

INDUSTRIAL COMPONENT DATA

MSTBTP 2,5/ 2-ST RDBGY35BDV1SO 1107155 PHOENIX CONTACT Connector for printed circuit board, nominal current:..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MSTBTP 2,5/ 2-ST RDBGY35BDV1SO



Manufacturer	PHOENIX CONTACT
MPN / Reference	MSTBTP 2,5/ 2-ST RDBGY35BDV1SO
Catalog number	1107155
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-1423B8FA66
Generated	2026-08-03

Product Overview

Connector for printed circuit board, nominal current: 12 A, number of poles: 2, pitch: 5 mm, type of connection: Connection by screw with capsule-traction, color: grey, surface contacts: Tin

Connector for printed circuit board, nominal section: 2.5 mm², color: light gray, rated current: 12 A, dimensioning voltage (III/2): 320 V, surface contacts: Tin, contact type: Connection female, Number of rows: 1, Number of poles per row: 2, article family: MSTBTP 2.5/.. -ST, pitch: 5 mm, connection type: Screw connection with traction capsule, conductor connection direction/printed circuit board: 0°, Clamping hook: RDB Double width clamping hook, Stecksystem: CLASSIC COMBICON, Lock: sin, packing type: boxed packaging

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 rows: 1, number of positions: 2, product range: MSTBTP 2,5/..-ST, pitch: 5 mm, connection method: Screw connection with tension sleeve, screw head form: L Slotted, conductor/PCB connection direction: 0°, locking clip: RDB Locking clip in doubled width, 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 MSTBTP 2,5/..-ST

Product line COMBICON Connectors M

Number of positions 2

Pitch 5 mm

Number of rows 1

Data management status

Article revision 00

Electrical propertiesNominal current IN 12 A

Nominal voltage UN 320 V

Contact resistance 1.2 mΩ

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

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 TWIN ferrule with plastic sleeve 0.5 mm² ... 1.5 mm²

Cylindrical gauge a x b / diameter 2...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MSTBTP 2,5/ 2-ST RDBGY35BDV1SO 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.