

INDUSTRIAL COMPONENT DATA

MSTBT 2,5/ 4-ST BKBDWH13-16NZ 1090500 PHOENIX CONTACT Connector for printed circuit board, nominal current: ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MSTBT 2,5/ 4-ST BKBDWH13-16NZ



Manufacturer	PHOENIX CONTACT
MPN / Reference	MSTBT 2,5/ 4-ST BKBDWH13-16NZ
Catalog number	1090500
Category	Cable connector
Minimum order	1000 Pcs
Document ID	EO-D0EBDADB36
Generated	2026-08-04

Product Overview

Connector for printed circuit board, nominal current: 12 A, number of poles: 4, pitch: 5 mm, type of connection: Connection by screw with capsule-traction, color: black, surface contacts: Tin

Connector for printed circuit board, nominal section: 2.5 mm², color: black, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Female, number of potentials: 4, number of rows: 1, number of poles: 4, number of connections: 4, article family: MSTBT 2.5/.. -ST, pitch: 5 mm, connection type: Screw connection with traction capsule, screw clamping form: L Longitudinal slot, conductor/printed circuit board connection direction: 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

ETIM for 1090500 Connectors (EC002638)

Feature Name

Feature Value

Type of connection (EF000064)

Other

Contact type (EF001587)

Bus

Number of poles (EF001391)
4

Number of plug-in contact rows (EF006935)
1

Modular spacing contacts (EF007326)
5 mm

Modular spacing connections (EF006827)
5 mm

Angle contact/conductor connection (EF007546)
Other

Rated current I_n (EF008250)
12 A

Rated voltage (EF000228)
320 V

Rated surge voltage (EF002993)
4 kV

Over voltage category (EF006785)
III

Pollution degree (EF006786)
2

Connectable conductor cross section fine-strand without cable end sleeve (EF007341)
0.2 mm²

Connectable conductor cross section fine-strand with cable end sleeve (EF007339)
0.25 mm²

Connectable conductor cross section solid-core (EF007337)
0.2 mm²

Type of electric connection (EF003961)
Screw connection

Connectable cable type (EF006816)
Tubular cable

Material of contact surface (EF004020)
Tin

Material contact (EF007544)
Copper

Material insulation body (EF007543)
Polyamide (PA)

Housing material (EF001596)
Other

Housing colour (EF000136)
Black

Inflammability class of insulation material according to UL94 (EF002521)
V0

Operating temperature (EF002393)
-40 °C

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MSTBT 2,5/ 4-ST BKBDWH13-16NZ 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.