

## INDUSTRIAL COMPONENT DATA

# BCP-508-5 GYBD:11-1 5455905 PHOENIX CONTACT PCB connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCP-508-5 GYBD:11-1



|                 |                     |
|-----------------|---------------------|
| Manufacturer    | PHOENIX CONTACT     |
| MPN / Reference | BCP-508-5 GYBD:11-1 |
| Catalog number  | 5455905             |
| Category        | Cable connector     |
| Minimum order   | 100 Pcs             |
| Document ID     | EO-12CC7D9EE7       |
| Generated       | 2026-08-03          |

## Product Overview

### PCB connector

Connector for printed circuit board, nominal section: 2.5 mm<sup>2</sup>, color: gray signals, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Female, number of potentials: 5, number of rows: 1, number of poles: 5, number of connections: 5, article family: BCP, pitch: 5.08 mm, connection type: Screw connection with traction capsule, screw clamping method: H1L Philipps-Recess with longitudinal groove, conductor connection direction/printed circuit board: 0 °, clamping hook: - Clamping hook, plug-in system: BASICLINE 2.5, locking: without, fixing type: without, packaging type: packed in box

PCB connector, nominal cross-section: 2.5 mm<sup>2</sup>, colour: signal grey, rated current: 12 A, dimensioning voltage (III/2): 320 V, contact surface: Sn, contact connection type: Female, number of potentials: 5, number of rows: 1, number of poles: 5, number of connections: 5, product series: BCP, pitch: 5.08 mm, connection type: Screw connection with cage, screw attachment form: H1L Philipps Recess with longitudinal slot, conductor/board connection direction: 0 °, locking hook: - Locking hook, pin system: BASICLINE 2.5, locking: none, fastening type: none, packaging type: packed in carton

## 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 5455905

Packing unit 100 pc

Minimum order quantity 100 pc

Note Made to Order (non-returnable)

GTIN 4055626020433

Weight per Piece (excluding packing) 8.000 g

Custom tariff number 85366990

Country of origin CN (China)

Dimensions

Length [ l ] 18.2 mm

Width [ w ] 25.4 mm

Height [ h ] 15 mm

Pitch 5.08 mm

Dimension a 20.32 mm

General

Range of articles BCP

Number of positions 5

Connection method Screw connection with tension sleeve

Connection in acc. with standard EN-VDE

Nominal current IN 12 A

Nominal cross section 2.5 mm<sup>2</sup>

Connection data

Conductor cross section solid min. 0.2 mm<sup>2</sup>

Conductor cross section solid max. 2.5 mm<sup>2</sup>

Conductor cross section flexible min. 0.2 mm<sup>2</sup>

Conductor cross section flexible max. 2.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve min. 0.25 mm<sup>2</sup>

Conductor cross section flexible, with ferrule without plastic sleeve max. 2.5 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve min. 0.25 mm<sup>2</sup>

Conductor cross section flexible, with ferrule with plastic sleeve max. 2.5 mm<sup>2</sup>

Conductor cross section AWG min. 24

Conductor cross section AWG max. 12

2 conductors with same cross section, solid min. 0.2 mm<sup>2</sup>

2 conductors with same cross section, solid max. 1 mm<sup>2</sup>

2 conductors with same cross section, stranded min. 0.2 mm<sup>2</sup>

2 conductors with same cross section, stranded max. 1.5 mm<sup>2</sup>

2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. 0.25 mm<sup>2</sup>

2 conductors with same cr...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCP-508-5 GYBD:11-1 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

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.