

## INDUSTRIAL COMPONENT DATA

# BCP-508- 2 GY VPE500 5474614 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCP-508-2 GY VPE500



|                 |                     |
|-----------------|---------------------|
| Manufacturer    | PHOENIX CONTACT     |
| MPN / Reference | BCP-508-2 GY VPE500 |
| Catalog number  | 5474614             |
| Category        | Cable connector     |
| Minimum order   | 500 Pcs             |
| Document ID     | EO-C4F20A3D83       |
| Generated       | 2026-08-04          |

### Product Overview

Printed-circuit board 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: 2, number of rows: 1, number of poles: 2, number of connections: 2, 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

## 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 5474614

Packing unit 500 pc

Minimum order quantity 500 pc

Note Made to Order (non-returnable)

GTIN 4055626299020

Weight per Piece (excluding packing) 3.340 g

Custom tariff number 85366990

Country of origin CN (China)

**Dimensions**

Length [ l ] 18.2 mm

Width [ w ] 10.16 mm

Height [ h ] 15 mm

Pitch 5.08 mm

Dimension a 5.08 mm

**General**

Range of articles BCP

Number of positions 2

Connection method Screw connection with tension sleeve

Insulating material group I

Rated voltage (III/2) 320 V

Nominal current I<sub>N</sub> 12 ANominal cross section 2.5 mm<sup>2</sup>

Flammability rating according to UL 94 V0

**Standards and Regulations**

Flammability rating according to UL 94 V0

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

China RoHS Environmentally Friendly Use Period = 50

For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

**Classifications**

eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss 7.027440309eCl@ss 8.027440309eCl@ss 9.027440309

ETIM 5.0EC002638ETIM 6.0EC002638

ETIM for 5474614 Connectors (EC002638)

**Feature Name****Feature Value**

Type of connection (EF000064)

**Other**

Contact type (EF001587)

**Bus**

Number of poles (EF001391)

2

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<sub>n</sub> (EF008250)

12 A

Rated voltage (EF000228)

320 V

Rated surge voltage (EF002993)

4 kV

Over voltage category (...)

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCP-508-2 GY VPE500 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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