

## INDUSTRIAL COMPONENT DATA

**BCH-500H- 4 BK 5452269 PHOENIX CONTACT Housing base,nominal Current: 12 A,rated Voltage (III/2): 320 V,N. ° ..**

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCH-500H-4 BK



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | BCH-500H-4 BK                   |
| Catalog number  | 5452269                         |
| Category        | Printed circuit board connector |
| Minimum order   | 100 Pcs                         |
| Document ID     | EO-AEFE9A3BC8                   |
| Generated       | 2026-08-05                      |

## Product Overview

Housing base,nominal Current: 12 A,rated Voltage (III/2): 320 V,N. ° poles: 4,Pitch: 5 mm,Color: black,contact Surface: Tin,Assembly: wave Soldering

Printed circuit board base case, 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: 4, number of rows: 1, number of poles: 4, number of connections: 4, article family: BCH-H, pitch: 5 mm, mounting: Wave soldering, Pin arrangement: Linear pin arrangement, pin length [P]: 3.4 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

Commercial data  
Order key 5452269  
Packaging unit 100 pcs  
Sell key AAYBFA -  
Minimum Order Quantity 100 pcs  
Ean 4046356853125  
Weight per unit (excluding packaging) 1,300 g  
Tariff rate number 85366990  
Country of origin CN (China)

**Dimensions**

Length [ l ] 12 mm

Width 20 mm

Step 5 mm

Medium to 15 mm

Width [ w ] 20 mm

Height [ h ] 12 mm

Construction height 8.6 mm

Weld pin length 3.4 mm

Temple Dimensions 1 x 1 mm

Longitude 12 mm

**General**

Article Family BCH-H

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) 400 V

Standard-compliant connection EN-VDE

Nominal Current IN 12 A

Maximum Charging Current 12 A

Isolation PA

Combustibility class according to UL 94 V0

Colour black

Number of poles 4

**Standards & Specifications**

Standard-compliant connection EN-VDE

**CUL**

Combustibility class according to UL 94 V0

Environmental Product Compliance

China RoHS Time slot for intended use: unlimited = EFUP-e

No hazardous substances above thresholds

**Classifications**

eCl@ss 4.0272607xxeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss

7.027440402eCl@ss 8.027440402eCl@ss 9.027440402

ETIM 3.0EC001121ETIM 4.0EC002637ETIM 5.0EC002637ETIM 6.0EC002637

UNSPSC 6.0130211801UNSPSC 7.090139121432UNSPSC 1139121432UNSPSC 12.0139121409UNSPSC

13.239121409

ETIM for 5452269 Connectors (EC002637)

Feature Nam...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCH-500H-4 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.