

**INDUSTRIAL COMPONENT DATA**

# BCVP-508R- 2 GN 5450968 PHOENIX CONTACT Part plug,nominal Current: 12 A,rated Voltage (III/2): 320 V,N. ° po..

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCVP-508R- 2 GN



|                 |                 |
|-----------------|-----------------|
| Manufacturer    | PHOENIX CONTACT |
| MPN / Reference | BCVP-508R- 2 GN |
| Catalog number  | 5450968         |
| Category        | Cable connector |
| Minimum order   | 100 Pcs         |
| Document ID     | EO-09A95ABBBC   |
| Generated       | 2026-08-04      |

## 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

**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

Commercial data  
Order key 5450968  
Packaging unit 50 pcs  
Sell key AAYBAA -  
Minimum Order Quantity 50 pcs  
Ean 4046356840545  
Weight per unit (excluding packaging) 4,370 g  
Tariff rate number 85366990  
Country of origin DE (Germany)  
Dimensions  
Step 5.08 mm  
Medium to 5.08 mm  
General  
Article Family BCVP-R

Number of poles 2  
Connection type Screw connection with traction capsule  
Insulating material group I  
Dimensioning transient voltage (III/3) 4 kV  
Dimensioning Transient Voltage (III/2) 4 kV  
Dimensioning transient voltage (II/2) 4 kV  
Sizing voltage (III/3) 250 V  
Dimensioning voltage (III/2) 320 V  
Sizing voltage (II/2) 630 V  
Nominal Current IN 12 A  
Nominal Section 2.5 mm<sup>2</sup>  
Maximum Charging Current 12 A (with a conductor cross-section of 2.5 mm<sup>2</sup>)  
Isolation PA  
Combustibility class according to UL 94 V0  
Length to be de-insulated 7 mm  
Screw thread M3  
Min. tightening torque. 0.5 Nm  
Max. tightening torque. 0.6 Nm  
Connection data  
Rigid conductor section min. 0.2 mm<sup>2</sup>  
Max. rigid conductor section 2.5 mm<sup>2</sup>  
Flexible conductor section min. 0.2 mm<sup>2</sup>  
Max. flexible conductor section 2.5 mm<sup>2</sup>  
Flexible conductor section with toe cap, without min plastic sleeve. 0.25 mm<sup>2</sup>  
Flexible conductor section with toe cap, without plastic sleeve max. 2.5 mm<sup>2</sup>  
Flexible conductor section with tip, with min plastic sleeve. 0.25 mm<sup>2</sup>  
Flexible conductor section with ferrule, with plastic sleeve max. 2.5 mm<sup>2</sup>  
Conductor section AWG min. 24  
Conductor section AWG max. 12  
2 conductors with the same cross-section, rigid min. 0.2 mm...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCVP-508R- 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

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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