

**INDUSTRIAL COMPONENT DATA**

# MSTBC 2,5/24-ST-5,08 RD BD:X3 1705323 PHOENIX CONTACT

## Plug-in part, rated current: 12 A, number of poles: 24..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MSTBC 2,5/24-ST-5,08 RD BD:X3



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | PHOENIX CONTACT               |
| MPN / Reference | MSTBC 2,5/24-ST-5,08 RD BD:X3 |
| Catalog number  | 1705323                       |
| Category        | Cable connector               |
| Minimum order   | 1000 Pcs                      |
| Document ID     | EO-C055921A6C                 |
| Generated       | 2026-08-05                    |

### Product Overview

Plug-in part, rated current: 12 A, number of poles: 24, pitch: 5.08 mm, connection type: Crimped connection, colour: red  
Connector for printed circuit board, nominal section: 2.5 mm², color: red, nominal current: 12 A, nominal voltage (III/2): 320 V, contact type: Female, number of potentials: 24, number of rows: 1, number of poles: 24, number of connections: 24, family of articles: MSTBC 2.5/.. -ST, pitch: 5.08 mm, connection type: Crimped connection, conductor connection direction/printed circuit board: 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

Plug component, nominal current: 12 A, number of positions: 24, pitch: 5.08 mm, connection method: Crimp connection, color: red

Your advantages

Inexpensive connection of large quantities of pre-assembled conductorsKey Commercial Data

Orderkey 1705323

Packing unit 1

GTIN 4046356766036

Custom tariff number 85472000

Electrical parameters

Rated current 12 A

Rated insulation voltage (III/2) 320 V  
Rated surge voltage (III/2) 4 kV  
Connection capacity  
Conductor cross section flexible 0.5 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>  
Conductor cross section AWG / kcmil 20 ... 14  
Material data - contact  
Note WEEE/RoHS-compliant, free of whiskers according to IEC 60068-2-82/JEDEC JESD 201  
Contact material Cu alloy  
Dimensions for the product  
Dimensional drawing  
Height [ h ] 10 mm  
Pitch 5.08 mm  
Height (without solder pin) 10 mm  
Dimension a 116.84 mm  
Packaging information  
Type of packaging packed in cardboard  
Pieces per package 50  
Denomination packing units Pcs.  
Air clearances and creepage distances  
Insulating material group I  
Voltage 320 V  
Rated insulation voltage (III/3) 320 V  
Rated insulation voltage (III/2) 320 V  
Rated insulation voltage (II/2) 630 V  
Rated surge voltage (III/3) 4 kV  
Rated surge voltage (III/2) 4 kV  
Rated surge voltage (II/2) 4 kV  
Standards and Regulations  
Connection in acc. with standard EN-VDE  
Environmental Product Compliance  
China RoHS Environmentally friendly use period: unlimited = EFUP-e  
No hazardous substances above threshold values  
eCl@ss  
eCl@ss 4.0 272607xx  
eCl@ss 4.1 27260701  
eCl@ss 5.0 2...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MSTBC 2,5/24-ST-5,08 RD BD:X3 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

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

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