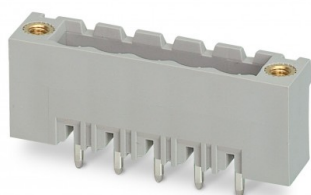


INDUSTRIAL COMPONENT DATA

BCH-508VF- 4 GY 5434146 PHOENIX CONTACT Printed-circuit board connector BCH-508VF- 4 GY 5434146

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCH-508VF-4 GY



Manufacturer	PHOENIX CONTACT
MPN / Reference	BCH-508VF-4 GY
Catalog number	5434146
Category	Printed circuit board connector
Minimum order	100 Pcs
Document ID	EO-81DF338885
Generated	2026-08-04

Product Overview

Printed-circuit board connector - BCH-508VF- 4 GY - 5434146

Printed circuit board base housing, nominal section: 2.5 mm², color: signal gray, nominal current: 12 A, nominal voltage (III/2): 320 V, contact surface: Tin, contact type: Male, number of potentials: 4, number of rows: 1, number of poles: 4, number of connections: 4, family of articles: BCH-VF, pitch: 5.08 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: Screw lock, fastening type: Air clamping (thread), packaging type: boxed
PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 2.5 mm², number of positions: 4, pitch: 5.08 mm, color: signal grey, contact surface: Tin, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.9 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 5434146

Packing unit 1 pc

Minimum order quantity 100 pc

GTIN 4046356171342

Weight per Piece (excluding packing) 3.340 g

Custom tariff number 85366930

Country of origin CN (China)

Drawings

General

Environmental Product Compliance

Dimensions

Standards and Regulations

Classifications

Drawings

Drilling diagram

Dimensional drawing

[Back to top](#)Dimensions

Length [l] 8.6 mm

Width 30.48 mm

Pitch 5.08 mm

Dimension a 15.24 mm

Width [w] 30.48 mm

Height [h] 15.9 mm

Height 12 mm

Length of the solder pin 3.9 mm

Pin dimensions 1 x 1 mm

Length 8.6 mm

[Back to top](#)General

Range of articles BCH-VF

Insulating material group I

Rated surge voltage (III/3) 4 kV

Rated surge voltage (III/2) 4 kV

Rated surge voltage (II/2) 4 kV

Rated voltage (III/3) 250 V

Rated voltage (III/2) 320 V

Rated voltage (II/2) 400 V

Connection in acc. with standard EN-VDE

Nominal current I_N 12 A

Maximum load current 12 A

Insulating material PA

Flammability rating according to UL 94 V0

Color signal grey

Number of positions 4

[Back to top](#)Standards and Regulations

Connection in acc. with standard EN-VDE

CUL

Flammability rating according to UL 94 V0

[Back to top](#)Environmental Product Compliance

REACH SVHC Lead 7439-92-1

China RoHS Environmentally Friendly Use Period = 50 years

For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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eCl@ss 4.1 27260700

eCl@ss 5.0 27260700

eCl@ss 5.1 27260700

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCH-508VF-4 GY 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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