

**INDUSTRIAL COMPONENT DATA**

# BCP-508F-14 GY 5436076 PHOENIX CONTACT Printed-circuit board connector BCP-508F-14 GY 5436076

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCP-508F-14 GY



|                 |                 |
|-----------------|-----------------|
| Manufacturer    | PHOENIX CONTACT |
| MPN / Reference | BCP-508F-14 GY  |
| Catalog number  | 5436076         |
| Category        | Cable connector |
| Minimum order   | 100 Pcs         |
| Document ID     | EO-741A778350   |
| Generated       | 2026-08-05      |

## Product Overview

Printed-circuit board connector - BCP-508F-14 GY - 5436076

Connector for printed circuit board, nominal section: 2.5 mm<sup>2</sup>, color: signal gray, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Female, number of potentials: 14, number of rows: 1, number of poles: 14, number of connections: 14, article family: BCP-F, pitch: 5.08 mm, connection type: Screw connection with traction capsule, screw clamping method: H1L Philipps-Recess with longitudinal groove, connection direction conductor/printed circuit board: 0 °, clamping hook: - without clamping hook, plug-in system: BASICLINE 2.5, locking: Screw locking, fixing type: Aerial clamping (screw), 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

PCB connector, nominal current: 12 A, rated voltage (III/2): 320 V, number of positions: 14, pitch: 5.08 mm, connection method: Screw connection with tension sleeve, color: signal grey, contact surface: Tin

Key Commercial Data

Orderkey 5436076

Packing unit 100 pc

Minimum order quantity 100 pc

Note Made to Order (non-returnable)

GTIN 4046356172479

Weight per Piece (excluding packing) 25.090 g

Custom tariff number 85366990

Country of origin CN (China)

Dimensions

Length [ l ] 18.2 mm

Width [ w ] 81.14 mm

Height [ h ] 15 mm

Pitch 5.08 mm

Dimension a 66.04 mm

General

Range of articles BCP-F

Number of positions 14

Connection method Screw connection with tension sleeve

Insulating material group I

Rated surge voltage (III/3) 4 kV

Rated surge voltage (III/2) 4 kV

Rated surge voltage (II/2) 4 kV

Rated voltage (III/2) 320 V

Rated voltage (II/2) 630 V

Nominal current I<sub>N</sub> 12 A

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

Maximum load current 12 A (with a 2.5 mm<sup>2</sup> conductor cross section)

Insulating material PA

Flammability rating according to UL 94 V0

Stripping length 7 mm

Screw thread M3

Tightening torque, min 0.4 Nm

Tightening torque max 0.5 Nm

Connection data

Minimum AWG according to UL/CUL 30

Maximum AWG according to UL/CUL 12

Standards and Regulations

Connection in acc. with standard CUL

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",....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCP-508F-14 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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