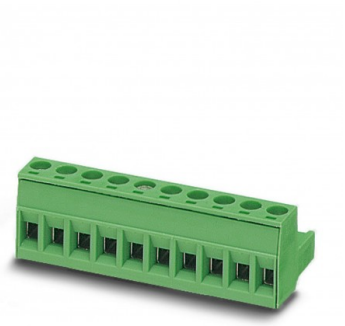
INDUSTRIAL COMPONENT DATA

MSTB 2,5/13-ST BDWH: CY SO 1702166 PHOENIX CONTACT Plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: MSTB 2,5/13-ST BDWH: CY SO



Manufacturer	PHOENIX CONTACT
MPN / Reference	MSTB 2,5/13-ST BDWH: CY SO
Catalog number	1702166
Category	Cable connector
Minimum order	50 Pcs
Document ID	EO-454E689E06
Generated	2026-11-19

Product Overview

Plug
PCB connector, nominal cross section: 2.5 mm2, nominal current: 12 A, rated voltage (III/2): 320 V, contact surface: Sn, contact connection type: Socket, number of potentials: 13, number of rows: 1, number of positions: 13, number of connections: 13, product range: MSTB 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: - 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 MSTB 2,5/..-ST
Product line COMBICON Connectors M
Number of positions 13
Pitch 5 mm
Number of connections 13
Number of rows 1
Number of potentials 13
Mounting flange without
Data management status

Article revision 04
Electrical propertiesNominal current IN 12 A
Nominal voltage UN 320 V
Contact resistance 1.4 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 TWI...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MSTB 2,5/13-ST BDWH: CY SO with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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.