

INDUSTRIAL COMPONENT DATA

BCH-508H-12 GN 5446419 PHOENIX CONTACT Printed-circuit board connector

Brand: PHOENIX CONTACT | Manufacturer Part Number: BCH-508H-12 GN



Manufacturer	PHOENIX CONTACT
MPN / Reference	BCH-508H-12 GN
Catalog number	5446419
Category	Printed circuit board connector
Minimum order	100 Pcs
Document ID	EO-282DB7547F
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Product Overview

Printed-circuit board connector

Base housing printed circuit board, nominal section: 1.5 mm², colour: whitish green, rated current: 12 A, sizing voltage (III/2): 320 V, surface contacts: Tin, contact type: Male, Number of potentials: 12, Number of rows: 1, Number of poles per row: 12, number of connections: 12, article family: BCH-H, pitch: 5.08 mm, mounting: Wave welding, pin arrangement: Linear pin arrangement, pin length [P]: 3.5 mm, Stecksystem: BASICLINE 2.5, Locking: sin, packaging type: boxed packaging

PCB headers, nominal current: 12 A, rated voltage (III/2): 320 V, nominal cross section: 1.5 mm², number of positions: 12, pitch: 5.08 mm, color: pastel green, contact surface: Tin, mounting: Wave soldering, pin layout: Linear pinning, solder pin [P]: 3.5 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 5446419

Packing unit 1 pc

Minimum order quantity 100 pc

GTIN 4046356832946

Weight per Piece (excluding packing) 0.000 g

Custom tariff number 85366930

Country of origin CN (China)

Drawings

General

Environmental Product Compliance

Dimensions

Standards and Regulations

Classifications

Drawings

Dimensional drawing

[Back to top](#)Dimensions

Length [l] 12 mm

Width 60.96 mm

Pitch 5.08 mm

Dimension a 55.88 mm

Width [w] 60.96 mm

Height [h] 12.1 mm

Height 8.6 mm

Length of the solder pin 3.5 mm

Pin dimensions 1 x 1 mm

Length 12 mm

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Range of articles BCH-H

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 IN 12 A

Maximum load current 12 A

Insulating material PA

Flammability rating according to UL 94 V0

Color pastel green

Number of positions 12

[Back to top](#)Standards and Regulations

Connection in acc. with standard EN-VDE

CUL

Flammability rating according to UL 94 V0

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

No hazardous substances above threshold values

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eCI@ss

eCI@ss 4.0 27260700

eCI@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

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCH-508H-12 GN 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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