

INDUSTRIAL COMPONENT DATA

BCH-508H- 4 BK VPE500 5441689 PHOENIX CONTACT

Feed-through header

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCH-508H-4 BK VPE500



Manufacturer	PHOENIX CONTACT
MPN / Reference	BCH-508H-4 BK VPE500
Catalog number	5441689
Category	Printed circuit board connector
Minimum order	500 Pcs
Document ID	EO-7ABD6212DA
Generated	2026-08-04

Product Overview

Feed-through header

Printed circuit board base housing, nominal section: 2.5 mm², 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: 5.08 mm, mounting: Wave soldering, Pin arrangement: Linear pin arrangement, pin length [P]: 3.2 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 headers, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 1.5 mm², number of positions: 4, pitch: 5.08 mm, color: black, contact surface: Tin, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.2 mm

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)
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Additional Product Information

Key Commercial Data

Orderkey 5441689

Packing unit 1 pc

Minimum order quantity 500 pc

GTIN 4046356993975

Weight per Piece (excluding packing) 1.400 g

Custom tariff number 85366930

Country of origin CN (China)

Dimensions

Standards and Regulations

Classifications

General

Environmental Product Compliance

Dimensions

Length [l] 12 mm

Width 20.32 mm

Pitch 5.08 mm

Dimension a 15.24 mm

Width [w] 20.32 mm

Height [h] 11.8 mm

Height 8.6 mm

Length of the solder pin 3.2 mm

Pin dimensions 1 x 1 mm

Length 12 mm

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Range of articles BCH-H

Rated voltage (III/3) 250 V

Connection in acc. with standard EN-VDE

Nominal current IN 12 A

Color black

Number of positions 4

[Back to top](#)Standards and Regulations

Connection in acc. with standard EN-VDE

[Back to top](#)Environmental Product Compliance

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

No hazardous substances above threshold values

[Back to top](#)Classifications

eCl@ss

eCl@ss 4.0 27260700

eCl@ss 4.1 27260700

eCl@ss 5.0 27260700

eCl@ss 5.1 27260700

eCl@ss 6.0 27260700

eCl@ss 7.0 27440402

eCl@ss 8.0 27440402

eCl@ss 9.0 27440402

[Back to top](#)ETIM

ETIM 4.0 EC002643

ETIM 5.0 EC002637

ETIM 6.0 EC002637

ETIM 7.0 EC002637

[Back to top](#)UNSPSC

UNSPSC 13.2 39121409

UNSPSC 18.0 39121409

UNSPSC 19.0 39121409

UNSPSC 20.0 39121409

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ETIM for 5441689 Connectors (EC002637)

Feature Name

Feature Value

Connector model (EF007495)

Fixed connector

Contact type (EF001587)

Pin

Number of poles (EF001391)

4

Numbe...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCH-508H-4 BK VPE500 with the required quantity to info@electricaonline.com or use 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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