

**INDUSTRIAL COMPONENT DATA**

# MVSTBR 2,5/ 6-ST-5,08BDS1-6X13 1089451 PHOENIX CONTACT Connector for printed circuit board, nominal current:..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MVSTBR 2,5/ 6-ST-5,08BDS1-6X13



|                 |                                |
|-----------------|--------------------------------|
| Manufacturer    | PHOENIX CONTACT                |
| MPN / Reference | MVSTBR 2,5/ 6-ST-5,08BDS1-6X13 |
| Catalog number  | 1089451                        |
| Category        | Cable connector                |
| Minimum order   | 50 Pcs                         |
| Document ID     | EO-3329FF40FA                  |
| Generated       | 2026-08-05                     |

## Product Overview

Connector for printed circuit board, nominal current: 12 A, number of poles: 6, pitch: 5,08 mm, type of connection: Connection by screw with capsule-wheel drive, color: green, surface contacts: Tin  
Connector for printed circuit board, nominal section: 2.5 mm², color: green, 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: 6, article family: MVSTBR 2.5/.. -ST, pitch: 5.08 mm, connection type: Screw connection with traction capsule, connection direction conductor/printed circuit board: 90 °, Stecksystm: CLASSIC COMBICON, Lock: without, type of packaging: boxed packaging

**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 1089451 Connectors (EC002638)

Feature Name

Feature Value

Type of connection (EF000064)

Other

Contact type (EF001587)

Bus

Number of plug-in contact rows (EF006935)

1

Modular spacing contacts (EF007326)

5.08 mm

Modular spacing connections (EF006827)

5.08 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 mm<sup>2</sup>

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

0.25 mm<sup>2</sup>

Connectable conductor cross section solid-core (EF007337)

0.2 mm<sup>2</sup>

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)

Green

Inflammability class of insulation material according to UL94 (EF002521)

V0

Operating temperature (EF002393)

-40 °C

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MVSTBR 2,5/ 6-ST-5,08BDS1-6X13 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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