

## INDUSTRIAL COMPONENT DATA

**BCP-508F- 2 GN 5448815 PHOENIX CONTACT Part  
plug,nominal Current: 12 A,rated Voltage (III/2): 320 V,N. ° pol..**

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCP-508F-2 GN



|                 |                 |
|-----------------|-----------------|
| Manufacturer    | PHOENIX CONTACT |
| MPN / Reference | BCP-508F-2 GN   |
| Catalog number  | 5448815         |
| Category        | Cable connector |
| Minimum order   | 100 Pcs         |
| Document ID     | EO-9F432CEE5    |
| Generated       | 2026-08-05      |

**Product Overview**

Part plug,nominal Current: 12 A,rated Voltage (III/2): 320 V,N. ° poles: 2,Pitch: 5,08 mm,the Technique of connection:

Connection by screw with capsule-traction,Color: whitish green,contact Surface: Tin

Connector for printed circuit board, nominal cross-section: 2.5 mm<sup>2</sup>, color: off-white, 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-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**

Data commercial

Key order Five million four hundred forty thousand eight hundred fifteen

Packing unit 100 pcs

Key selling AAYBAA -

Minimum order quantity 100 pcs

EAN Four trillion forty six billion three hundred fifty six million eight hundred thirty eight thousand seventy eight

Unit weight (excluding packaging) 4,272 g

Tariff number tariff Eighty five million three hundred sixty six thousand nine hundred ninety

Country of origin CN (China)

Dimensions

Length [ l ] 18,2 mm

Width [ w ] 20,18 mm

Height [ h ] 15 mm

Step 5,08 mm

Average 5,08 mm

Overview

Family of articles BCP-F

Number of poles Two

Type of connection Connection by screw with capsule-traction

Group insulating material I

Transient voltage design (III/3) 4 kV

Transient voltage design (III/2) 4 kV

Transient voltage design (II/2) 4 kV

Tension and sizing (III/2) 320 V

Tension and sizing (II/2) 630 V

Nominal current IN 12 To

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

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

Isolation PA

Class of flammability according to UL 94 V0

Length desaislar 7 mm

Screw thread M3

Tightening torque min. 0.4 Nm

Tightening torque max. 0.5 Nm

Standards and specifications

Connection according to standard CUL

Class of flammability according to UL 94 V0

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

China RoHS Space of time for the intended use (FEUP): 50 years

You will find information about hazardous substances in the manufacturer's declaration in the "Downloads" tab

Ratings

eCl@s...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCP-508F-2 GN 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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