

## INDUSTRIAL COMPONENT DATA

# MDSTB 2,5/ 8-G1-5,08 GY 1837162 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: MDSTB 2,5/ 8-G1-5,08 GY



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | MDSTB 2,5/ 8-G1-5,08 GY         |
| Catalog number  | 1837162                         |
| Category        | Printed circuit board connector |
| Minimum order   | 2000 Pcs                        |
| Document ID     | EO-BCC7ACF484                   |
| Generated       | 2026-08-05                      |

### Product Overview

Printed-circuit board connector

Printed circuit board base case, nominal section: 2.5 mm<sup>2</sup>, color: gray, nominal current: 10 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Male, number of potentials: 16, number of rows: 2, number of poles: 8, number of connections: 16, family of articles: MDSTB 2.5/.. -G1, pitch: 5.08 mm, mounting: Wave soldering, pin arrangement: Linear pin arrangement, pin length [P]: 3.5 mm, number of solder pins per potential: 1, plug-in system: COMBICON MSTB 2.5, Plug-in face orientation: Standard, 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

Key Commercial Data

Orderkey 1837162

Packing unit 50 pc

GTIN 4017918262785

Weight per Piece (excluding packing) 12.820 g

Custom tariff number 85366990

Country of origin GR (Greece)

Dimensions

Length [ L ] 22 mm

Width 42.2 mm

Pitch 5.08 mm

Dimension a 35.56 mm

Width [ w ] 42.2 mm

Height [ h ] 32.5 mm

Height 29 mm

Length of the solder pin 3.5 mm

Pin dimensions 1 x 1 mm

Length 22 mm

General

Range of articles MDSTB 2,5/..-G1

Rated voltage (III/3) 250 V

Connection in acc. with standard EN-VDE

Nominal current IN 10 A

Color gray

Number of positions 8

Standards and Regulations

Connection in acc. with standard EN-VDE

CSA

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

eCl@ss 4.0272607xeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss

7.027440402eCl@ss 8.027440402eCl@ss 9.027440402

ETIM 3.0EC001121ETIM 4.0EC002637ETIM 5.0EC002637ETIM 6.0EC002637

UNSPSC 6.0130211810UNSPSC 7.090139121409UNSPSC 1139121409UNSPSC 12.0139121409UNSPSC

13.239121409

ETIM for 1837162 Connectors (EC002637)

Feature Name

Feature Value

Connector model (EF007495)

Fixed connector

Contact type (EF001587)

Pin

Number of poles (EF001391)

16

Number of plug-in contact rows (EF006935)

2

Modular spacing contacts (EF007326)

5.08 mm

Modular spacing connections (EF006827)

5.08 mm

Rated current In (EF008250)

10 A

Rated voltage (EF000228)

320 V

Rated surge voltage (EF002993)

4 kV  
Over vo...

### REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MDSTB 2,5/ 8-G1-5,08 GY 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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