

## INDUSTRIAL COMPONENT DATA

# BCH-500HS-5 GN BD:COM 5430165 PHOENIX CONTACT

## Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCH-500HS-5 GN BD:COM



|                 |                                 |
|-----------------|---------------------------------|
| Manufacturer    | PHOENIX CONTACT                 |
| MPN / Reference | BCH-500HS-5 GN BD:COM           |
| Catalog number  | 5430165                         |
| Category        | Printed circuit board connector |
| Minimum order   | 100 Pcs                         |
| Document ID     | EO-D1CBCEF68F                   |
| Generated       | 2026-08-04                      |

### Product Overview

Printed-circuit board connector

Printed circuit board base housing, nominal section: 2.5 mm<sup>2</sup>, color: whitish green, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Male, number of potentials: 5, number of rows: 1, number of poles: 5, number of connections: 5, article family: BCH-HS, pitch: 5 mm, mounting: Wave soldering, Pin arrangement: Linear pin arrangement, pin length [P]: 3.5 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

PCB header, nominal cross-section: 2.5 mm<sup>2</sup>, colour: green white, nominal current: 12 A, reference voltage (III/2): 320 V, contact surface: Sn, contact type: Male, number of potentials: 5, number of rows: 1, number of poles: 5, number of connections: 5, article range: BCH-HS, pitch: 5 mm, mounting: Wave soldering, Spindle plan: Linear pinout, spindle length [P]: 3.23 mm, Number of pins per potential: 1, Plug-in system: BASICLINE 2.5, Orientation of the plug-in pattern: Standard, Locking: without, Fastening type: without, Packaging type: Packed in a carton

## 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

Key Commercial Data

Orderkey 5430165

Packing unit 100 pc

Minimum order quantity 100 pc

Note Made to Order (non-returnable)

GTIN 4055626193182

Weight per Piece (excluding packing) 2.120 g

Custom tariff number 85366930

Country of origin CN (China)

Dimensions

Length [ l ] 12 mm

Width 27 mm

Pitch 5 mm

Width [ w ] 27 mm

Height [ h ] 12.07 mm

Height 8.57 mm

Length of the solder pin 3.5 mm

Pin dimensions 1 x 1 mm

Length 12 mm

General

Range of articles BCH-HS

Insulating material group I

Rated voltage (III/2) 320 V

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

Flammability rating according to UL 94 V0

Color pastel green

Number of positions 5

Standards and Regulations

Flammability rating according to UL 94 V0

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

eCl@ss 5.127260700eCl@ss 6.027260700eCl@ss 7.027440402eCl@ss 8.027440402eCl@ss 9.027440402

ETIM 5.0EC002637ETIM 6.0EC002637

UNSPSC 13.239121409

ETIM for 5430165 Connectors (EC002637)

Feature Name

Feature Value

Connector model (EF007495)

Fixed connector

Contact type (EF001587)

Pin

Number of poles (EF001391)

5

Number of plug-in contact rows (EF006935)

1

Modular spacing contacts (EF007326)

5 mm

Modular spacing connections (EF006827)

5 mm

Rated current I<sub>n</sub> (EF008250)

12 A

Rated voltage (EF000228)

320 V

Rated surge voltage (EF002993)

4 kV

Over voltage category (EF006785)

III

Pollution degree (EF006786)

2

Material of contact surface (EF004020)

Tin....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCH-500HS-5 GN BD:COM 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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