm²

Maximum load current 12 A

Insulating material PA

Flammability rating according to UL 94 V0

Connection data

Conductor cross section flexible min. 0.5 mm²

Conductor cross section flexible max. 2.5 mm²

Conductor cross section AWG min. 20

Conductor cross section AWG max. 14

Minimum AWG according to UL/CUL 20

Maximum AWG according to UL/CUL 14

Standards and Regulations

Connection in acc. with standard EN-VDE

CSA

Flammability rating according to UL 94 V0

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

eCl@ss 4.0272607xxeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss

7.027440309eCl@ss 8.027440309eCl@ss 9.027440309

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MSTBC 2,5/12-STZF-5,08 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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