INDUSTRIAL COMPONENT DATA

# BCH-500VF-16 GY 5432698 PHOENIX CONTACT Printed-circuit board connector

**Brand: PHOENIX CONTACT | Manufacturer Part Number: BCH-500VF-16 GY**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | BCH-500VF-16 GY |
| Catalog number | 5432698 |
| Category | Printed circuit board connector |
| Minimum order | 100 Pcs |
| Document ID | EO-AF721B8924 |
| Generated | 2026-11-19 |

## Product Overview

Printed-circuit board connector
Base housing printed circuit board, nominal section: 2.5 mm², colour: signal grey, rated current: 12 A, sizing voltage (III/2): 320 V, surface contacts: Tin, contact type: Male, Number of potentials: 16, Number of rows: 1, Number of poles per row: 16, number of connections: 16, article family: BCH-VF, pitch: 5 mm, Mounting: Wave welding, pin arrangement: Linear pin arrangement, pin length [P]: 3.9 mm, Stecksystem: BASICLINE 2.5, Locking: Screw locking, packaging type: boxed packaging

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > PCB Connectors (PCC) |

## Additional Product Information

Key Commercial Data
Orderkey 5432698
Packing unit 100 pc
Minimum order quantity 100 pc
Note Made to Order (non-returnable)
GTIN 4046356493246
Weight per Piece (excluding packing) 6.250 g
Custom tariff number 85366930
Country of origin CN (China)
Dimensions

Length [ l ] 8.6 mm
Width 90 mm
Pitch 5 mm
Dimension a 75 mm
Width [ w ] 90 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
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 IN 12 A
Maximum load current 12 A
Insulating material PA
Flammability rating according to UL 94 V0
Color signal grey
Number of positions 16
Standards and Regulations
Connection in acc. with standard EN-VDE
CUL
Flammability rating according to UL 94 V0
Environmental Product Compliance
REACh SVHC Lead 7439-92-1
China RoHS Environmentally Friendly Use Period = 50
For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”
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 12.01391...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BCH-500VF-16 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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