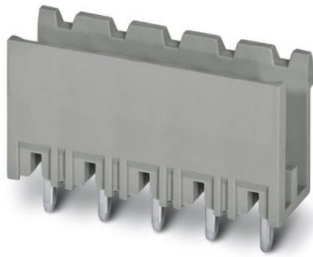


## INDUSTRIAL COMPONENT DATA

**BCH-500V-13 BK 5452400 PHOENIX CONTACT Housing base,nominal Current: 12 A,rated Voltage (III/2): 320 V,N. ° ..**

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCH-500V-13 BK



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | BCH-500V-13 BK                  |
| Catalog number  | 5452400                         |
| Category        | Printed circuit board connector |
| Minimum order   | 100 Pcs                         |
| Document ID     | EO-3FCB38905E                   |
| Generated       | 2026-08-04                      |

**Product Overview**

Housing base,nominal Current: 12 A,rated Voltage (III/2): 320 V,N. ° poles: 13,Pitch: 5 mm,Color: black,contact Surface: Tin,Assembly: wave Soldering

Printed circuit board base housing, nominal section: 2.5 mm<sup>2</sup>, color: black, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact connection type: Male, number of potentials: 13, number of rows: 1, number of poles: 13, number of connections: 13, article family: BCH-V, pitch: 5 mm, mounting: Wave soldering, Pin arrangement: Linear pin arrangement, pin length [P]: 3.9 mm, number of solder pins per potential: 1, plug-in system: BASICLINE 2.5, Plug-in face orientation: Standard, lock: without, fixing type: without, 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 fifty two thousand four hundred

Packing unit 100 pcs

Key selling AAYBHA -

Minimum order quantity 100 pcs

EAN Four trillion forty six billion three hundred fifty six million eight hundred fifty one thousand eight hundred seventeen

Unit weight (excluding packaging) 4,770 g

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

Country of origin CN (China)

## Dimensions

Length [ l ] 8.6 mm

Width 65 mm

Step 5 mm

Average 60 mm

Width [ w ] 65 mm

Height [ h ] 15.9 mm

Height of construction 12 mm

Length of the pin welding 3.9 mm

Dimensions of pin 1 x 1 mm

Length 8.6 mm

## Overview

Family of articles BCH-V

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/3) 250 V

Tension and sizing (III/2) 320 V

Tension and sizing (II/2) 400 V

Connection according to standard EN-VDE

Nominal current IN 12 To

Maximum load current 12 To

Isolation PA

Class of flammability according to UL 94 V0

Color black

Number of poles Thirteen

Standards and specifications

Connection according to standard EN-VDE

CUL

Class of flammability according to UL 94 V0

Environmental Product Compliance

China RoHS Space of time for the intended use: unlimited = FEUP-e

No dangerous substances above the thresholds

## Ratings

eCI@ss 4.0272607xxeCI@ss 4.1Twenty seven million two hundred sixty thousand seven hundred oneeCI@ss 5.0Twenty seven...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCH-500V-13 BK 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.