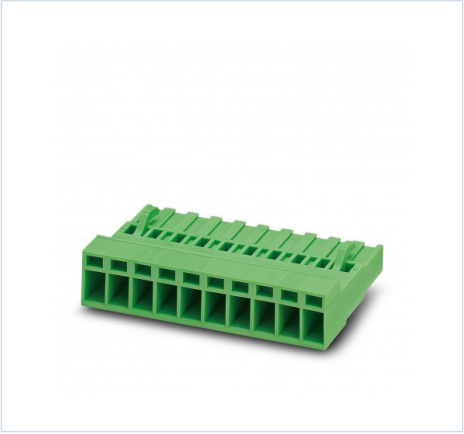
INDUSTRIAL COMPONENT DATA

MSTBC 2,5/ 5-STZ-5,08 BK 1729137 PHOENIX CONTACT Printed-circuit board connector

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	MSTBC 2,5/ 5-STZ-5,08 BK
Catalog number	1729137
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-C816556651
Generated	2026-11-18

Product Overview

Printed-circuit board connector
Connector for printed circuit board, nominal section: 2.5 mm², colour: black, rated current: 12 A, sizing voltage (III/2): 320 V, surface contacts: Tin, contact type: Connecting female, Number of potentials: 5, Number of rows: 1, Number of poles per row: 5, number of connections: 5, article family: MSTBC 2.5/.. -STZ, pitch: 5.08 mm, connection type: Set connection, connection direction conductor/printed circuit board: 0°, Stecksystem: CLASSIC COMBICON, Lock: without, packing type: boxed packaging
PCB connector, nominal cross section: 2.5 mm2, color: black, nominal current: 12 A, rated voltage (III/2): 320 V, contact connection type: Socket, number of potentials: 5, number of rows: 1, number of positions: 5, number of connections: 5, product range: MSTBC 2,5/..-STZ, pitch: 5.08 mm, connection method: Crimp connection, conductor/PCB connection direction: 0 °, locking clip: - Locking clip, plug-in system: COMBICON MSTB 2,5, locking: without, mounting: without, 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 MSTBC 2,5/..-STZ
Product line COMBICON Connectors M
Number of positions 5
Pitch 5.08 mm

Number of connections 5
Number of rows 1
Number of potentials 5
Data management status
Article revision 02
Electrical propertiesNominal current IN 12 A
Nominal voltage UN 320 V
Rated voltage (III/3) 320 V
Rated surge voltage (III/3) 4 kV
Rated voltage (III/2) 320 V
Rated surge voltage (III/2) 4 kV
Rated voltage (II/2) 630 V
Rated surge voltage (II/2) 4 kV
Connection dataConnection technology
Type Standard
Connector system COMBICON MSTB 2,5
Nominal cross section 2.5 mm²
Contact connection type Socket
Interlock
Locking type without
Mounting flange without
Conductor connection
Connection method Crimp connection
Conductor/PCB connection direction 0 °
Conductor cross section flexible 0.5 mm² ... 2.5 mm²
Conductor cross section AWG 20 ... 14
Material specificationsMaterial data - housing
Color (Housing) black (9005)
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
DimensionsDimensional drawing
Pitch 5.08 mm
Width [w] 25.36 mm
Height [h] 10.5 mm
Length [l] 25 mm
NotesNotes on operation In accordance with IEC 61984, COMBICON connectors have no switc...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MSTBC 2,5/ 5-STZ-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

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