INDUSTRIAL COMPONENT DATA

# MSTB 2,5/10-ST-5,08GYBDN-72QSO 1751846 PHOENIX CONTACT Printed-circuit board connector

**Brand: PHOENIX CONTACT | Manufacturer Part Number: MSTB 2,5/10-ST-5,08GYBDN-72QSO**



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| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | MSTB 2,5/10-ST-5,08GYBDN-72QSO |
| Catalog number | 1751846 |
| Category | Cable connector |
| Minimum order | 1000 Pcs |
| Document ID | EO-D58C680C70 |
| Generated | 2026-11-19 |

## Product Overview

Printed-circuit board connector
Printed circuit board connector, nominal section: 2.5 mm², color: light gray, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Sn, contact connection type: Female, number of potentials: 10, number of rows: 1, number of poles: 10, number of connections: 10, article family: MSTB 2.5/.. -ST, pitch: 5.08 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal slot, 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
PCB connector, nominal cross section: 2.5 mm2, color: light gray, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Socket, number of potentials: 10, number of rows: 1, number of positions: 10, number of connections: 10, product range: MSTB 2,5/..-ST, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, 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

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| Catalog path | PHOENIX CONTACT > PCB Connectors (PCC) |

## Additional Product Information

Technical dataProduct propertiesProduct type PCB connector
Product family MSTB 2,5/..-ST
Product line COMBICON Connectors M
Number of positions 10

Pitch 5.08 mm
Number of connections 10
Number of rows 1
Number of potentials 10
Mounting flange without
Data management status
Article revision 05
Electrical propertiesNominal current IN 12 A
Nominal voltage UN 320 V
Contact resistance 1.3 m?
Rated voltage (III/3) 250 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 Screw connection with tension sleeve
Conductor/PCB connection direction 0 °
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
Conductor cross section flexible, with ferrule without plastic sleeve 0.25 mm² ... 2.5 mm²
Conductor cross section, flexible, with ferrule, with plastic sleeve 0.25 mm² ... 2.5 mm²
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
2 conductors with same cross section, flexible, with ferrule without plastic sleeve 0.25 mm² ... 1 mm²
2 conductors with the same cross section, flexible, with....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MSTB 2,5/10-ST-5,08GYBDN-72QSO 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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