

INDUSTRIAL COMPONENT DATA

MSTBC 2,5/ 5-ST-5,08 BK 1858426 PHOENIX CONTACT

Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MSTBC 2,5/ 5-ST-5,08 BK



Manufacturer	PHOENIX CONTACT
MPN / Reference	MSTBC 2,5/ 5-ST-5,08 BK
Catalog number	1858426
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-3876798525
Generated	2026-08-05

Product Overview

Printed-circuit board connector

Connector for printed circuit board, nominal section: 2.5 mm², color: black, nominal current: 12 A, nominal voltage (III/2): 320 V, contact type: Female, number of potentials: 5, number of rows: 1, number of poles: 5, number of connections: 5, article family: MSTBC 2.5/.. -ST, pitch: 5.08 mm, connection type: Crimped connection, conductor connection direction/printed circuit board: 0 °, 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)
--------------	--

Additional Product Information

Key Commercial Data

Orderkey 1858426

Packing unit 50 pc

Note Made to Order (non-returnable)

GTIN 4017918225704

Weight per Piece (excluding packing) 2.800 g

Custom tariff number 85369010

Country of origin PL (Poland)

Item properties

Brief article description Printed-circuit board connector

Plug-in system CLASSIC COMBICON

Type of contact Female connector

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

Pitch 5.08 mm

Number of positions 5

Connection method Crimp connection

Locking without

Number of levels 1

Electrical parameters

Rated current 12 A

Rated insulation voltage (III/2) 320 V

Rated surge voltage (III/2) 4 kV

Connection capacity

Conductor cross section flexible 0.5 mm² ... 2.5 mm²

Conductor cross section AWG / kcmil 20 ... 14

Material data - contact

Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201

Contact material Cu alloy

Metal surface terminal point (top layer) Tin (Sn)

Metal surface contact area (top layer) Tin (Sn)

Material data - housing

Insulating material PA

Insulating material group I

CTI according to IEC 60112 600

Flammability rating according to UL 94 V0

Glow wire flammability index GWFI according to EN 60695-2-12 850

Glow wire ignition temperature GWIT according to EN 60695-2-13 775

Temperature for the ball pressure test according to EN 60695-10-2 125 °C

Dimensions for the product

Dimensional drawing

Length [l] 25 mm

Width [w] 25.36 mm

Height [h] 10 mm

Pitch 5.08 mm

Height (without solder pin) 10 mm

Dimension a 20.32 mm

Packaging....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MSTBC 2,5/ 5-ST-5,08 BK 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.